Supplementary Dataset 5. Output from CELLO, providing additional localisation and localisation score values for each protein.

**CELLO RESULTS**

SeqID: fig|6666666.171271.peg.1
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.287
Di-peptide  OuterMembrane  0.514
part-Comp.  Cytoplasmic  0.621
chemo-typy  Extracellular  0.596
Neighboring  Extracellular  0.389

Combined SVM classifier:
Extracellular  1.557 *
OuterMembrane  0.792
Periplasmic  0.448
InnerMembrane  0.442
Cytoplasmic  1.760 *

**************************************************************************************
SeqID: fig|6666666.171271.peg.2
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.392
Di-peptide  InnerMembrane  0.958
part-Comp.  InnerMembrane  0.504
chemo-typy  InnerMembrane  0.949
Neighboring  InnerMembrane  0.423

Combined SVM classifier:
Extracellular  0.319
OuterMembrane  0.346
Periplasmic  0.320
InnerMembrane  3.226 *
Cytoplasmic  0.790

**************************************************************************************
SeqID: fig|6666666.171271.peg.3
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.301
Di-peptide  Cytoplasmic  0.697
part-Comp.  Cytoplasmic  0.433
chemo-typy  Cytoplasmic  0.964
Neighboring  Extracellular  0.510

Combined SVM classifier:
Extracellular  1.061
OuterMembrane  0.342
Periplasmic  0.847
**SeqID: fig666666.171271.peg.4**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.753</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.799</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.689
- OuterMembrane: 0.353
- Periplasmic: 0.410
- InnerMembrane: 0.355
- Cytoplasmic: 3.193 *

**SeqID: fig666666.171271.peg.5**

**CELLO prediction:**

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<tbody>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.735</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.449</td>
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**Combined SVM classifier:**

- Extracellular: 0.735
- OuterMembrane: 0.244
- Periplasmic: 0.871
- InnerMembrane: 0.437
- Cytoplasmic: 2.713 *

**SeqID: fig666666.171271.peg.6**

**CELLO prediction:**

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.458</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.679</td>
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<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.472</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.422</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.456</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 0.694
- OuterMembrane: 1.531
- Periplasmic: 0.281
- InnerMembrane: 0.119
- Cytoplasmic: 2.375 *
| SeqID: fig|6666666.171271.peg.7 | CELLO prediction: |
|-----------------|------------------------|
| Composition     | Cytoplasmic            |
| Di-peptide      | Cytoplasmic            |
| part-Comp.      | Cytoplasmic            |
| chemo-typy      | OuterMembrane          |
| Neighboring     | Cytoplasmic            |
| CELLO prediction: | location    | reliable-index |
| Composition     | Cytoplasmic            | 0.295          |
| Di-peptide      | Cytoplasmic            | 0.592          |
| part-Comp.      | Cytoplasmic            | 0.372          |
| chemo-typy      | OuterMembrane          | 0.489          |
| Neighboring     | Cytoplasmic            | 0.480          |
| Combined SVM classifier: |
| Extracellular   | 0.835                  |
| OuterMembrane   | 0.986                  |
| Periplasmic     | 0.740                  |
| InnerMembrane   | 0.601                  |
| Cytoplasmic     | 1.838 *                |

| SeqID: fig|6666666.171271.peg.8 | CELLO prediction: |
|-----------------|------------------------|
| Composition     | InnerMembrane          |
| Di-peptide      | InnerMembrane          |
| part-Comp.      | InnerMembrane          |
| chemo-typy      | InnerMembrane          |
| Neighboring     | InnerMembrane          |
| CELLO prediction: | location    | reliable-index |
| Composition     | InnerMembrane          | 0.999          |
| Di-peptide      | InnerMembrane          | 1.000          |
| part-Comp.      | InnerMembrane          | 1.000          |
| chemo-typy      | InnerMembrane          | 0.995          |
| Neighboring     | InnerMembrane          | 0.988          |
| Combined SVM classifier: |
| Extracellular   | 0.002                  |
| OuterMembrane   | 0.004                  |
| Periplasmic     | 0.008                  |
| InnerMembrane   | 4.983 *                |
| Cytoplasmic     | 0.003                  |

<p>| SeqID: fig|6666666.171271.peg.9 | CELLO prediction: |
|-----------------|------------------------|
| Composition     | InnerMembrane          |
| Di-peptide      | InnerMembrane          |
| part-Comp.      | InnerMembrane          |
| chemo-typy      | InnerMembrane          |
| Neighboring     | InnerMembrane          |
| CELLO prediction: | location    | reliable-index |
| Composition     | InnerMembrane          | 0.999          |
| Di-peptide      | InnerMembrane          | 1.000          |
| part-Comp.      | InnerMembrane          | 1.000          |
| chemo-typy      | InnerMembrane          | 0.995          |
| Neighboring     | InnerMembrane          | 0.988          |
| Combined SVM classifier: |
| Extracellular   | 0.002                  |
| OuterMembrane   | 0.004                  |
| Periplasmic     | 0.008                  |
| InnerMembrane   | 4.983 *                |
| Cytoplasmic     | 0.003                  |</p>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.790</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.960</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.924</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.929</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.903</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.100</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.119</td>
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<tr>
<td>InnerMembrane</td>
<td>0.152</td>
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<tr>
<td>Cytoplasmic</td>
<td>4.506 *</td>
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SeqID: fig|6666666.171271.peg.11

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<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
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<td>chemo-typy</td>
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Combined SVM classifier:

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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.279 *</td>
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SeqID: fig|6666666.171271.peg.12

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<td>Composition</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.929</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.098</td>
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<td>Cytoplasmic</td>
<td>4.179 *</td>
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SeqID: fig|6666666.171271.peg.13

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<tr>
<td>Composition</td>
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<td>0.790</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.960</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.924</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.929</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.903</td>
</tr>
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</table>

Combined SVM classifier:

<table>
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<tr>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.123</td>
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<tr>
<td>OuterMembrane</td>
<td>0.100</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.119</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.152</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.506 *</td>
</tr>
</tbody>
</table>
chemo-typy  Cytoplasmic  0.899
  Neighboring  Cytoplasmic  0.914

Combined SVM classifier:
  Extracellular  0.320
  OuterMembrane  0.184
  Periplasmic  0.239
  InnerMembrane  0.146
  Cytoplasmic  4.111 *

***************************************************************************************
******
SeqID: fig|6666666.171271.peg.14
 CELLO prediction:
  (predictor  location   reliable-index)
    Composition  Cytoplasmic  0.326
    Di-peptide  Cytoplasmic  0.845
    part-Comp.  Cytoplasmic  0.748
    chemo-typy  Cytoplasmic  0.775
    Neighboring  Cytoplasmic  0.714

Combined SVM classifier:
  Extracellular  0.432
  OuterMembrane  0.228
  Periplasmic  0.371
  InnerMembrane  0.562
  Cytoplasmic  3.407 *

***************************************************************************************
******
SeqID: fig|6666666.171271.peg.15
 CELLO prediction:
  (predictor  location   reliable-index)
    Composition  Cytoplasmic  0.891
    Di-peptide  Cytoplasmic  0.542
    part-Comp.  Cytoplasmic  0.892
    chemo-typy  Cytoplasmic  0.301
    Neighboring  Cytoplasmic  0.956

Combined SVM classifier:
  Extracellular  0.492
  OuterMembrane  0.524
  Periplasmic  0.257
  InnerMembrane  0.146
  Cytoplasmic  3.582 *

***************************************************************************************
******
SeqID: fig|6666666.171271.peg.16
 CELLO prediction:
  (predictor  location   reliable-index)
    Composition  Cytoplasmic  0.383
    Di-peptide  OuterMembrane  0.444
    part-Comp.  Cytoplasmic  0.443
    chemo-typy  Cytoplasmic  0.489
    Neighboring  OuterMembrane  0.359

Combined SVM classifier:
Extracellular 0.480
OuterMembrane 1.332
Periplasmic 0.561
InnerMembrane 0.519
Cytoplasmic 2.108 *

SeqID: fig|6666666.171271.peg.17
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.625
Di-peptide Cytoplasmic 0.458
part-Comp. Extracellular 0.532
chemo-typy Extracellular 0.508
Neighboring OuterMembrane 0.601

Combined SVM classifier:
Extracellular 2.146 *
OuterMembrane 1.440
Periplasmic 0.438
InnerMembrane 0.253
Cytoplasmic 0.723

SeqID: fig|6666666.171271.peg.18
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.432
Di-peptide Cytoplasmic 0.875
part-Comp. Cytoplasmic 0.594
chemo-typy Cytoplasmic 0.783
Neighboring Cytoplasmic 0.637

Combined SVM classifier:
Extracellular 0.513
OuterMembrane 0.186
Periplasmic 0.736
InnerMembrane 0.243
Cytoplasmic 3.322 *

SeqID: fig|6666666.171271.peg.19
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.686
Di-peptide Cytoplasmic 0.828
part-Comp. Cytoplasmic 0.913
chemo-typy Cytoplasmic 0.797
Neighboring Cytoplasmic 0.563

Combined SVM classifier:
Extracellular 0.578
OuterMembrane 0.427
Periplasmic 0.094
InnerMembrane 0.113
Cytoplasmic 3.787 *

SeqID: fig|6666666.171271.peg.20
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.431
Di-peptide   Cytoplasmic  0.892
part-Comp.   Cytoplasmic  0.599
chemo-typy  Cytoplasmic  0.589
Neighboring  Cytoplasmic  0.910

Combined SVM classifier:
Extracellular  0.468
OuterMembrane  0.202
Periplasmic    0.707
InnerMembrane  0.201
Cytoplasmic    3.421 *

SeqID: fig|6666666.171271.peg.21
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.887
Di-peptide   Cytoplasmic  0.923
part-Comp.   Cytoplasmic  0.885
chemo-typy  Cytoplasmic  0.888
Neighboring  Cytoplasmic  0.925

Combined SVM classifier:
Extracellular  0.111
OuterMembrane  0.124
Periplasmic    0.108
InnerMembrane  0.149
Cytoplasmic    4.508 *

SeqID: fig|6666666.171271.peg.22
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.423
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  0.927
chemo-typy  InnerMembrane  0.999
Neighboring  InnerMembrane  0.710

Combined SVM classifier:
Extracellular  0.192
OuterMembrane  0.109
Periplasmic    0.226
InnerMembrane  4.058 *
Cytoplasmic    0.415
SeqID: fig|6666666.171271.peg.23
CELOLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.511
Di-peptide InnerMembrane 0.981
part-Comp. Cytoplasmic 0.445
chemo-typy InnerMembrane 0.818
Neighboring InnerMembrane 0.759

Combined SVM classifier:
Extracellular 0.352
OuterMembrane 0.153
Periplasmic 0.357
InnerMembrane 3.356 *
Cytoplasmic 0.782

SeqID: fig|6666666.171271.peg.24
CELOLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.478
Di-peptide InnerMembrane 0.880
part-Comp. InnerMembrane 0.441
chemo-typy Periplasmic 0.727
Neighboring InnerMembrane 0.532

Combined SVM classifier:
Extracellular 0.413
OuterMembrane 0.589
Periplasmic 0.866
InnerMembrane 2.195 *
Cytoplasmic 0.936

SeqID: fig|6666666.171271.peg.25
CELOLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.558
Di-peptide Cytoplasmic 0.890
part-Comp. Cytoplasmic 0.803
chemo-typy Cytoplasmic 0.915
Neighboring Cytoplasmic 0.624

Combined SVM classifier:
Extracellular 0.290
OuterMembrane 0.342
Periplasmic 0.330
InnerMembrane 0.249
Cytoplasmic 3.790 *

SeqID: fig|6666666.171271.peg.26
CELOLO prediction:
<table>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.673</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.645</td>
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</table>

Combined SVM classifier:

* Extracellular 0.414
* OuterMembrane 0.221
* Periplasmic 0.708
* InnerMembrane 3.000
* Cytoplasmic 0.658

SeqID: fig|6666666.171271.peg.27

CELLO prediction:

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<tbody>
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<tr>
<td>Di-peptide</td>
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<tr>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.475</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.610</td>
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</tbody>
</table>

Combined SVM classifier:

* Extracellular 1.319
* OuterMembrane 0.208
* Periplasmic 0.588
* InnerMembrane 0.257
* Cytoplasmic 2.629

SeqID: fig|6666666.171271.peg.28

CELLO prediction:

<table>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.651</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.777</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

* Extracellular 0.459
* OuterMembrane 0.250
* Periplasmic 0.664
* InnerMembrane 0.286
* Cytoplasmic 3.341

SeqID: fig|6666666.171271.peg.29

CELLO prediction:

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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.886</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.869</td>
</tr>
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</table>
chemo-typy  Cytoplasmic  0.945
Neighboring  Cytoplasmic  0.657

Combined SVM classifier:
  Extracellular  0.382
  OuterMembrane  0.065
  Periplasmic  0.257
  InnerMembrane  0.061
  Cytoplasmic  4.235 *

SeqID: fig|6666666.171271.peg.30
CELLO prediction:
(predictor  location   reliable-index)
  Composition  OuterMembrane  0.543
  Di-peptide  Cytoplasmic  0.517
  part-Comp.  OuterMembrane  0.300
  chemo-typy  Periplasmic  0.674
  Neighboring  OuterMembrane  0.768

Combined SVM classifier:
  Extracellular  0.764
  OuterMembrane  1.898 *
  Periplasmic  0.975
  InnerMembrane  0.342
  Cytoplasmic  1.020

SeqID: fig|6666666.171271.peg.31
CELLO prediction:
(predictor  location   reliable-index)
  Composition  OuterMembrane  0.630
  Di-peptide  Extracellular  0.503
  part-Comp.  Extracellular  0.482
  chemo-typy  Cytoplasmic  0.342
  Neighboring  OuterMembrane  0.520

Combined SVM classifier:
  Extracellular  1.747 *
  OuterMembrane  1.596 *
  Periplasmic  0.584
  InnerMembrane  0.069
  Cytoplasmic  1.004

SeqID: fig|6666666.171271.peg.32
CELLO prediction:
(predictor  location   reliable-index)
  Composition  Cytoplasmic  0.821
  Di-peptide  Cytoplasmic  0.761
  part-Comp.  Cytoplasmic  0.923
  chemo-typy  Cytoplasmic  0.524
  Neighboring  Cytoplasmic  0.975

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.170</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.256</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.340</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.230</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.005 *</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.33**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.797</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.923</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.502</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.782</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.832</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.337</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.092</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.600</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.135</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.836 *</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.34**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.318</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.827</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.451</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.501</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.617</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.715</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>2.234 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.488</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.228</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.335</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.35**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.411</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.745</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.580</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.508</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.649</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.872</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.956 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.291</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.186</td>
</tr>
</tbody>
</table>
Cytoplasmic 1.695 *

SeqID: fig|6666666.171271.peg.36

CELLO prediction:

(predictor  location   reliable-index)
Composition InnerMembrane 0.997
Di-peptide InnerMembrane 0.978
part-Comp. InnerMembrane 0.780
chemo-typy InnerMembrane 0.820
Neighboring InnerMembrane 0.987

Combined SVM classifier:

Extracellular 0.031
OuterMembrane 0.062
Periplasmic 0.034
InnerMembrane 4.561 *
Cytoplasmic 0.312

SeqID: fig|6666666.171271.peg.37

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.639
Di-peptide Cytoplasmic 0.957
part-Comp. Cytoplasmic 0.652
chemo-typy Cytoplasmic 0.940
Neighboring Cytoplasmic 0.796

Combined SVM classifier:

Extracellular 0.238
OuterMembrane 0.119
Periplasmic 0.360
InnerMembrane 0.299
Cytoplasmic 3.984 *

SeqID: fig|6666666.171271.peg.38

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.358
Di-peptide Cytoplasmic 0.951
part-Comp. Cytoplasmic 0.499
chemo-typy Cytoplasmic 0.830
Neighboring Cytoplasmic 0.802

Combined SVM classifier:

Extracellular 0.449
OuterMembrane 0.215
Periplasmic 0.589
InnerMembrane 0.307
Cytoplasmic 3.440 *
SeqID: fig|6666666.171271.peg.39

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.403</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.857</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.534</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.975</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.712</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Membrane Type</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.452</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.257</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.505</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.306</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.480 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.40

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.870</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.927</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.801</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.918</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.533</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Membrane Type</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.306</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.119</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.353</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.175</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.048 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.41

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.994</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.763</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.999</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Membrane Type</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.059</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.099</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.039</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.756 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.047</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.42

CELLO prediction:
Composition OuterMembrane 0.917
Di-peptide OuterMembrane 0.467
part-Comp. InnerMembrane 0.852
chemo-typy InnerMembrane 0.483
Neighboring InnerMembrane 0.935

Combined SVM classifier:
Extracellular 0.202
OuterMembrane 1.800
Periplasmic 0.101
InnerMembrane 2.740 *
Cytoplasmic 0.158

SeqID: fig|6666666.171271.peg.43
CELLO prediction:
Composition Extracellular 0.525
Di-peptide Extracellular 0.582
part-Comp. Extracellular 0.389
chemo-typy OuterMembrane 0.521
Neighboring Extracellular 0.354

Combined SVM classifier:
Extracellular 2.182 *
OuterMembrane 1.624 *
Periplasmic 0.893
InnerMembrane 0.107
Cytoplasmic 0.194

SeqID: fig|6666666.171271.peg.44
CELLO prediction:
Composition OuterMembrane 0.787
Di-peptide OuterMembrane 0.922
part-Comp. InnerMembrane 0.471
chemo-typy OuterMembrane 0.931
Neighboring OuterMembrane 0.917

Combined SVM classifier:
Extracellular 0.451
OuterMembrane 3.860 *
Periplasmic 0.052
InnerMembrane 0.565
Cytoplasmic 0.072

SeqID: fig|6666666.171271.peg.45
CELLO prediction:
Composition Extracellular 0.449
Di-peptide Extracellular 0.502
part-Comp. Extracellular 0.635
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane 0.283</td>
<td></td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.548</td>
<td></td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.332</td>
<td></td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic 0.456</td>
<td></td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic 0.542</td>
<td></td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**
- Extracellular 0.679
- OuterMembrane 0.221
- Periplasmic 1.786 *
- InnerMembrane 0.674
- Cytoplasmic 1.641 *

SeqID: fig|6666666.171271.peg.47

**CELLO prediction:**
(predictor location reliable-index)
- Composition InnerMembrane 0.947
- Di-peptide InnerMembrane 1.000
- part-Comp. InnerMembrane 0.985
- chemo-typy InnerMembrane 0.990
- Neighboring InnerMembrane 0.997

**Combined SVM classifier:**
- Extracellular 0.017
- OuterMembrane 0.014
- Periplasmic 0.020
- InnerMembrane 4.919 *
- Cytoplasmic 0.030

SeqID: fig|6666666.171271.peg.48

**CELLO prediction:**
(predictor location reliable-index)
- Composition Periplasmic 0.270
- Di-peptide Periplasmic 0.424
- part-Comp. Cytoplasmic 0.356
- chemo-typy Cytoplasmic 0.873
- Neighboring Extracellular 0.298

**Combined SVM classifier:**
Extracellular 0.806
OuterMembrane 0.430
Periplasmic 1.284
InnerMembrane 0.495
Cytoplasmic 1.985 *

SeqID: fig|6666666.171271.peg.49
CELLO prediction:
(predictor  location   reliable-index)
Composition      Cytoplasmic  0.482
Di-peptide       OuterMembrane  0.515
part-Comp.       Cytoplasmic  0.504
chemo-typy      Periplasmic  0.612
Neighboring      Cytoplasmic  0.295

Combined SVM classifier:
Extracellular 0.783
OuterMembrane 1.090
Periplasmic  1.149 *
InnerMembrane 0.173
Cytoplasmic  1.805 *

SeqID: fig|6666666.171271.peg.50
CELLO prediction:
(predictor  location   reliable-index)
Composition      InnerMembrane  0.637
Di-peptide       InnerMembrane  0.967
part-Comp.       Cytoplasmic  0.525
chemo-typy      InnerMembrane  0.982
Neighboring      Cytoplasmic  0.394

Combined SVM classifier:
Extracellular 0.248
OuterMembrane 0.277
Periplasmic  0.232
InnerMembrane 3.185 *
Cytoplasmic  1.057

SeqID: fig|6666666.171271.peg.51
CELLO prediction:
(predictor  location   reliable-index)
Composition      Cytoplasmic  0.532
Di-peptide       OuterMembrane  0.670
part-Comp.       OuterMembrane  0.624
chemo-typy      Periplasmic  0.462
Neighboring      Cytoplasmic  0.598

Combined SVM classifier:
Extracellular 0.600
OuterMembrane 1.954 *
Periplasmic  0.671
InnerMembrane 0.204
Cytoplasmic 1.571 *

SeqID: fig|6666666.171271.peg.52
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.928
Di-peptide Cytoplasmic 0.978
part-Comp. Cytoplasmic 0.961
chemo-typy Cytoplasmic 0.647
Neighboring Cytoplasmic 0.846

Combined SVM classifier:
Extracellular 0.218
OuterMembrane 0.047
Periplasmic 0.290
InnerMembrane 0.085
Cytoplasmic 4.360 *

SeqID: fig|6666666.171271.peg.53
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.840
Di-peptide Cytoplasmic 0.907
part-Comp. Cytoplasmic 0.802
chemo-typy Cytoplasmic 0.947
Neighboring Cytoplasmic 0.807

Combined SVM classifier:
Extracellular 0.104
OuterMembrane 0.046
Periplasmic 0.397
InnerMembrane 0.149
Cytoplasmic 4.304 *

SeqID: fig|6666666.171271.peg.54
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.996
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.981
Neighboring InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.003
OuterMembrane 0.005
Periplasmic 0.008
InnerMembrane 4.977 *
Cytoplasmic 0.007
SeqID: fig|6666666.171271.peg.55
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.893
Di-peptide     Cytoplasmic  0.970
part-Comp.     Cytoplasmic  0.929
chemo-typy     Cytoplasmic  0.789
Neighboring    Cytoplasmic  0.985

Combined SVM classifier:

Extracellular  0.084
OuterMembrane  0.118
Periplasmic    0.151
InnerMembrane  0.081
Cytoplasmic    4.566 *

SeqID: fig|6666666.171271.peg.56
CELLO prediction:
(predictor  location   reliable-index)
Composition    Extracellular  0.307
Di-peptide     Extracellular  0.388
part-Comp.     Cytoplasmic  0.307
chemo-typy     OuterMembrane  0.352
Neighboring    Extracellular  0.523

Combined SVM classifier:

Extracellular  1.680 *
OuterMembrane  1.254 *
Periplasmic    0.389
InnerMembrane  0.721
Cytoplasmic    0.956

SeqID: fig|6666666.171271.peg.57
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.249
Di-peptide     InnerMembrane  0.820
part-Comp.     Cytoplasmic  0.508
chemo-typy     Cytoplasmic  0.538
Neighboring    Cytoplasmic  0.473

Combined SVM classifier:

Extracellular  0.620
OuterMembrane  0.244
Periplasmic    0.622
InnerMembrane  1.610 *
Cytoplasmic    1.904 *

SeqID: fig|6666666.171271.peg.58
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.801
Di-peptide Cytoplasmic 0.829
part-Comp. Cytoplasmic 0.596
chemo-typy Cytoplasmic 0.829
Neighboring Cytoplasmic 0.577

Combined SVM classifier:
Extracellular 0.643
OuterMembrane 0.411
Periplasmic 0.262
InnerMembrane 0.052
Cytoplasmic 3.631 *

SeqID: fig|6666666.171271.peg.59
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.923
Di-peptide Cytoplasmic 0.762
part-Comp. Cytoplasmic 0.910
chemo-typy Periplasmic 0.503
Neighboring Cytoplasmic 0.837

Combined SVM classifier:
Extracellular 0.219
OuterMembrane 0.417
Periplasmic 0.720
InnerMembrane 0.097
Cytoplasmic 3.546 *

SeqID: fig|6666666.171271.peg.60
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.425
Di-peptide Cytoplasmic 0.889
part-Comp. Cytoplasmic 0.804
chemo-typy Cytoplasmic 0.936
Neighboring Cytoplasmic 0.811

Combined SVM classifier:
Extracellular 0.467
OuterMembrane 0.332
Periplasmic 0.244
InnerMembrane 0.092
Cytoplasmic 3.865 *

SeqID: fig|6666666.171271.peg.61
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.826
Di-peptide Cytoplasmic 0.915
part-Comp. Cytoplasmic 0.803
Chemotyphic Cytoplasmic 0.944
Neighboring Cytoplasmic 0.509

Combined SVM classifier:
Extracellular 0.048
OuterMembrane 0.157
Periplasmic 0.343
InnerMembrane 0.456
Cytoplasmic 3.996 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.62
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.729
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.822
chemo-typy Cytoplasmic 0.961
Neighboring Cytoplasmic 0.975

Combined SVM classifier:
Extracellular 0.184
OuterMembrane 0.055
Periplasmic 0.140
InnerMembrane 0.151
Cytoplasmic 4.470 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.63
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.309
Di-peptide Cytoplasmic 0.593
part-Comp. Cytoplasmic 0.483
chemo-typy Cytoplasmic 0.561
Neighboring OuterMembrane 0.500

Combined SVM classifier:
Extracellular 0.756
OuterMembrane 1.103
Periplasmic 0.723
InnerMembrane 0.239
Cytoplasmic 2.179 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.64
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.638
Di-peptide Cytoplasmic 0.921
part-Comp. Cytoplasmic 0.573
chemo-typy Cytoplasmic 0.809
Neighboring Cytoplasmic 0.810

Combined SVM classifier:
Extracellular 0.149
OuterMembrane 0.519
Periplasmic 0.190
InnerMembrane 0.390
Cytoplasmic 3.752 *

SeqID: fig|6666666.171271.peg.65
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.671
Di-peptide InnerMembrane 0.537
part-Comp. InnerMembrane 0.498
chemo-typy InnerMembrane 0.659
Neighboring InnerMembrane 0.613

Combined SVM classifier:
Extracellular 0.266
OuterMembrane 0.822
Periplasmic 0.124
InnerMembrane 2.436 *
Cytoplasmic 1.353

SeqID: fig|6666666.171271.peg.66
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.363
Di-peptide Cytoplasmic 0.498
part-Comp. Cytoplasmic 0.369
chemo-typy Periplasmic 0.658
Neighboring Extracellular 0.578

Combined SVM classifier:
Extracellular 1.333 *
OuterMembrane 0.412
Periplasmic 1.321 *
InnerMembrane 0.248
Cytoplasmic 1.686 *

SeqID: fig|6666666.171271.peg.67
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.475
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.823
chemo-typy Cytoplasmic 0.799
Neighboring Cytoplasmic 0.905

Combined SVM classifier:
Extracellular 0.299
OuterMembrane 0.138
Periplasmic 0.363
InnerMembrane 0.215
SeqID: fig|6666666.171271.peg.68
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.817
Di-peptide Cytoplasmic 0.676
part-Comp. Cytoplasmic 0.915
chemo-typy Cytoplasmic 0.366
Neighboring Cytoplasmic 0.963

Combined SVM classifier:
Extracellular 0.439
OuterMembrane 0.532
Periplasmic 0.190
InnerMembrane 0.102
Cytoplasmic 3.738 *

SeqID: fig|6666666.171271.peg.69
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.447
Di-peptide OuterMembrane 0.597
part-Comp. Cytoplasmic 0.623
chemo-typy Periplasmic 0.405
Neighboring OuterMembrane 0.596

Combined SVM classifier:
Extracellular 0.641
OuterMembrane 1.514 *
Periplasmic 0.619
InnerMembrane 0.547
Cytoplasmic 1.679 *

SeqID: fig|6666666.171271.peg.70
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.307
Di-peptide OuterMembrane 0.523
part-Comp. Cytoplasmic 0.431
chemo-typy Cytoplasmic 0.396
Neighboring Cytoplasmic 0.613

Combined SVM classifier:
Extracellular 1.401 *
OuterMembrane 0.895
Periplasmic 0.510
InnerMembrane 0.199
Cytoplasmic 1.995 *
SeqID: fig|6666666.171271.peg.71
CELLO prediction:
(predictor      location      reliable-index)
Composition     Periplasmic   0.267
Di-peptide      Extracellular 0.553
part-Comp.      Cytoplasmic  0.339
chemo-typy      Extracellular 0.649
Neighboring     Extracellular 0.453

Combined SVM classifier:
Extracellular   2.135 *
OuterMembrane   0.418
Periplasmic     0.862
InnerMembrane   0.369
Cytoplasmic     1.217

SeqID: fig|6666666.171271.peg.72
CELLO prediction:
(predictor      location      reliable-index)
Composition     Cytoplasmic   0.779
Di-peptide      Cytoplasmic  0.822
part-Comp.      OuterMembrane 0.421
chemo-typy      Cytoplasmic  0.895
Neighboring     Cytoplasmic  0.893

Combined SVM classifier:
Extracellular   0.213
OuterMembrane   0.610
Periplasmic     0.299
InnerMembrane   0.149
Cytoplasmic     3.729 *

SeqID: fig|6666666.171271.peg.73
CELLO prediction:
(predictor      location      reliable-index)
Composition     Periplasmic   0.334
Di-peptide      Cytoplasmic  0.502
part-Comp.      Cytoplasmic  0.314
chemo-typy      Cytoplasmic  0.772
Neighboring     Periplasmic  0.443

Combined SVM classifier:
Extracellular   0.812
OuterMembrane   0.225
Periplasmic     1.731 *
InnerMembrane   0.295
Cytoplasmic     1.937 *

SeqID: fig|6666666.171271.peg.74
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.514
Di-peptide  Cytoplasmic  0.926
part-Comp.  Cytoplasmic  0.538
chemo-typy  Cytoplasmic  0.934
Neighboring  Cytoplasmic  0.512

Combined SVM classifier:
Extracellular  0.423
OuterMembrane  0.255
Periplasmic  0.535
InnerMembrane  0.363
Cytoplasmic  3.424 *

SeqID: fig|6666666.171271.peg.75
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.324
Di-peptide  Cytoplasmic  0.739
part-Comp.  Cytoplasmic  0.363
chemo-typy  Cytoplasmic  0.784
Neighboring  Cytoplasmic  0.618

Combined SVM classifier:
Extracellular  0.926
OuterMembrane  0.417
Periplasmic  0.581
InnerMembrane  0.248
Cytoplasmic  2.828 *

SeqID: fig|6666666.171271.peg.76
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.652
Di-peptide  Cytoplasmic  0.749
part-Comp.  Cytoplasmic  0.743
chemo-typy  Periplasmic  0.622
Neighboring  Cytoplasmic  0.841

Combined SVM classifier:
Extracellular  0.363
OuterMembrane  0.182
Periplasmic  0.933
InnerMembrane  0.364
Cytoplasmic  3.158 *

SeqID: fig|6666666.171271.peg.77
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.817
Di-peptide  Cytoplasmic  0.974
part-Comp.  Cytoplasmic  0.721
chemo-typy  Cytoplasmic  0.935  
  Neighboring  Cytoplasmic  0.833  

Combined SVM classifier:  
  Extracellular  0.121  
  OuterMembrane  0.148  
  Periplasmic  0.239  
  InnerMembrane  0.214  
  Cytoplasmic  4.279  *

SeqID: fig|6666666.171271.peg.78  
CELLO prediction:  
  (predictor location reliable-index)  
  Composition  Cytoplasmic  0.834  
  Di-peptide  Cytoplasmic  0.983  
  part-Comp.  Cytoplasmic  0.980  
  chemo-typy  Cytoplasmic  0.915  
  Neighboring  Cytoplasmic  0.981  

Combined SVM classifier:  
  Extracellular  0.096  
  OuterMembrane  0.062  
  Periplasmic  0.091  
  InnerMembrane  0.057  
  Cytoplasmic  4.694  *

SeqID: fig|6666666.171271.peg.79  
CELLO prediction:  
  (predictor location reliable-index)  
  Composition  Cytoplasmic  0.387  
  Di-peptide  Cytoplasmic  0.970  
  part-Comp.  Cytoplasmic  0.622  
  chemo-typy  Cytoplasmic  0.990  
  Neighboring  Cytoplasmic  0.964  

Combined SVM classifier:  
  Extracellular  0.483  
  OuterMembrane  0.116  
  Periplasmic  0.298  
  InnerMembrane  0.171  
  Cytoplasmic  3.933  *

SeqID: fig|6666666.171271.peg.80  
CELLO prediction:  
  (predictor location reliable-index)  
  Composition  Cytoplasmic  0.787  
  Di-peptide  Cytoplasmic  0.826  
  part-Comp.  Cytoplasmic  0.608  
  chemo-typy  Cytoplasmic  0.358  
  Neighboring  Cytoplasmic  0.893  

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Cello Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>Outer Membrane</td>
<td>0.594</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.415</td>
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<tr>
<td>Inner Membrane</td>
<td>0.320</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.473 *</td>
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</table>

SeqID: fig|6666666.171271.peg.81
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.347
Di-peptide Extracellular 0.331
part-Comp. Extracellular 0.701
chemo-typy Extracellular 0.658
Neighboring Extracellular 0.584

Combined SVM classifier:
Extracellular 2.622 *
Outer Membrane 0.804
Periplasmic 0.608
Inner Membrane 0.209
Cytoplasmic 0.757

SeqID: fig|6666666.171271.peg.82
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.775
part-Comp. Extracellular 0.327
chemo-typy Periplasmic 0.852
Neighboring Extracellular 0.466

Combined SVM classifier:
Extracellular 1.067 *
Outer Membrane 0.686
Periplasmic 1.256 *
Inner Membrane 0.453
Cytoplasmic 1.537 *

SeqID: fig|6666666.171271.peg.83
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.571
Di-peptide Cytoplasmic 0.763
part-Comp. Cytoplasmic 0.656
chemo-typy Cytoplasmic 0.731
Neighboring Cytoplasmic 0.664

Combined SVM classifier:
Extracellular 0.313
Outer Membrane 0.398
Periplasmic 0.564
Inner Membrane 0.340
### SeqID: fig|6666666.171271.peg.84

**CELLO prediction:**

<table>
<thead>
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<th>Predictor</th>
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<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.782</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.932</td>
</tr>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.705</td>
</tr>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.561</td>
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<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.860</td>
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**Combined SVM classifier:**

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<tr>
<th>Location</th>
<th>Classifier</th>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.272</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.484</td>
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<tr>
<td>InnerMembrane</td>
<td>0.168</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.840 *</td>
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### SeqID: fig|6666666.171271.peg.85

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.964</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.986</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.997</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.963</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.970</td>
</tr>
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**Combined SVM classifier:**

<table>
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<th>Location</th>
<th>Classifier</th>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.015</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.037</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.880 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.052</td>
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### SeqID: fig|6666666.171271.peg.86

**CELLO prediction:**

<table>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.864</td>
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<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.863</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.962</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.964</td>
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**Combined SVM classifier:**

<table>
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<th>Classifier</th>
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<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.034</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.087</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.202</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.626 *</td>
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</tbody>
</table>
SeqID: fig|6666666.171271.peg.87
CELLO prediction:

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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.894</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.981</td>
</tr>
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</table>

Combined SVM classifier:

| Extracellular | 0.118 |
| OuterMembrane | 0.094 |
| Periplasmic   | 0.126 |
| InnerMembrane | 0.049 |
| Cytoplasmic   | 4.612 * |

SeqID: fig|6666666.171271.peg.88
CELLO prediction:

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<tr>
<td>Composition</td>
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<td>0.530</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.881</td>
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</table>

Combined SVM classifier:

| Extracellular | 0.499 |
| OuterMembrane | 0.390 |
| Periplasmic   | 0.972 |
| InnerMembrane | 0.306 |
| Cytoplasmic   | 2.834 * |

SeqID: fig|6666666.171271.peg.89
CELLO prediction:

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<tr>
<td>Composition</td>
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<td>0.261</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.993</td>
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<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.711</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.577</td>
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</table>

Combined SVM classifier:

| Extracellular | 0.678 |
| OuterMembrane | 0.201 |
| Periplasmic   | 0.611 |
| InnerMembrane | 2.656 * |
| Cytoplasmic   | 0.854 |

SeqID: fig|6666666.171271.peg.90
CELLO prediction:
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.732</td>
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Combined SVM classifier:

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<tr>
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<tr>
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<tr>
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<td>InnerMembrane</td>
<td>0.336</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.260 *</td>
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SeqID: fig|6666666.171271.peg.91
CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>0.643</td>
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Combined SVM classifier:

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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.577</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.235</td>
</tr>
<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
<td>0.359</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.923 *</td>
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SeqID: fig|6666666.171271.peg.92
CELLO prediction:

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<td>0.896</td>
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<tr>
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<td>0.873</td>
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Combined SVM classifier:

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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.243</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.927 *</td>
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SeqID: fig|6666666.171271.peg.93
CELLO prediction:

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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
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<td>0.953</td>
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</table>
chemo-typy  Cytoplasmic  0.942  
Neighboring  Cytoplasmic  0.948  

Combined SVM classifier:  
Extracellular  0.170  
OuterMembrane  0.060  
Periplasmic  0.294  
InnerMembrane  0.181  
Cytoplasmic  4.295 * 

SeqID: fig|6666666.171271.peg.94  
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.963  
Di-peptide  Cytoplasmic  0.802  
part-Comp.  Cytoplasmic  0.850  
chemo-typy  Cytoplasmic  0.701  
Neighboring  Cytoplasmic  0.785  

Combined SVM classifier:  
Extracellular  0.260  
OuterMembrane  0.284  
Periplasmic  0.301  
InnerMembrane  0.054  
Cytoplasmic  4.101 * 

SeqID: fig|6666666.171271.peg.95  
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  InnerMembrane  0.394  
Di-peptide  InnerMembrane  0.998  
part-Comp.  InnerMembrane  0.425  
chemo-typy  InnerMembrane  0.815  
Neighboring  InnerMembrane  0.758  

Combined SVM classifier:  
Extracellular  0.452  
OuterMembrane  0.278  
Periplasmic  0.311  
InnerMembrane  0.286  
Cytoplasmic  3.674 * 

SeqID: fig|6666666.171271.peg.96  
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  InnerMembrane  0.394  
Di-peptide  InnerMembrane  0.998  
part-Comp.  InnerMembrane  0.425  
chemo-typy  InnerMembrane  0.815  
Neighboring  InnerMembrane  0.758  

Combined SVM classifier:
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<td>Periplasmic</td>
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<td>Inner Membrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.628</td>
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SeqID: fig|6666666.171271.peg.97
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.490
Di-peptide Cytoplasmic 0.900
part-Comp. Cytoplasmic 0.848
chemo-typy Cytoplasmic 0.580
Neighboring Cytoplasmic 0.754

Combined SVM classifier:
Extracellular 0.412
Outer Membrane 0.452
Periplasmic 0.415
Inner Membrane 0.148
Cytoplasmic 3.573 *

SeqID: fig|6666666.171271.peg.98
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.569
Di-peptide Outer Membrane 0.321
part-Comp. Cytoplasmic 0.909
chemo-typy Inner Membrane 0.281
Neighboring Cytoplasmic 0.932

Combined SVM classifier:
Extracellular 0.607
Outer Membrane 0.736
Periplasmic 0.199
Inner Membrane 0.534
Cytoplasmic 2.924 *

SeqID: fig|6666666.171271.peg.99
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.344
Di-peptide Inner Membrane 0.822
part-Comp. Cytoplasmic 0.489
chemo-typy Periplasmic 0.886
Neighboring Cytoplasmic 0.649

Combined SVM classifier:
Extracellular 0.373
Outer Membrane 0.369
Periplasmic 1.206 *
Inner Membrane 1.385 *
Cytoplasmic 1.668 *

SeqID: fig|6666666.171271.peg.100
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.299
Di-peptide    Cytoplasmic  0.859
part-Comp.    Cytoplasmic  0.588
chemo-typy   Cytoplasmic  0.740
Neighboring  Cytoplasmic  0.733

Combined SVM classifier:
Extracellular  0.596
OuterMembrane  0.271
Periplasmic    0.640
InnerMembrane  0.273
Cytoplasmic    3.220 *

SeqID: fig|6666666.171271.peg.101
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.960
Di-peptide    Cytoplasmic  0.939
part-Comp.    Cytoplasmic  0.982
chemo-typy   Cytoplasmic  0.952
Neighboring  Cytoplasmic  0.998

Combined SVM classifier:
Extracellular  0.028
OuterMembrane  0.064
Periplasmic    0.021
InnerMembrane  0.058
Cytoplasmic    4.830 *

SeqID: fig|6666666.171271.peg.102
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.278
Di-peptide    InnerMembrane  0.524
part-Comp.    Cytoplasmic   0.376
chemo-typy   Extracellular  0.560
Neighboring  OuterMembrane  0.333

Combined SVM classifier:
Extracellular  1.165 *
OuterMembrane  0.753
Periplasmic    0.683
InnerMembrane  1.334 *
Cytoplasmic    1.064 *
SeqID: fig|6666666.171271.peg.103
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.676
Di-peptide Periplasmic 0.631
part-Comp. Cytoplasmic 0.835
chemo-typy Cytoplasmic 0.914
Neighboring Cytoplasmic 0.804

Combined SVM classifier:

Extracellular 0.108
OuterMembrane 0.061
Periplasmic 1.196
InnerMembrane 0.139
Cytoplasmic 3.497 *

SeqID: fig|6666666.171271.peg.104
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.535
Di-peptide Cytoplasmic 0.932
part-Comp. Cytoplasmic 0.859
chemo-typy Cytoplasmic 0.692
Neighboring Cytoplasmic 0.961

Combined SVM classifier:

Extracellular 0.362
OuterMembrane 0.108
Periplasmic 0.376
InnerMembrane 0.176
Cytoplasmic 3.978 *

SeqID: fig|6666666.171271.peg.105
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.666
Di-peptide Cytoplasmic 0.610
part-Comp. Cytoplasmic 0.848
chemo-typy Cytoplasmic 0.320
Neighboring Cytoplasmic 0.896

Combined SVM classifier:

Extracellular 0.471
OuterMembrane 0.789
Periplasmic 0.298
InnerMembrane 0.102
Cytoplasmic 3.340 *

SeqID: fig|6666666.171271.peg.106
CELLO prediction:
| SeqID: fig|6666666.171271.peg.107 | CELLO prediction: |
|-----------------------------------------------|
| (predictor          | location        | reliable-index) |
| Composition          | Cytoplasmic     | 0.601            |
| Di-peptide           | Cytoplasmic     | 0.899            |
| part-Comp.           | Cytoplasmic     | 0.499            |
| chemo-typy           | Cytoplasmic     | 0.978            |
| Neighboring          | Cytoplasmic     | 0.863            |

Combined SVM classifier:

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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.389</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.195</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.840 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.108
CELLO prediction:

| (predictor          | location        | reliable-index) |
| Composition          | InnerMembrane   | 0.340            |
| Di-peptide           | OuterMembrane   | 0.333            |
| part-Comp.           | InnerMembrane   | 0.485            |
| chemo-typy           | InnerMembrane   | 0.456            |
| Neighboring          | InnerMembrane   | 0.730            |

Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.180</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.528 *</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.109
CELLO prediction:

| (predictor          | location        | reliable-index) |
| Composition          | Cytoplasmic     | 0.623            |
| Di-peptide           | Cytoplasmic     | 0.585            |
| part-Comp.           | Cytoplasmic     | 0.551            |

Combined SVM classifier:

<table>
<thead>
<tr>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.962</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.297</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>2.275 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.811</td>
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</tbody>
</table>
cheto-typsy Extracellular 0.616
Neighboring Cytoplasmic 0.389

Combined SVM classifier:
Extracellular 1.162
OuterMembrane 1.016
Periplasmic 0.343
InnerMembrane 0.204
Cytoplasmic 2.276 *

SeqID: fig|6666666.171271.peg.110
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.866
Di-peptide Cytoplasmic 0.848
part-Comp. Cytoplasmic 0.691
cheto-typsy Cytoplasmic 0.555
Neighboring Cytoplasmic 0.955

Combined SVM classifier:
Extracellular 0.325
OuterMembrane 0.262
Periplasmic 0.434
InnerMembrane 0.065
Cytoplasmic 3.915 *

SeqID: fig|6666666.171271.peg.111
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.257
Di-peptide Cytoplasmic 0.873
part-Comp. Cytoplasmic 0.438
cheto-typsy Cytoplasmic 0.688
Neighboring Cytoplasmic 0.425

Combined SVM classifier:
Extracellular 0.609
OuterMembrane 0.303
Periplasmic 0.854
InnerMembrane 0.558
Cytoplasmic 2.677 *

SeqID: fig|6666666.171271.peg.112
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.676
Di-peptide OuterMembrane 0.480
part-Comp. Cytoplasmic 0.807
cheto-typsy OuterMembrane 0.685
Neighboring Cytoplasmic 0.418

Combined SVM classifier:
Extracellular 0.507
OuterMembrane 1.574
Periplasmic 0.181
InnerMembrane 0.349
Cytoplasmic 2.389 *

SeqID: fig|6666666.171271.peg.113
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.829
Di-peptide Cytoplasmic 0.847
part-Comp. Cytoplasmic 0.696
chemo-typy Cytoplasmic 0.488
Neighboring Cytoplasmic 0.884

Combined SVM classifier:
Extracellular 0.396
OuterMembrane 0.131
Periplasmic 0.666
InnerMembrane 0.063
Cytoplasmic 3.744 *

SeqID: fig|6666666.171271.peg.114
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.268
Di-peptide Cytoplasmic 0.753
part-Comp. Cytoplasmic 0.381
chemo-typy Cytoplasmic 0.893
Neighboring Cytoplasmic 0.411

Combined SVM classifier:
Extracellular 0.684
OuterMembrane 0.245
Periplasmic 0.848
InnerMembrane 0.549
Cytoplasmic 2.675 *

SeqID: fig|6666666.171271.peg.115
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.404
Di-peptide InnerMembrane 0.768
part-Comp. InnerMembrane 0.694
chemo-typy InnerMembrane 0.910
Neighboring InnerMembrane 0.909

Combined SVM classifier:
Extracellular 0.248
OuterMembrane 0.295
Periplasmic 0.207
InnerMembrane 3.685 *
Cytoplasmic 0.564

SeqID: fig|6666666.171271.peg.116
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.850
Di-peptide    Cytoplasmic  0.949
part-Comp.    Cytoplasmic  0.892
chemo-typy    Cytoplasmic  0.691
Neighboring   Cytoplasmic  0.962

Combined SVM classifier:
Extracellular  0.167
OuterMembrane  0.093
Periplasmic     0.299
InnerMembrane  0.098
Cytoplasmic    4.343 *

SeqID: fig|6666666.171271.peg.117
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.590
Di-peptide    Cytoplasmic  0.796
part-Comp.    Cytoplasmic  0.717
chemo-typy    Cytoplasmic  0.880
Neighboring   Cytoplasmic  0.666

Combined SVM classifier:
Extracellular  0.407
OuterMembrane  0.660
Periplasmic     0.186
InnerMembrane  0.098
Cytoplasmic    3.649 *

SeqID: fig|6666666.171271.peg.118
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.857
Di-peptide    Cytoplasmic  0.803
part-Comp.    Cytoplasmic  0.622
chemo-typy    Cytoplasmic  0.702
Neighboring   Cytoplasmic  0.755

Combined SVM classifier:
Extracellular  0.305
OuterMembrane  0.264
Periplasmic     0.610
InnerMembrane  0.083
Cytoplasmic    3.739 *
SeqID: fig|6666666.171271.peg.119
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.498
Di-peptide   Cytoplasmic  0.919
part-Comp.   Cytoplasmic  0.639
chemo-typy   OuterMembrane  0.469
Neighboring  Cytoplasmic  0.529

Combined SVM classifier:
Extracellular  0.846
OuterMembrane  0.998
Periplasmic    0.235
InnerMembrane  0.192
Cytoplasmic   2.729 *

SeqID: fig|6666666.171271.peg.120
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.552
Di-peptide   InnerMembrane  0.472
part-Comp.   Cytoplasmic  0.794
chemo-typy   Cytoplasmic  0.577
Neighboring  Cytoplasmic  0.492

Combined SVM classifier:
Extracellular  0.207
OuterMembrane  0.464
Periplasmic    0.206
InnerMembrane  1.308
Cytoplasmic   2.814 *

SeqID: fig|6666666.171271.peg.121
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.482
Di-peptide   OuterMembrane  0.911
part-Comp.   OuterMembrane  0.465
chemo-typy   Cytoplasmic  0.306
Neighboring  OuterMembrane  0.498

Combined SVM classifier:
Extracellular  0.755
OuterMembrane  2.516 *
Periplasmic    0.353
InnerMembrane  0.062
Cytoplasmic   1.314

SeqID: fig|6666666.171271.peg.122
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.382
Di-peptide   Cytoplasmic   0.486
part-Comp.   Extracellular  0.691
chemo-typy   Extracellular  0.609
Neighboring  Extracellular  0.398

Combined SVM classifier:
Extracellular  2.157 *
OuterMembrane 1.033
Periplasmic  0.195
InnerMembrane 0.085
Cytoplasmic  1.530 *

SeqID: fig|6666666.171271.peg.123
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic   0.389
Di-peptide   Cytoplasmic   0.834
part-Comp.   Cytoplasmic   0.573
chemo-typy   Cytoplasmic   0.734
Neighboring  Cytoplasmic   0.442

Combined SVM classifier:
Extracellular  0.509
OuterMembrane 0.420
Periplasmic  0.528
InnerMembrane 0.571
Cytoplasmic  2.972 *

SeqID: fig|6666666.171271.peg.124
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic   0.263
Di-peptide   Cytoplasmic   0.793
part-Comp.   Cytoplasmic   0.380
chemo-typy   Periplasmic   0.612
Neighboring  Extracellular 0.532

Combined SVM classifier:
Extracellular  1.064
OuterMembrane 0.348
Periplasmic  1.217
InnerMembrane 0.384
Cytoplasmic  1.988 *

SeqID: fig|6666666.171271.peg.125
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic   0.384
Di-peptide   Cytoplasmic   0.846
part-Comp.   Cytoplasmic   0.642
chemo-typy  Periplasmic  0.513
Neighboring  Cytoplasmic  0.454

Combined SVM classifier:
Extracellular  0.902
OuterMembrane  0.533
Periplasmic  0.842
InnerMembrane  0.354
Cytoplasmic  2.369 *

SeqID: fig|6666666.171271.peg.126
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.379
Di-peptide  Cytoplasmic  0.624
part-Comp.  Cytoplasmic  0.440
chemo-typy  Periplasmic  0.514
Neighboring  Cytoplasmic  0.766

Combined SVM classifier:
Extracellular  0.905
OuterMembrane  0.287
Periplasmic  0.965
InnerMembrane  0.400
Cytoplasmic  2.443 *

SeqID: fig|6666666.171271.peg.127
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.372
Di-peptide  InnerMembrane  0.739
part-Comp.  OuterMembrane  0.735
chemo-typy  InnerMembrane  0.533
Neighboring  InnerMembrane  0.856

Combined SVM classifier:
Extracellular  0.286
OuterMembrane  1.646
Periplasmic  0.235
InnerMembrane  2.438 *
Cytoplasmic  0.394

SeqID: fig|6666666.171271.peg.128
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.472
Di-peptide  OuterMembrane  0.373
part-Comp.  OuterMembrane  0.395
chemo-typy  OuterMembrane  0.507
Neighboring  OuterMembrane  0.624

Combined SVM classifier:
 CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.532</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.700</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.907</td>
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Combined SVM classifier:

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<th>Reliability</th>
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<tr>
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<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
<td>0.072</td>
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SeqID: fig|6666666.171271.peg.130

 CELLO prediction:

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<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<td>chemo-typy</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.131

 CELLO prediction:

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<td>Composition</td>
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<td>Cytoplasmic</td>
<td>0.765</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.531</td>
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Combined SVM classifier:

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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
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<td>InnerMembrane</td>
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<td>CELLO prediction:</td>
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<tr>
<td>(predictor location reliable-index)</td>
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<tr>
<td>Composition</td>
<td>Cytoplasmic 0.340</td>
</tr>
<tr>
<td>Di-peptide</td>
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<td>chemo-typy</td>
<td>Cytoplasmic 0.716</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.641</td>
</tr>
</tbody>
</table>

| Combined SVM classifier: |
| Extracellular 0.555 |
| OuterMembrane 0.184 |
| Periplasmic 0.809 |
| InnerMembrane 0.309 |
| Cytoplasmic 3.142 * |

| SeqID: fig|6666666.171271.peg.133 |
|--------------------------|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition | Cytoplasmic 0.265 |
| Di-peptide  | Cytoplasmic 0.795 |
| part-Comp.   | Cytoplasmic 0.374 |
| chemo-typy   | Cytoplasmic 0.707 |
| Neighboring  | Cytoplasmic 0.573 |

| Combined SVM classifier: |
| Extracellular 0.564 |
| OuterMembrane 0.339 |
| Periplasmic 1.032 |
| InnerMembrane 0.351 |
| Cytoplasmic 2.714 * |

| SeqID: fig|6666666.171271.peg.134 |
|--------------------------|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition | Cytoplasmic 0.610 |
| Di-peptide  | OuterMembrane 0.627 |
| part-Comp.   | Cytoplasmic 0.811 |
| chemo-typy   | Periplasmic 0.313 |
| Neighboring  | Cytoplasmic 0.590 |

| Combined SVM classifier: |
| Extracellular 0.389 |
| OuterMembrane 1.566 |
| Periplasmic 0.340 |
| InnerMembrane 0.133 |
| Cytoplasmic 2.572 * |
| SeqID: fig|6666666.171271.peg.135 |
|----------------------------------|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition Extracellular 0.376 |
| Di-peptide OuterMembrane 0.474 |
| part-Comp. Cytoplasmic 0.640 |
| chemo-typy Cytoplasmic 0.545 |
| Neighboring Cytoplasmic 0.776 |
| Combined SVM classifier: |
| Extracellular 0.935 |
| OuterMembrane 0.823 |
| Periplasmic 0.435 |
| InnerMembrane 0.088 |
| Cytoplasmic 2.720 * |

| SeqID: fig|6666666.171271.peg.136 |
|----------------------------------|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition Cytoplasmic 0.436 |
| Di-peptide Cytoplasmic 0.456 |
| part-Comp. Extracellular 0.262 |
| chemo-typy Periplasmic 0.528 |
| Neighboring Periplasmic 0.350 |
| Combined SVM classifier: |
| Extracellular 0.897 |
| OuterMembrane 0.802 |
| Periplasmic 1.470 * |
| InnerMembrane 0.235 |
| Cytoplasmic 1.596 * |

| SeqID: fig|6666666.171271.peg.137 |
|----------------------------------|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition Cytoplasmic 0.300 |
| Di-peptide OuterMembrane 0.704 |
| part-Comp. Extracellular 0.394 |
| chemo-typy Cytoplasmic 0.367 |
| Neighboring Extracellular 0.512 |
| Combined SVM classifier: |
| Extracellular 1.572 * |
| OuterMembrane 1.945 * |
| Periplasmic 0.338 |
| InnerMembrane 0.158 |
| Cytoplasmic 0.986 |

| SeqID: fig|6666666.171271.peg.138 |
|----------------------------------|
| CELLO prediction: |
(predictor  location   reliable-index)
Composition  OuterMembrane  0.613
Di-peptide  Extracellular  0.672
part-Comp.  OuterMembrane  0.945
chemo-typy  Extracellular  0.562
Neighboring  Extracellular  0.889

Combined SVM classifier:
Extracellular  2.555 *
OuterMembrane  2.404 *
Periplasmic  0.021
InnerMembrane  0.013
Cytoplasmic  0.007

SeqID: fig|6666666.171271.peg.139
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.547
Di-peptide  Cytoplasmic  0.639
part-Comp.  OuterMembrane  0.545
chemo-typy  Cytoplasmic  0.398
Neighboring  Cytoplasmic  0.412

Combined SVM classifier:
Extracellular  0.760
OuterMembrane  1.423 *
Periplasmic  0.722
InnerMembrane  0.315
Cytoplasmic  1.779 *

SeqID: fig|6666666.171271.peg.140
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.386
Di-peptide  Cytoplasmic  0.744
part-Comp.  Cytoplasmic  0.354
chemo-typy  Extracellular  0.621
Neighboring  OuterMembrane  0.355

Combined SVM classifier:
Extracellular  1.467 *
OuterMembrane  0.980
Periplasmic  0.651
InnerMembrane  0.320
Cytoplasmic  1.582 *

SeqID: fig|6666666.171271.peg.141
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.317
Di-peptide  InnerMembrane  0.345
part-Comp.  OuterMembrane  0.551
### SeqID: fig|6666666.171271.peg.142

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Combined SVM classifier:

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### SeqID: fig|6666666.171271.peg.143

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### SeqID: fig|6666666.171271.peg.144

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<td>Di-peptide</td>
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<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
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<td></td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.876</td>
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Combined SVM classifier:
Extracellular 0.776
OuterMembrane 0.355
Periplasmic 0.477
InnerMembrane 0.260
Cytoplasmic 3.132 *

SeqID: fig|6666666.171271.peg.145
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.527
Di-peptide Cytoplasmic 0.658
part-Comp. Cytoplasmic 0.439
chemo-typy Periplasmic 0.960
Neighboring Extracellular 0.293

Combined SVM classifier:
Extracellular 0.671
OuterMembrane 0.589
Periplasmic 1.546 *
InnerMembrane 0.318
Cytoplasmic 1.876 *

SeqID: fig|6666666.171271.peg.146
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.424
Di-peptide Cytoplasmic 0.722
part-Comp. Cytoplasmic 0.521
chemo-typy Periplasmic 0.473
Neighboring OuterMembrane 0.673

Combined SVM classifier:
Extracellular 0.641
OuterMembrane 1.218
Periplasmic 0.715
InnerMembrane 0.338
Cytoplasmic 2.087 *

SeqID: fig|6666666.171271.peg.147
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.304
Di-peptide Extracellular 0.324
part-Comp. Extracellular 0.441
chemo-typy Extracellular 0.773
Neighboring Extracellular 0.393

Combined SVM classifier:
Extracellular 2.162 *
OuterMembrane 0.536
Periplasmic 0.999
InnerMembrane 0.216
| SeqID: fig|6666666.171271.peg.148 | CELLO prediction: |
|-------------------------------------------------|----------------------|
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.282 |
| Di-peptide | Periplasmic | 0.493 |
| part-Comp. | Periplasmic | 0.419 |
| chemo-typy | Extracellular | 0.715 |
| Neighboring | Extracellular | 0.435 |
| Combined SVM classifier: | | |
| Extracellular | 2.139 * |
| OuterMembrane | 0.252 |
| Periplasmic | 1.722 * |
| InnerMembrane | 0.258 |
| Cytoplasmic | 0.629 |

| SeqID: fig|6666666.171271.peg.149 | CELLO prediction: |
|-------------------------------------------------|----------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.264 |
| Di-peptide | Cytoplasmic | 0.944 |
| part-Comp. | Cytoplasmic | 0.417 |
| chemo-typy | Cytoplasmic | 0.532 |
| Neighboring | Extracellular | 0.596 |
| Combined SVM classifier: | | |
| Extracellular | 1.427 |
| OuterMembrane | 0.260 |
| Periplasmic | 0.580 |
| InnerMembrane | 0.315 |
| Cytoplasmic | 2.418 * |

| SeqID: fig|6666666.171271.peg.150 | CELLO prediction: |
|-------------------------------------------------|----------------------|
| (predictor | location | reliable-index) |
| Composition | OuterMembrane | 0.730 |
| Di-peptide | Extracellular | 0.449 |
| part-Comp. | OuterMembrane | 0.520 |
| chemo-typy | Extracellular | 0.796 |
| Neighboring | Extracellular | 0.499 |
| Combined SVM classifier: | | |
| Extracellular | 2.441 * |
| OuterMembrane | 1.790 * |
| Periplasmic | 0.082 |
| InnerMembrane | 0.048 |
| Cytoplasmic | 0.639 |
SeqID: fig|6666666.171271.peg.151

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.298
Di-peptide   Cytoplasmic  0.701
part-Comp.   Cytoplasmic  0.607
chemo-typv   Cytoplasmic  0.614
Neighboring  OuterMembrane  0.430

Combined SVM classifier:
Extracellular  0.550
OuterMembrane  1.165
Periplasmic  0.349
InnerMembrane  0.454
Cytoplasmic  2.482 *

SeqID: fig|6666666.171271.peg.152

CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.586
Di-peptide   Extracellular  0.703
part-Comp.   Extracellular  0.851
chemo-typv   Extracellular  0.653
Neighboring  Extracellular  0.710

Combined SVM classifier:
Extracellular  3.503 *
OuterMembrane  1.152
Periplasmic  0.197
InnerMembrane  0.066
Cytoplasmic  0.081

SeqID: fig|6666666.171271.peg.153

CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.289
Di-peptide   Cytoplasmic  0.801
part-Comp.   Extracellular  0.508
chemo-typv   Cytoplasmic  0.530
Neighboring  Extracellular  0.348

Combined SVM classifier:
Extracellular  1.280
OuterMembrane  0.647
Periplasmic  0.796
InnerMembrane  0.200
Cytoplasmic  2.078 *

SeqID: fig|6666666.171271.peg.154

CELLO prediction:
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<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic 0.401</td>
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<tr>
<td>Periplasmic 0.544</td>
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</tr>
<tr>
<td>InnerMembrane 0.219</td>
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</tr>
<tr>
<td>Cytoplasmic 3.556 *</td>
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chemo-typy  Periplasmic  0.478  
Neighboring  Cytoplasmic  0.390  

Combined SVM classifier:
Extracellular  0.840  
OuterMembrane  0.300  
Periplasmic  1.202  
InnerMembrane  0.562  
Cytoplasmic  2.096 *

SeqID: fig|6666666.171271.peg.158  
CELLO prediction:
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.285  
Di-peptide  Cytoplasmic  0.658  
part-Comp.  Cytoplasmic  0.401  
chemo-typy  Cytoplasmic  0.819  
Neighboring  Cytoplasmic  0.386  

Combined SVM classifier:
Extracellular  0.686  
OuterMembrane  0.379  
Periplasmic  0.774  
InnerMembrane  0.612  
Cytoplasmic  2.548 *

SeqID: fig|6666666.171271.peg.159  
CELLO prediction:
(predictor  location   reliable-index)  
Composition  Periplasmic  0.268  
Di-peptide  Cytoplasmic  0.815  
part-Comp.  Cytoplasmic  0.419  
chemo-typy  Cytoplasmic  0.843  
Neighboring  Cytoplasmic  0.506  

Combined SVM classifier:
Extracellular  0.639  
OuterMembrane  0.243  
Periplasmic  0.939  
InnerMembrane  0.353  
Cytoplasmic  2.825 *

SeqID: fig|6666666.171271.peg.160  
CELLO prediction:
(predictor  location   reliable-index)  
Composition  Periplasmic  0.284  
Di-peptide  Cytoplasmic  0.578  
part-Comp.  Cytoplasmic  0.322  
chemo-typy  Cytoplasmic  0.711  
Neighboring  Cytoplasmic  0.379  

Combined SVM classifier:
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**SeqID:** fig|6666666.171271.peg.161

**CELLO prediction:**

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**Combined SVM classifier:**

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**SeqID:** fig|6666666.171271.peg.162

**CELLO prediction:**

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<td>Di-peptide</td>
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**Combined SVM classifier:**

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**SeqID:** fig|6666666.171271.peg.163

**CELLO prediction:**

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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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**SeqID: fig|6666666.171271.peg.164**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   Cytoplasmic  0.906
part-Comp.   Cytoplasmic  0.366
chemo-typy   Cytoplasmic  0.881
Neighboring  Cytoplasmic  0.367

Combined SVM classifier:

Extracellular  0.737
OuterMembrane  0.310
Periplasmic     0.838
InnerMembrane  0.359
Cytoplasmic    2.756 *

******************************************

**SeqID: fig|6666666.171271.peg.165**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition  Periplasmic  0.267
Di-peptide   Cytoplasmic  0.523
part-Comp.   Cytoplasmic  0.353
chemo-typy   Cytoplasmic  0.830
Neighboring  Extracellular  0.351

Combined SVM classifier:

Extracellular  0.965
OuterMembrane  0.387
Periplasmic     1.109
InnerMembrane  0.348
Cytoplasmic    2.190 *

******************************************

**SeqID: fig|6666666.171271.peg.166**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.296
Di-peptide   InnerMembrane  0.535
part-Comp.   Cytoplasmic  0.452
chemo-typy   Periplasmic  0.849
Neighboring  Cytoplasmic  0.495

Combined SVM classifier:

Extracellular  0.614
OuterMembrane  0.340
Periplasmic     1.422 *
InnerMembrane  0.987
Cytoplasmic    1.637 *
| SeqID: fig|6666666.171271.peg.167 |
|-----------------------------|
| CELLO prediction:           |
| (predictor      location     reliable-index) |
| Composition     Cytoplasmic  0.260 |
| Di-peptide      Cytoplasmic  0.987 |
| part-Comp.      Cytoplasmic  0.775 |
| chemo-typy      Cytoplasmic  0.952 |
| Neighboring     Cytoplasmic  0.833 |

Combined SVM classifier:
- Extracellular 0.396
- OuterMembrane 0.148
- Periplasmic 0.404
- InnerMembrane 0.244
- Cytoplasmic 3.808 *

| SeqID: fig|6666666.171271.peg.168 |
|-----------------------------|
| CELLO prediction:           |
| (predictor      location     reliable-index) |
| Composition     Cytoplasmic  0.318 |
| Di-peptide      Cytoplasmic  0.930 |
| part-Comp.      Cytoplasmic  0.534 |
| chemo-typy      Cytoplasmic  0.938 |
| Neighboring     Cytoplasmic  0.597 |

Combined SVM classifier:
- Extracellular 0.751
- OuterMembrane 0.204
- Periplasmic 0.433
- InnerMembrane 0.296
- Cytoplasmic 3.316 *

| SeqID: fig|6666666.171271.peg.169 |
|-----------------------------|
| CELLO prediction:           |
| (predictor      location     reliable-index) |
| Composition     Cytoplasmic  0.506 |
| Di-peptide      Cytoplasmic  0.903 |
| part-Comp.      Cytoplasmic  0.829 |
| chemo-typy      Cytoplasmic  0.691 |
| Neighboring     Cytoplasmic  0.911 |

Combined SVM classifier:
- Extracellular 0.305
- OuterMembrane 0.306
- Periplasmic 0.435
- InnerMembrane 0.114
- Cytoplasmic 3.841 *

| SeqID: fig|6666666.171271.peg.170 |
|-----------------------------|
| CELLO prediction:           |
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.364
Di-peptide  Cytoplasmic  0.704
part-Comp.  Cytoplasmic  0.461
chemo-typy  Cytoplasmic  0.777
Neighboring  Extracellular  0.553

Combined SVM classifier:
Extracellular  1.114
OuterMembrane  0.372
Periplasmic  0.689
InnerMembrane  0.267
Cytoplasmic  2.558 *

*****
******
SeqID: fig|6666666.171271.peg.171
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.689
Di-peptide  Cytoplasmic  0.947
part-Comp.  Cytoplasmic  0.774
chemo-typy  Cytoplasmic  0.647
Neighboring  Cytoplasmic  0.906

Combined SVM classifier:
Extracellular  0.243
OuterMembrane  0.321
Periplasmic  0.225
InnerMembrane  0.248
Cytoplasmic  3.963 *

*****
******
SeqID: fig|6666666.171271.peg.172
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.259
Di-peptide  Cytoplasmic  0.792
part-Comp.  Cytoplasmic  0.509
chemo-typy  Cytoplasmic  0.641
Neighboring  Cytoplasmic  0.459

Combined SVM classifier:
Extracellular  0.707
OuterMembrane  0.345
Periplasmic  0.944
InnerMembrane  0.352
Cytoplasmic  2.652 *

*****
******
SeqID: fig|6666666.171271.peg.173
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.306
Di-peptide  Cytoplasmic  0.636
part-Comp.  Cytoplasmic  0.338
**CELLO prediction:**

| SeqID: fig|6666666.171271.peg.174 |
|-----------|
| CELLO prediction: |
| (predictor | location  | reliable-index) |
| Composition | Cytoplasmic | 0.343 |
| Di-peptide  | Cytoplasmic | 0.714 |
| part-Comp.  | Cytoplasmic | 0.749 |
| chemo-typy  | Cytoplasmic | 0.699 |
| Neighboring | Cytoplasmic | 0.391 |

Combined SVM classifier:

| Extracellular | 0.768 |
| OuterMembrane | 0.612 |
| Periplasmic   | 0.477 |
| InnerMembrane | 0.248 |
| Cytoplasmic   | 2.896 * |

******

**CELLO prediction:**

| SeqID: fig|6666666.171271.peg.175 |
|-----------|
| CELLO prediction: |
| (predictor | location  | reliable-index) |
| Composition | OuterMembrane | 0.286 |
| Di-peptide  | Cytoplasmic   | 0.740 |
| part-Comp.  | Cytoplasmic   | 0.341 |
| chemo-typy  | Cytoplasmic   | 0.842 |
| Neighboring | Cytoplasmic   | 0.660 |

Combined SVM classifier:

| Extracellular | 0.544 |
| OuterMembrane | 0.486 |
| Periplasmic   | 0.888 |
| InnerMembrane | 0.255 |
| Cytoplasmic   | 2.828 * |

******

**CELLO prediction:**

| SeqID: fig|6666666.171271.peg.176 |
|-----------|
| CELLO prediction: |
| (predictor | location  | reliable-index) |
| Composition | Periplasmic | 0.258 |
| Di-peptide  | InnerMembrane | 0.892 |
| part-Comp.  | Cytoplasmic   | 0.396 |
| chemo-typy  | Extracellular | 0.445 |
| Neighboring | Cytoplasmic   | 0.344 |

Combined SVM classifier:
Extracellular 0.924  
OuterMembrane 0.285  
Periplasmic 0.729  
InnerMembrane 1.825 *  
Cytoplasmic 1.236 *

SeqID: fig666666.171271.peg.177  
CELLO prediction:  
(predictor location reliable-index)  
Composition Periplasmic 0.261  
Di-peptide Cytoplasmic 0.898  
part-Comp. Cytoplasmic 0.547  
chemo-typy Cytoplasmic 0.909  
Neighboring Cytoplasmic 0.767  

Combined SVM classifier:  
Extracellular 0.418  
OuterMembrane 0.212  
Periplasmic 0.608  
InnerMembrane 0.381  
Cytoplasmic 3.381 *

SeqID: fig666666.171271.peg.178  
CELLO prediction:  
(predictor location reliable-index)  
Composition Cytoplasmic 0.266  
Di-peptide Cytoplasmic 0.805  
part-Comp. Cytoplasmic 0.345  
chemo-typy Cytoplasmic 0.788  
Neighboring Cytoplasmic 0.487  

Combined SVM classifier:  
Extracellular 0.912  
OuterMembrane 0.354  
Periplasmic 0.746  
InnerMembrane 0.297  
Cytoplasmic 2.691 *

SeqID: fig666666.171271.peg.179  
CELLO prediction:  
(predictor location reliable-index)  
Composition Periplasmic 0.270  
Di-peptide Cytoplasmic 0.679  
part-Comp. Cytoplasmic 0.362  
chemo-typy Cytoplasmic 0.819  
Neighboring Extracellular 0.280  

Combined SVM classifier:  
Extracellular 0.775  
OuterMembrane 0.368  
Periplasmic 1.050  
InnerMembrane 0.437
Cytoplasmic 2.370 *

SeqID: fig|6666666.171271.peg.180
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.695
Di-peptide   Periplasmic  0.488
part-Comp.   Cytoplasmic  0.569
chemo-typy   Cytoplasmic  0.629
Neighboring  Cytoplasmic  0.752

Combined SVM classifier:
Extracellular 0.312
OuterMembrane 0.152
Periplasmic 1.375
InnerMembrane 0.181
Cytoplasmic 2.982 *

SeqID: fig|6666666.171271.peg.181
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   Cytoplasmic  0.771
part-Comp.   Cytoplasmic  0.359
chemo-typy   Cytoplasmic  0.863
Neighboring  Cytoplasmic  0.391

Combined SVM classifier:
Extracellular 0.741
OuterMembrane 0.280
Periplasmic 0.993
InnerMembrane 0.367
Cytoplasmic 2.619 *

SeqID: fig|6666666.171271.peg.182
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.486
Di-peptide   Cytoplasmic  0.503
part-Comp.   Cytoplasmic  0.636
chemo-typy   Cytoplasmic  0.885
Neighboring  Cytoplasmic  0.392

Combined SVM classifier:
Extracellular 0.560
OuterMembrane 1.017
Periplasmic 0.379
InnerMembrane 0.141
Cytoplasmic 2.902 *
SeqID: fig|6666666.171271.peg.183
CELLO prediction:

(predictor      location      reliable-index)
Composition     Periplasmic  0.258
Di-peptide      Cytoplasmic  0.806
part-Comp.      Cytoplasmic  0.376
chemo-typy      Cytoplasmic  0.779
Neighboring     Cytoplasmic  0.364

Combined SVM classifier:
Extracellular  0.845
OuterMembrane  0.238
Periplasmic    0.984
InnerMembrane  0.383
Cytoplasmic    2.550 *

SeqID: fig|6666666.171271.peg.184
CELLO prediction:

(predictor      location      reliable-index)
Composition     Periplasmic  0.259
Di-peptide      Cytoplasmic  0.933
part-Comp.      Cytoplasmic  0.415
chemo-typy      Cytoplasmic  0.897
Neighboring     Cytoplasmic  0.478

Combined SVM classifier:
Extracellular  0.664
OuterMembrane  0.322
Periplasmic    0.714
InnerMembrane  0.331
Cytoplasmic    2.970 *

SeqID: fig|6666666.171271.peg.185
CELLO prediction:

(predictor      location      reliable-index)
Composition     Periplasmic  0.262
Di-peptide      Cytoplasmic  0.876
part-Comp.      Cytoplasmic  0.375
chemo-typy      Cytoplasmic  0.925
Neighboring     Cytoplasmic  0.607

Combined SVM classifier:
Extracellular  0.671
OuterMembrane  0.207
Periplasmic    0.777
InnerMembrane  0.300
Cytoplasmic    3.045 *

SeqID: fig|6666666.171271.peg.186
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.272
Di-peptide  Cytoplasmic  0.885
part-Comp.  Cytoplasmic  0.441
chemo-typy  Cytoplasmic  0.771
Neighboring  Cytoplasmic  0.430

Combined SVM classifier:
Extracellular  0.796
OuterMembrane  0.243
Periplasmic  0.851
InnerMembrane  0.310
Cytoplasmic  2.800 *

SeqID: fig|6666666.171271.peg.187
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.289
Di-peptide  Cytoplasmic  0.884
part-Comp.  Cytoplasmic  0.416
chemo-typy  Cytoplasmic  0.903
Neighboring  Cytoplasmic  0.672

Combined SVM classifier:
Extracellular  0.574
OuterMembrane  0.236
Periplasmic  0.624
InnerMembrane  0.402
Cytoplasmic  3.164 *

SeqID: fig|6666666.171271.peg.188
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.513
Di-peptide  Extracellular  0.391
part-Comp.  Cytoplasmic  0.496
chemo-typy  OuterMembrane  0.407
Neighboring  Cytoplasmic  0.336

Combined SVM classifier:
Extracellular  1.003
OuterMembrane  1.765 *
Periplasmic  0.252
InnerMembrane  0.478
Cytoplasmic  1.502 *

SeqID: fig|6666666.171271.peg.189
CELLO prediction:
(predictor  location  reliable-index)
Composition  OuterMembrane  0.835
Di-peptide  Extracellular  0.456
part-Comp.  Extracellular  0.578
chemo-typy  OuterMembrane  0.838
Neighboring  OuterMembrane  0.595

Combined SVM classifier:

Extracellular  1.323
OuterMembrane  2.911 *
Periplasmic  0.295
InnerMembrane  0.145
Cytoplasmic  0.327

SeqID: fig|6666666.171271.peg.190

CELLO prediction:
(predictor   location   reliable-index)
Composition  Periplasmic  0.284
Di-peptide   Cytoplasmic  0.393
part-Comp.   Cytoplasmic  0.317
chemo-typy   Cytoplasmic  0.414
Neighboring  Extracellular  0.393

Combined SVM classifier:

Extracellular  1.207 *
OuterMembrane  0.409
Periplasmic  1.552 *
InnerMembrane  0.441
Cytoplasmic  1.391 *

SeqID: fig|6666666.171271.peg.191

CELLO prediction:
(predictor   location   reliable-index)
Composition  InnerMembrane  0.502
Di-peptide   InnerMembrane  0.941
part-Comp.   Cytoplasmic  0.416
chemo-typy   InnerMembrane  0.597
Neighboring  InnerMembrane  0.691

Combined SVM classifier:

Extracellular  0.162
OuterMembrane  0.676
Periplasmic  0.169
InnerMembrane  3.040 *
Cytoplasmic  0.953

SeqID: fig|6666666.171271.peg.192

CELLO prediction:
(predictor   location   reliable-index)
Composition  Periplasmic  0.264
Di-peptide   OuterMembrane  0.448
part-Comp.   Cytoplasmic  0.588
chemo-typy   Periplasmic  0.419
Neighboring  Cytoplasmic  0.588

Combined SVM classifier:
Extracellular 0.940
OuterMembrane 0.773
Periplasmic 0.871
InnerMembrane 0.306
Cytoplasmic 2.110 *

SeqID: fig|6666666.171271.peg.193
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.507
Di-peptide Cytoplasmic 0.443
part-Comp. Cytoplasmic 0.518
chemo-typy Cytoplasmic 0.823
Neighboring Cytoplasmic 0.629

Combined SVM classifier:
Extracellular 0.071
OuterMembrane 0.220
Periplasmic 0.568
InnerMembrane 1.325
Cytoplasmic 2.815 *

 SeqID: fig|6666666.171271.peg.194
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.494
Di-peptide InnerMembrane 0.437
part-Comp. InnerMembrane 0.695
chemo-typy InnerMembrane 0.475
Neighboring InnerMembrane 0.879

Combined SVM classifier:
Extracellular 0.302
OuterMembrane 0.818
Periplasmic 0.137
InnerMembrane 2.979 *
Cytoplasmic 0.765

 SeqID: fig|6666666.171271.peg.195
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.478
Di-peptide Cytoplasmic 0.572
part-Comp. Cytoplasmic 0.581
chemo-typy Extracellular 0.430
Neighboring OuterMembrane 0.403

Combined SVM classifier:
Extracellular 1.002
OuterMembrane 0.742
Periplasmic 0.708
InnerMembrane 0.287
Cytoplasmic  2.260 *

SeqID: fig|6666666.171271.peg.196
CELLO prediction:
(predictor  location   reliable-index)
  Composition  OuterMembrane  0.931
  Di-peptide   OuterMembrane  0.964
  part-Comp.   OuterMembrane  0.462
  chemo-typy   Periplasmic     0.425
  Neighboring  OuterMembrane  0.758

Combined SVM classifier:
  Extracellular  0.422
  OuterMembrane  3.345 *
  Periplasmic     0.571
  InnerMembrane  0.482
  Cytoplasmic    0.180

SeqID: fig|6666666.171271.peg.197
CELLO prediction:
(predictor  location   reliable-index)
  Composition  Cytoplasmic  0.273
  Di-peptide   Cytoplasmic  0.643
  part-Comp.   Cytoplasmic  0.678
  chemo-typy   Cytoplasmic  0.970
  Neighboring  Cytoplasmic  0.793

Combined SVM classifier:
  Extracellular  0.413
  OuterMembrane  0.258
  Periplasmic     0.393
  InnerMembrane  0.579
  Cytoplasmic    3.357 *

SeqID: fig|6666666.171271.peg.198
CELLO prediction:
(predictor  location   reliable-index)
  Composition  Cytoplasmic  0.686
  Di-peptide   Cytoplasmic  0.633
  part-Comp.   Cytoplasmic  0.813
  chemo-typy   Cytoplasmic  0.649
  Neighboring  Cytoplasmic  0.846

Combined SVM classifier:
  Extracellular  0.195
  OuterMembrane  0.451
  Periplasmic     0.499
  InnerMembrane  0.229
  Cytoplasmic    3.626 *
| SeqID: fig|6666666.171271.peg.199 | CELLO prediction: |
|---------------------------------|-----------------|
| (predictor location reliable-index) | Composition InnerMembrane 0.644 |
|                                | Di-peptide InnerMembrane 0.952 |
|                                | part-Comp. InnerMembrane 0.642 |
|                                | chemo-typy InnerMembrane 0.844 |
|                                | Neighboring InnerMembrane 0.892 |
| Combined SVM classifier:        | Extracellular 0.152 |
|                                | OuterMembrane 0.155 |
|                                | Periplasmic 0.299 |
|                                | InnerMembrane 3.973 * |
|                                | Cytoplasmic 0.420 |

| SeqID: fig|6666666.171271.peg.200 | CELLO prediction: |
|---------------------------------|-----------------|
| (predictor location reliable-index) | Composition InnerMembrane 0.945 |
|                                | Di-peptide InnerMembrane 1.000 |
|                                | part-Comp. InnerMembrane 1.000 |
|                                | chemo-typy InnerMembrane 0.964 |
|                                | Neighboring InnerMembrane 0.995 |
| Combined SVM classifier:        | Extracellular 0.024 |
|                                | OuterMembrane 0.020 |
|                                | Periplasmic 0.026 |
|                                | InnerMembrane 4.904 * |
|                                | Cytoplasmic 0.027 |

| SeqID: fig|6666666.171271.peg.201 | CELLO prediction: |
|---------------------------------|-----------------|
| (predictor location reliable-index) | Composition InnerMembrane 0.502 |
|                                | Di-peptide InnerMembrane 1.000 |
|                                | part-Comp. InnerMembrane 0.983 |
|                                | chemo-typy InnerMembrane 0.993 |
|                                | Neighboring InnerMembrane 0.994 |
| Combined SVM classifier:        | Extracellular 0.131 |
|                                | OuterMembrane 0.066 |
|                                | Periplasmic 0.164 |
|                                | InnerMembrane 4.472 * |
|                                | Cytoplasmic 0.168 |

| SeqID: fig|6666666.171271.peg.202 | CELLO prediction: |
(predictor | location | reliable-index)
Composition  | Cytoplasmic | 0.453
Di-peptide   | Periplasmic | 0.459
part-Comp.   | Cytoplasmic | 0.516
chemo-typy   | Periplasmic | 0.359
Neighboring  | Cytoplasmic | 0.466

Combined SVM classifier:
Extracellular | 0.631
OuterMembrane | 0.527
Periplasmic   | 1.833 *
InnerMembrane | 0.211
Cytoplasmic   | 1.798 *

SeqID: fig|6666666.171271.peg.203
CELLO prediction:
(predictor | location | reliable-index)
Composition  | Cytoplasmic | 0.779
Di-peptide   | Cytoplasmic | 0.843
part-Comp.   | Cytoplasmic | 0.988
chemo-typy   | Cytoplasmic | 0.865
Neighboring  | Cytoplasmic | 0.956

Combined SVM classifier:
Extracellular | 0.026
OuterMembrane | 0.020
Periplasmic   | 0.484
InnerMembrane | 0.038
Cytoplasmic   | 4.431 *

SeqID: fig|6666666.171271.peg.204
CELLO prediction:
(predictor | location | reliable-index)
Composition  | Cytoplasmic | 0.467
Di-peptide   | OuterMembrane | 0.542
part-Comp.   | Cytoplasmic | 0.831
chemo-typy   | Cytoplasmic | 0.441
Neighboring  | Cytoplasmic | 0.656

Combined SVM classifier:
Extracellular | 0.528
OuterMembrane | 1.242
Periplasmic   | 0.518
InnerMembrane | 0.168
Cytoplasmic   | 2.544 *

SeqID: fig|6666666.171271.peg.205
CELLO prediction:
(predictor | location | reliable-index)
Composition  | Cytoplasmic | 0.624
Di-peptide   | Cytoplasmic | 0.977
part-Comp.   | InnerMembrane | 0.346
chemo-typy Cytoplasmic 0.776
Neighboring Cytoplasmic 0.602

Combined SVM classifier:
Extracellular 0.312
OuterMembrane 0.811
Periplasmic 0.170
InnerMembrane 0.410
Cytoplasmic 3.297 *

SeqID: fig|6666666.171271.peg.206
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.569
Di-peptide Cytoplasmic 0.845
part-Comp. Cytoplasmic 0.456
chemo-typy Cytoplasmic 0.792
Neighboring Cytoplasmic 0.513

Combined SVM classifier:
Extracellular 0.166
OuterMembrane 0.120
Periplasmic 1.004
InnerMembrane 0.535
Cytoplasmic 3.176 *

SeqID: fig|6666666.171271.peg.207
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.344
Di-peptide Periplasmic 0.324
part-Comp. Extracellular 0.490
chemo-typy Periplasmic 0.480
Neighboring Extracellular 0.475

Combined SVM classifier:
Extracellular 1.454 *
OuterMembrane 1.145 *
Periplasmic 1.387 *
InnerMembrane 0.245
Cytoplasmic 0.769

SeqID: fig|6666666.171271.peg.208
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.840
Di-peptide Cytoplasmic 0.964
part-Comp. Cytoplasmic 0.968
chemo-typy Cytoplasmic 0.975
Neighboring Cytoplasmic 0.971

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.107</td>
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<tr>
<td>Outer Membrane</td>
<td>0.047</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.095</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.032</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.718</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.209

CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.412
Di-peptide OuterMembrane 0.579
part-Comp. Extracellular 0.288
chemo-typy Periplasmic 0.381
Neighboring Periplasmic 0.790

Combined SVM classifier:
Extracellular 1.004
OuterMembrane 1.053
Periplasmic 1.998 *
InnerMembrane 0.161
Cytoplasmic 0.785

SeqID: fig|6666666.171271.peg.210

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.315
Di-peptide OuterMembrane 0.422
part-Comp. Cytoplasmic 0.479
chemo-typy Extracellular 0.369
Neighboring Cytoplasmic 0.498

Combined SVM classifier:
Extracellular 1.005
OuterMembrane 0.845
Periplasmic 0.794
InnerMembrane 0.488
Cytoplasmic 1.866 *

SeqID: fig|6666666.171271.peg.211

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.661
Di-peptide Cytoplasmic 0.427
part-Comp. Cytoplasmic 0.637
chemo-typy OuterMembrane 0.516
Neighboring Cytoplasmic 0.777

Combined SVM classifier:
Extracellular 0.519
OuterMembrane 0.796
Periplasmic 0.930
InnerMembrane 0.202
**SeqID: fig|6666666.171271.peg.212**

**CELLO prediction:**

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<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.602</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.891</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.876</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.709</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.634</td>
</tr>
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**Combined SVM classifier:**

<p>| | | |</p>
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<thead>
<tr>
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<th></th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.153</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.471</td>
<td></td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.160</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>3.320 *</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.895</td>
<td></td>
</tr>
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</table>

**SeqID: fig|6666666.171271.peg.213**

**CELLO prediction:**

<table>
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<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.706</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.806</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.519</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.674</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.877</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.119</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.306</td>
<td></td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.164</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>3.026 *</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.385</td>
<td></td>
</tr>
</tbody>
</table>

**SeqID: fig|6666666.171271.peg.214**

**CELLO prediction:**

<table>
<thead>
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<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.374</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.761</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.654</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.934</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.486</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.673</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.226</td>
<td></td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.441</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.452</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.208 *</td>
<td></td>
</tr>
</tbody>
</table>
SeqID: fig|6666666.171271.peg.215
CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.405
Di-peptide Cytoplasmic 0.307
part-Comp. Cytoplasmic 0.365
chemo-typy Extracellular 0.337
Neighboring OuterMembrane 0.617

Combined SVM classifier:
Extracellular 1.088 *
OuterMembrane 1.541 *
Periplasmic 0.564
InnerMembrane 0.579
Cytoplasmic 1.228 *

SeqID: fig|6666666.171271.peg.216
CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.592
Di-peptide InnerMembrane 0.968
part-Comp. Cytoplasmic 0.321
chemo-typy InnerMembrane 0.879
Neighboring InnerMembrane 0.539

Combined SVM classifier:
Extracellular 0.325
OuterMembrane 0.195
Periplasmic 0.502
InnerMembrane 3.294 *
Cytoplasmic 0.684

SeqID: fig|6666666.171271.peg.217
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.262
Di-peptide OuterMembrane 0.650
part-Comp. Cytoplasmic 0.331
chemo-typy Extracellular 0.381
Neighboring OuterMembrane 0.367

Combined SVM classifier:
Extracellular 1.326 *
OuterMembrane 1.568 *
Periplasmic 0.789
InnerMembrane 0.347
Cytoplasmic 0.971

SeqID: fig|6666666.171271.peg.218
CELLO prediction:
| SeqID: fig|6666666.171271.peg.219 |
|----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.797 |
| Di-peptide | Cytoplasmic | 0.908 |
| part-Comp. | Cytoplasmic | 0.886 |
| chemo-typy | OuterMembrane | 0.375 |
| Neighboring | Cytoplasmic | 0.879 |

Combined SVM classifier:
- Extracellular 0.429
- OuterMembrane 0.465
- Periplasmic 0.278
- InnerMembrane 0.107
- Cytoplasmic 3.721 *

| SeqID: fig|6666666.171271.peg.218 |
|----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.560 |
| Di-peptide | InnerMembrane | 0.990 |
| part-Comp. | InnerMembrane | 0.444 |
| chemo-typy | InnerMembrane | 0.955 |
| Neighboring | InnerMembrane | 0.766 |

Combined SVM classifier:
- Extracellular 0.203
- OuterMembrane 0.173
- Periplasmic 0.288
- InnerMembrane 3.714 *
- Cytoplasmic 0.622

| SeqID: fig|6666666.171271.peg.220 |
|----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.353 |
| Di-peptide | Cytoplasmic | 0.925 |
| part-Comp. | Cytoplasmic | 0.448 |
| chemo-typy | Periplasmic | 0.427 |
| Neighboring | Cytoplasmic | 0.605 |

Combined SVM classifier:
- Extracellular 0.925
- OuterMembrane 0.280
- Periplasmic 0.994
- InnerMembrane 0.255
- Cytoplasmic 2.545 *

| SeqID: fig|6666666.171271.peg.221 |
|----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.812 |
| Di-peptide | Cytoplasmic | 0.866 |
| part-Comp. | Cytoplasmic | 0.575 |
chemo-typy  Cytoplasmic  0.853
Neighboring  Cytoplasmic  0.958

Combined SVM classifier:
Extracellular  0.279
OuterMembrane  0.310
Periplasmic  0.167
InnerMembrane  0.179
Cytoplasmic  4.065 *

SeqID: fig|6666666.171271.peg.222
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.481
Di-peptide   Cytoplasmic  0.875
part-Comp.   Cytoplasmic  0.549
chemo-typy   Cytoplasmic  0.693
Neighboring  Cytoplasmic  0.625

Combined SVM classifier:
Extracellular  0.566
OuterMembrane  0.468
Periplasmic  0.449
InnerMembrane  0.295
Cytoplasmic  3.223 *

SeqID: fig|6666666.171271.peg.223
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.403
Di-peptide   InnerMembrane  0.994
part-Comp.   InnerMembrane  0.440
chemo-typy   InnerMembrane  0.998
Neighboring  InnerMembrane  0.491

Combined SVM classifier:
Extracellular  0.303
OuterMembrane  0.225
Periplasmic  0.343
InnerMembrane  3.326 *
Cytoplasmic  0.803

SeqID: fig|6666666.171271.peg.224
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.251
Di-peptide   OuterMembrane  0.732
part-Comp.   Cytoplasmic  0.244
chemo-typy   OuterMembrane  0.618
Neighboring  OuterMembrane  0.461

Combined SVM classifier:
Extracellular 0.925
OuterMembrane 2.296 *
Periplasmic 0.548
InnerMembrane 0.428
Cytoplasmic 0.803

SeqID: fig|6666666.171271.peg.225
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.482
Di-peptide InnerMembrane 0.979
part-Comp. InnerMembrane 0.378
chemo-typy InnerMembrane 0.442
Neighboring InnerMembrane 0.659

Combined SVM classifier:
Extracellular 0.499
OuterMembrane 0.237
Periplasmic 0.686
InnerMembrane 2.940 *
Cytoplasmic 0.637

SeqID: fig|6666666.171271.peg.226
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.263
Di-peptide Cytoplasmic 0.480
part-Comp. Cytoplasmic 0.424
chemo-typy Cytoplasmic 0.810
Neighboring Cytoplasmic 0.574

Combined SVM classifier:
Extracellular 0.595
OuterMembrane 0.246
Periplasmic 1.129
InnerMembrane 0.487
Cytoplasmic 2.544 *

SeqID: fig|6666666.171271.peg.227
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.481
Di-peptide OuterMembrane 0.952
part-Comp. Extracellular 0.456
chemo-typy OuterMembrane 0.653
Neighboring OuterMembrane 0.842

Combined SVM classifier:
Extracellular 1.266
OuterMembrane 3.277 *
Periplasmic 0.184
InnerMembrane 0.195
| SeqID: fig|6666666.171271.peg.228 |
|CELLO prediction: |
|Composition| Cytoplasmic 0.264 |
|Di-peptide| OuterMembrane 0.839 |
|part-Comp.| Cytoplasmic 0.376 |
|chemo-typy| Extracellular 0.725 |
|Neighboring| OuterMembrane 0.779 |

| Combined SVM classifier: |
|Extracellular 1.346 |
|OuterMembrane 1.895 |
|Periplasmic 0.707 |
|InnerMembrane 0.313 |
|Cytoplasmic 0.738 |

| SeqID: fig|6666666.171271.peg.229 |
|CELLO prediction: |
|Composition| Cytoplasmic 0.602 |
|Di-peptide| Cytoplasmic 0.511 |
|part-Comp.| Cytoplasmic 0.969 |
|chemo-typy| Cytoplasmic 0.833 |
|Neighboring| Cytoplasmic 0.917 |

| Combined SVM classifier: |
|Extracellular 0.207 |
|OuterMembrane 0.666 |
|Periplasmic 0.210 |
|InnerMembrane 0.084 |
|Cytoplasmic 3.833 |

| SeqID: fig|6666666.171271.peg.230 |
|CELLO prediction: |
|Composition| Cytoplasmic 0.335 |
|Di-peptide| Cytoplasmic 0.727 |
|part-Comp.| Cytoplasmic 0.797 |
|chemo-typy| Cytoplasmic 0.958 |
|Neighboring| Cytoplasmic 0.795 |

| Combined SVM classifier: |
|Extracellular 0.300 |
|OuterMembrane 0.551 |
|Periplasmic 0.307 |
|InnerMembrane 0.230 |
|Cytoplasmic 3.613 |
SeqID: fig|6666666.171271.peg.231
CELLO prediction:

(predictor     location   reliable-index)
Composition    Periplasmic   0.306
Di-peptide     Cytoplasmic   0.339
part-Comp.     Extracellular 0.582
di-Chemotype    Extracellular 0.564
Neighboring    Extracellular   0.623

Combined SVM classifier:
Extracellular   2.385 *
OuterMembrane   0.571
Periplasmic      0.910
InnerMembrane   0.176
Cytoplasmic      0.958

SeqID: fig|6666666.171271.peg.232
CELLO prediction:

(predictor     location   reliable-index)
Composition    Periplasmic   0.357
Di-peptide     Extracellular 0.603
part-Comp.     Extracellular 0.345
di-Chemotype    Extracellular 0.529
Neighboring    Extracellular   0.756

Combined SVM classifier:
Extracellular   2.475 *
OuterMembrane   0.410
Periplasmic      1.125
InnerMembrane   0.321
Cytoplasmic      0.669

SeqID: fig|6666666.171271.peg.233
CELLO prediction:

(predictor     location   reliable-index)
Composition    OuterMembrane 0.438
Di-peptide     Cytoplasmic   0.676
part-Comp.     OuterMembrane 0.841
di-Chemotype    Periplasmic   0.739
Neighboring    Extracellular   0.495

Combined SVM classifier:
Extracellular    0.922
OuterMembrane   1.959 *
Periplasmic      0.869
InnerMembrane   0.071
Cytoplasmic      1.178

SeqID: fig|6666666.171271.peg.234
CELLO prediction:
<table>
<thead>
<tr>
<th>predictor</th>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.630</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.452</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.431</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.756</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.390</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.648 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.600</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.592 *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.283</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.877</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.235

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.619</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.347</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.557</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.903</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.393</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.357</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.773</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>2.584 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.395</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.891</td>
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</table>

SeqID: fig|6666666.171271.peg.236

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.508</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.323</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.363</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.749</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.296</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.916</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.608 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.799</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>1.210 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.467</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.237

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.399</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.577</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.775</td>
</tr>
</tbody>
</table>
**SeqID: fig|666666.171271.peg.238**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition       Cytoplasmic 0.530
Di-peptide       Cytoplasmic 0.476
part-Comp.       Cytoplasmic 0.884
chemo-typy       Cytoplasmic 0.605
Neighboring      Cytoplasmic 0.935

**Combined SVM classifier:**

Extracellular 0.457
OuterMembrane 0.574
Periplasmic 0.376
InnerMembrane 0.163
Cytoplasmic 3.430 *

**SeqID: fig|666666.171271.peg.239**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition       Extracellular 0.252
Di-peptide       OuterMembrane 0.784
part-Comp.       OuterMembrane 0.550
chemo-typy       OuterMembrane 0.876
Neighboring      OuterMembrane 0.760

**Combined SVM classifier:**

Extracellular 0.728
OuterMembrane 3.194 *
Periplasmic 0.268
InnerMembrane 0.259
Cytoplasmic 0.550

**SeqID: fig|666666.171271.peg.240**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition       OuterMembrane 0.377
Di-peptide       OuterMembrane 0.790
part-Comp.       OuterMembrane 0.0363
chemo-typy       Periplasmic 0.626
Neighboring      OuterMembrane 0.490

**Combined SVM classifier:**
<table>
<thead>
<tr>
<th>Location</th>
<th>CELLO Prediction</th>
<th>SVM Classifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.190</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>2.026 *</td>
<td></td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.165</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.296</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.323</td>
<td></td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.241

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.300
Di-peptide Cytoplasmic 0.854
part-Comp. Cytoplasmic 0.804
chemo-typy Cytoplasmic 0.955
Neighboring Cytoplasmic 0.784

Combined SVM classifier:
Extracellular 0.400
OuterMembrane 0.250
Periplasmic 0.405
InnerMembrane 0.249
Cytoplasmic 3.697 *

SeqID: fig|6666666.171271.peg.242

CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.389
part-Comp. Cytoplasmic 0.385
chemo-typy Periplasmic 0.702
Neighboring Cytoplasmic 0.310

Combined SVM classifier:
Extracellular 1.034 *
OuterMembrane 0.566
Periplasmic 1.379 *
InnerMembrane 0.687
Cytoplasmic 1.334 *

SeqID: fig|6666666.171271.peg.243

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.887
Di-peptide Cytoplasmic 0.926
part-Comp. Cytoplasmic 0.930
chemo-typy Cytoplasmic 0.969
Neighboring Cytoplasmic 0.942

Combined SVM classifier:
Extracellular 0.039
OuterMembrane 0.021
Periplasmic 0.173
InnerMembrane 0.114
**CELLO prediction:**

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.598
Di-peptide   Cytoplasmic  0.886
part-Comp.   Cytoplasmic  0.533
chemo-typy   Cytoplasmic  0.858
Neighboring  OuterMembrane  0.430

**Combined SVM classifier:**

Extracellular 0.557
OuterMembrane 0.620
Periplasmic 0.418
InnerMembrane 0.353
Cytoplasmic 3.052 *

**CELLO prediction:**

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.672
Di-peptide   Cytoplasmic  0.952
part-Comp.   Cytoplasmic  0.740
chemo-typy   Cytoplasmic  0.685
Neighboring  InnerMembrane  0.545

**Combined SVM classifier:**

Extracellular 0.041
OuterMembrane 0.143
Periplasmic 0.409
InnerMembrane 0.948
Cytoplasmic 3.459 *

**CELLO prediction:**

(predictor  location   reliable-index)
Composition  OuterMembrane  0.449
Di-peptide   Extracellular 0.567
part-Comp.   Extracellular 0.487
chemo-typy   OuterMembrane 0.783
Neighboring  Cytoplasmic 0.616

**Combined SVM classifier:**

Extracellular 1.434 *
OuterMembrane 1.835 *
Periplasmic 0.286
InnerMembrane 0.149
Cytoplasmic 1.297 *
SeqID: fig|6666666.171271.peg.247
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.372
Di-peptide   OuterMembrane  0.541
part-Comp.   Cytoplasmic  0.613
chemo-typy   Cytoplasmic  0.645
Neighboring  Cytoplasmic  0.774

Combined SVM classifier:
Extracellular  0.347
OuterMembrane  1.163
Periplasmic     0.437
InnerMembrane  0.345
Cytoplasmic    2.708 *

SeqID: fig|6666666.171271.peg.248
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.996
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  1.000
chemo-typy   InnerMembrane  0.964
Neighboring  InnerMembrane  0.999

Combined SVM classifier:
Extracellular  0.008
OuterMembrane  0.012
Periplasmic     0.012
InnerMembrane  4.959 *
Cytoplasmic    0.009

SeqID: fig|6666666.171271.peg.249
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.511
Di-peptide   Cytoplasmic  0.916
part-Comp.   Cytoplasmic  0.441
chemo-typy   Periplasmic  0.441
Neighboring  Cytoplasmic  0.805

Combined SVM classifier:
Extracellular  0.505
OuterMembrane  0.216
Periplasmic     0.879
InnerMembrane  0.310
Cytoplasmic    3.090 *

SeqID: fig|6666666.171271.peg.250
CELLO prediction:
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<th>predictor</th>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.999</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.993</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.997</td>
</tr>
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</table>

Combined SVM classifier:

<table>
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<tr>
<th>location</th>
<th>index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.005</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.005</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.006</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.979</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.005</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.251

CELLO prediction:

<table>
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<th>predictor</th>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.607</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.494</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.672</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.322</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.444</td>
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Combined SVM classifier:

<table>
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<tr>
<th>location</th>
<th>index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.845</td>
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<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
<td>1.275</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.212</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.469</td>
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SeqID: fig|6666666.171271.peg.252

CELLO prediction:

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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.927</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.636</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.253

CELLO prediction:

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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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chemo-typy  Cytoplasmic  0.955
Neighboring  Cytoplasmic  0.825

Combined SVM classifier:
Extracellular  0.471
OuterMembrane  0.106
Periplasmic  0.289
InnerMembrane  0.173
Cytoplasmic  3.961 *

SeqID: fig|6666666.171271.peg.254
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.291
Di-peptide  Cytoplasmic  0.820
part-Comp.  Cytoplasmic  0.327
chemo-typy  Cytoplasmic  0.724
Neighboring  Cytoplasmic  0.429

Combined SVM classifier:
Extracellular  0.658
OuterMembrane  0.618
Periplasmic  0.789
InnerMembrane  0.346
Cytoplasmic  2.589 *

SeqID: fig|6666666.171271.peg.255
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.946
Di-peptide  InnerMembrane  1.000
part-Comp.  InnerMembrane  0.996
chemo-typy  InnerMembrane  0.995
Neighboring  InnerMembrane  0.987

Combined SVM classifier:
Extracellular  0.019
OuterMembrane  0.015
Periplasmic  0.022
InnerMembrane  4.922 *
Cytoplasmic  0.022

SeqID: fig|6666666.171271.peg.256
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.894
Di-peptide  OuterMembrane  0.816
part-Comp.  OuterMembrane  0.827
chemo-typy  OuterMembrane  0.693
Neighboring  OuterMembrane  0.792

Combined SVM classifier:
**SeqID: fig|6666666.171271.peg.257**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition Cytoplasmic 0.522
Di-peptide Cytoplasmic 0.500
part-Comp. Extracellular 0.486
chemo-typy Periplasmic 0.456
Neighboring Cytoplasmic 0.631

**Combined SVM classifier:**

Extracellular 1.089
OuterMembrane 0.578
Periplasmic 0.843
InnerMembrane 0.169
Cytoplasmic 2.321 *

**SeqID: fig|6666666.171271.peg.258**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition Cytoplasmic 0.275
Di-peptide Cytoplasmic 0.886
part-Comp. Cytoplasmic 0.504
chemo-typy Cytoplasmic 0.700
Neighboring Cytoplasmic 0.816

**Combined SVM classifier:**

Extracellular 0.527
OuterMembrane 0.237
Periplasmic 0.736
InnerMembrane 0.318
Cytoplasmic 3.181 *

**SeqID: fig|6666666.171271.peg.259**

**CELLO prediction:**

(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.566
part-Comp. Cytoplasmic 0.356
chemo-typy Periplasmic 0.503
Neighboring Extracellular 0.331

**Combined SVM classifier:**

Extracellular 0.876
OuterMembrane 0.300
Periplasmic 1.349 *
InnerMembrane 0.623
Cytoplasmic 1.853 *

SeqID: fig|6666666.171271.peg.260
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide OuterMembrane 0.394
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.723
Neighboring Cytoplasmic 0.325

Combined SVM classifier:
Extracellular 1.000
OuterMembrane 0.743
Periplasmic 0.830
InnerMembrane 0.554
Cytoplasmic 1.873 *

SeqID: fig|6666666.171271.peg.261
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.691
Di-peptide Cytoplasmic 0.666
part-Comp. Cytoplasmic 0.925
chemo-typy Cytoplasmic 0.967
Neighboring Cytoplasmic 0.499

Combined SVM classifier:
Extracellular 0.036
OuterMembrane 0.015
Periplasmic 1.574
InnerMembrane 0.024
Cytoplasmic 3.350 *

SeqID: fig|6666666.171271.peg.262
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.942
Di-peptide Cytoplasmic 0.813
part-Comp. Cytoplasmic 0.473
chemo-typy Cytoplasmic 0.576
Neighboring Cytoplasmic 0.822

Combined SVM classifier:
Extracellular 0.475
OuterMembrane 0.253
Periplasmic 0.595
InnerMembrane 0.050
Cytoplasmic 3.626 *
SeqID: fig|6666666.171271.peg.263
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.862
Di-peptide InnerMembrane 0.994
part-Comp. InnerMembrane 0.837
chemo-typy InnerMembrane 0.944
Neighboring InnerMembrane 0.986

Combined SVM classifier:
Extracellular 0.069
OuterMembrane 0.048
Periplasmic 0.095
InnerMembrane 4.623 *
Cytoplasmic 0.165

SeqID: fig|6666666.171271.peg.264
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.414
Di-peptide Cytoplasmic 0.810
part-Comp. Cytoplasmic 0.504
chemo-typy Periplasmic 0.841
Neighboring Cytoplasmic 0.627

Combined SVM classifier:
Extracellular 0.660
OuterMembrane 0.386
Periplasmic 1.143
InnerMembrane 0.313
Cytoplasmic 2.499 *

SeqID: fig|6666666.171271.peg.265
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.546
Di-peptide Cytoplasmic 0.499
part-Comp. Cytoplasmic 0.660
chemo-typy Cytoplasmic 0.914
Neighboring Cytoplasmic 0.722

Combined SVM classifier:
Extracellular 0.556
OuterMembrane 0.601
Periplasmic 0.244
InnerMembrane 0.257
Cytoplasmic 3.342 *

SeqID: fig|6666666.171271.peg.266
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.270
Di-peptide   Cytoplasmic  0.739
part-Comp.   Cytoplasmic  0.369
chemo-typy   Cytoplasmic  0.712
Neighboring  Cytoplasmic  0.289

Combined SVM classifier:
Extracellular  0.779
OuterMembrane  0.545
Periplasmic     1.018
InnerMembrane  0.278
Cytoplasmic    2.379 *

SeqID: fig|6666666.171271.peg.267
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Cytoplasmic  0.871
part-Comp.   Cytoplasmic  0.371
chemo-typy   Periplasmic  0.440
Neighboring  Cytoplasmic  0.348

Combined SVM classifier:
Extracellular  0.771
OuterMembrane  0.428
Periplasmic     1.167
InnerMembrane  0.345
Cytoplasmic    2.288 *

SeqID: fig|6666666.171271.peg.268
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 1.000
Di-peptide   InnerMembrane 1.000
part-Comp.   InnerMembrane 0.904

Combined SVM classifier:
Extracellular  0.490
OuterMembrane  0.800
Periplasmic     0.843
InnerMembrane  0.294
Cytoplasmic    2.574 *

SeqID: fig|6666666.171271.peg.269
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.785
Di-peptide   InnerMembrane 1.000
part-Comp.   InnerMembrane 0.904
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.997</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.990</td>
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Combined SVM classifier:
- Extracellular 0.057
- OuterMembrane 0.037
- Periplasmic 0.071
- InnerMembrane 4.678 *
- Cytoplasmic 0.158

SeqID: fig|6666666.171271.peg.270

CELLO prediction:
- Composition Cytoplasmic 0.457
- Di-peptide OuterMembrane 0.422
- part-Comp. Extracellular 0.334
- chemo-typy Cytoplasmic 0.494
- Neighboring Cytoplasmic 0.778

Combined SVM classifier:
- Extracellular 0.801
- OuterMembrane 0.995
- Periplasmic 0.584
- InnerMembrane 0.178
- Cytoplasmic 2.442 *

SeqID: fig|6666666.171271.peg.271

CELLO prediction:
- Composition Cytoplasmic 0.448
- Di-peptide Cytoplasmic 0.914
- part-Comp. Cytoplasmic 0.806
- chemo-typy Cytoplasmic 0.978
- Neighboring Cytoplasmic 0.828

Combined SVM classifier:
- Extracellular 0.358
- OuterMembrane 0.212
- Periplasmic 0.312
- InnerMembrane 0.145
- Cytoplasmic 3.973 *

SeqID: fig|6666666.171271.peg.272

CELLO prediction:
- Composition Cytoplasmic 0.514
- Di-peptide OuterMembrane 0.587
- part-Comp. Cytoplasmic 0.532
- chemo-typy Cytoplasmic 0.750
- Neighboring Cytoplasmic 0.752

Combined SVM classifier:
Extracellular 0.734  
OuterMembrane 1.082  
Periplasmic 0.242  
InnerMembrane 0.100  
Cytoplasmic 2.841 *

SeqID: fig|6666666.171271.peg.273
CELLO prediction:
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.521  
Di-peptide Cytoplasmic 0.975  
part-Comp. Cytoplasmic 0.614  
chemo-typy Cytoplasmic 0.931  
Neighboring Cytoplasmic 0.893  

Combined SVM classifier:
Extracellular 0.315  
OuterMembrane 0.316  
Periplasmic 0.216  
InnerMembrane 0.220  
Cytoplasmic 3.933 *

SeqID: fig|6666666.171271.peg.274
CELLO prediction:
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.917  
Di-peptide Cytoplasmic 0.954  
part-Comp. Cytoplasmic 0.949  
chemo-typy Cytoplasmic 0.683  
Neighboring Cytoplasmic 0.960  

Combined SVM classifier:
Extracellular 0.026  
OuterMembrane 0.066  
Periplasmic 0.320  
InnerMembrane 0.125  
Cytoplasmic 4.462 *

SeqID: fig|6666666.171271.peg.275
CELLO prediction:
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.842  
Di-peptide Cytoplasmic 0.887  
part-Comp. Cytoplasmic 0.738  
chemo-typy Cytoplasmic 0.631  
Neighboring Cytoplasmic 0.717  

Combined SVM classifier:
Extracellular 0.238  
OuterMembrane 0.428  
Periplasmic 0.228  
InnerMembrane 0.291  

 внимание
**CELLO prediction:**

<table>
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<tr>
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<th>reliable-index</th>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.877</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<tr>
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**CELLO prediction:**

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**Combined SVM classifier:**

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<tr>
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**CELLO prediction:**

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<tbody>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
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**Combined SVM classifier:**

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<tr>
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**SeqID: fig|6666666.171271.peg.279**

CELLO prediction:

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<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.327</td>
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Combined SVM classifier:

- Extracellular: 0.437
- OuterMembrane: 0.318
- Periplasmic: 0.478
- InnerMembrane: 2.924 *
- Cytoplasmic: 0.844

**SeqID: fig|6666666.171271.peg.280**

CELLO prediction:

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<td>Di-peptide</td>
<td>InnerMembrane</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.933</td>
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Combined SVM classifier:

- Extracellular: 0.129
- OuterMembrane: 0.098
- Periplasmic: 0.149
- InnerMembrane: 4.390 *
- Cytoplasmic: 0.234

**SeqID: fig|6666666.171271.peg.281**

CELLO prediction:

<table>
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<td>Composition</td>
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<td>0.684</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.966</td>
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Combined SVM classifier:

- Extracellular: 0.367
- OuterMembrane: 0.291
- Periplasmic: 0.080
- InnerMembrane: 0.028
- Cytoplasmic: 4.233 *

**SeqID: fig|6666666.171271.peg.282**

CELLO prediction:
CELLO prediction:

SeqID: fig|6666666.171271.peg.283

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.345
Di-peptide  Cytoplasmic  0.807
part-Comp.  Cytoplasmic  0.578
chemo-typy  Periplasmic  0.342
Neighboring  Cytoplasmic  0.741

Combined SVM classifier:
Extracellular  0.778
OuterMembrane  0.451
Periplasmic  0.770
InnerMembrane  0.203
Cytoplasmic  2.798 *

SeqID: fig|6666666.171271.peg.284

(predictor  location   reliable-index)
Composition  OuterMembrane  0.401
Di-peptide  OuterMembrane  0.603
part-Comp.  Cytoplasmic  0.867
chemo-typy  Cytoplasmic  0.587
Neighboring  Cytoplasmic  0.440

Combined SVM classifier:
Extracellular  0.833
OuterMembrane  1.299 *
Periplasmic  0.706
InnerMembrane  0.854
Cytoplasmic  1.308 *

SeqID: fig|6666666.171271.peg.285

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.365
Di-peptide  Cytoplasmic  0.904
part-Comp.  Cytoplasmic  0.455
cheto-typy  Periplasmic  0.720  
Neighboring Cytoplasmic  0.600  

Combined SVM classifier:  
Extracellular  0.634  
OuterMembrane  0.201  
Periplasmic  1.384  
InnerMembrane  0.335  
Cytoplasmic  2.446 *

******************************************
******
SeqID: fig|6666666.171271.peg.286
CELLO prediction:  
(predictor  location   reliable-index)  
Composition InnerMembrane  0.264  
Di-peptide InnerMembrane  0.971  
part-Comp. Cytoplasmic  0.402  
cheto-typy Periplasmic  0.760  
Neighboring InnerMembrane  0.461  

Combined SVM classifier:  
Extracellular  0.441  
OuterMembrane  0.275  
Periplasmic  1.276  
InnerMembrane  2.064 *  
Cytoplasmic  0.944  

******************************************
******
SeqID: fig|6666666.171271.peg.287
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic  0.721  
Di-peptide Cytoplasmic  0.964  
part-Comp. Cytoplasmic  0.813  
cheto-typy Cytoplasmic  0.599  
Neighboring Cytoplasmic  0.833  

Combined SVM classifier:  
Extracellular  0.420  
OuterMembrane  0.187  
Periplasmic  0.381  
InnerMembrane  0.082  
Cytoplasmic  3.930 *  

******************************************
******
SeqID: fig|6666666.171271.peg.288
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic  0.441  
Di-peptide OuterMembrane  0.689  
part-Comp. Cytoplasmic  0.783  
cheto-typy Periplasmic  0.437  
Neighboring Cytoplasmic  0.594  

Combined SVM classifier:
<table>
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<th>Combined SVM classifier:</th>
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<tr>
<td></td>
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<tr>
<td></td>
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SeqID: fig|6666666.171271.peg.289

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<th>Combined SVM classifier:</th>
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<tbody>
<tr>
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SeqID: fig|6666666.171271.peg.290

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<tr>
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<td>Cytoplasmic 3.055 *</td>
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SeqID: fig|6666666.171271.peg.291

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<tr>
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<td>Composition</td>
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<td>Combined SVM classifier:</td>
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<tr>
<td>Extracellular</td>
<td>1.457 *</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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| SeqID: fig|6666666.171271.peg.293 |
|---------------------------------|
| CELLO prediction:               |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.254 |
| Di-peptide | Cytoplasmic | 0.691 |
| part-Comp. | Cytoplasmic | 0.477 |
| chemo-typy | Periplasmic | 0.873 |
| Neighboring | Cytoplasmic | 0.442 |
| Combined SVM classifier:        |
| Extracellular | 0.560 |
| OuterMembrane | 0.800 |
| Periplasmic | 1.203 * |
| InnerMembrane | 0.566 |
| Cytoplasmic | 1.872 * |

| SeqID: fig|6666666.171271.peg.294 |
|---------------------------------|
| CELLO prediction:               |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.576 |
| Di-peptide | Cytoplasmic | 0.696 |
| part-Comp. | Cytoplasmic | 0.306 |
| chemo-typy | Cytoplasmic | 0.512 |
| Neighboring | Cytoplasmic | 0.643 |
| Combined SVM classifier:        |
| Extracellular | 0.335 |
| OuterMembrane | 0.139 |
| Periplasmic | 1.137 |
| InnerMembrane | 0.655 |
| Cytoplasmic | 2.734 * |
SeqID: fig|6666666.171271.peg.295

CELLO prediction:

(predictor  location   reliable-index)
Composition       Cytoplasmic  0.848
Di-peptide       Cytoplasmic  0.888
part-Comp.       Cytoplasmic  0.951
chemo-typy       Cytoplasmic  0.865
Neighboring      Cytoplasmic  0.946

Combined SVM classifier:
Extracellular 0.089
OuterMembrane 0.033
Periplasmic 0.106
InnerMembrane 0.275
Cytoplasmic 4.497 *

SeqID: fig|6666666.171271.peg.296

CELLO prediction:

(predictor  location   reliable-index)
Composition       OuterMembrane  0.908
Di-peptide       Cytoplasmic  0.741
part-Comp.       OuterMembrane  0.908
chemo-typy       Periplasmic  0.506
Neighboring      OuterMembrane  0.951

Combined SVM classifier:
Extracellular 0.236
OuterMembrane 3.127 *
Periplasmic 0.594
InnerMembrane 0.080
Cytoplasmic 0.962

SeqID: fig|6666666.171271.peg.297

CELLO prediction:

(predictor  location   reliable-index)
Composition       InnerMembrane  0.616
Di-peptide       InnerMembrane  0.999
part-Comp.       InnerMembrane  0.637
chemo-typy       InnerMembrane  0.989
Neighboring      InnerMembrane  0.587

Combined SVM classifier:
Extracellular 0.180
OuterMembrane 0.161
Periplasmic 0.232
InnerMembrane 3.828 *
Cytoplasmic 0.599

SeqID: fig|6666666.171271.peg.298
CELLO prediction:
### CELLO prediction:

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<th>Location</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.195</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.403</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.787</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>2.784 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.832</td>
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</tbody>
</table>

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### CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.529</td>
</tr>
<tr>
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<td>Cytoplasmic</td>
<td>0.818</td>
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Combined SVM classifier:

<table>
<thead>
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<tbody>
<tr>
<td>Extracellular</td>
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<td>OuterMembrane</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
<td>2.891 *</td>
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### CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.456</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.453</td>
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Combined SVM classifier:

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### CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.456</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.453</td>
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Combined SVM classifier:

<table>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.195</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.787</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>2.784 *</td>
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<tr>
<td>Cytoplasmic</td>
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<tr>
<td>predictor</td>
<td>location</td>
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<tr>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
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**Combined SVM classifier:**
- Extracellular 2.113 *
- OuterMembrane 1.469 *
- Periplasmic 0.361
- InnerMembrane 0.214
- Cytoplasmic 0.842

<table>
<thead>
<tr>
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<th>reliable-index</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.519</td>
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**Combined SVM classifier:**
- Extracellular 0.656
- OuterMembrane 2.395 *
- Periplasmic 1.004
- InnerMembrane 0.095
- Cytoplasmic 0.849

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<thead>
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<tr>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.449</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
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<td>Cytoplasmic</td>
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**Combined SVM classifier:**
- Extracellular 0.283
- OuterMembrane 0.171
- Periplasmic 0.321
- InnerMembrane 0.245
- Cytoplasmic 3.980 *

<table>
<thead>
<tr>
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<th>reliable-index</th>
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<tbody>
<tr>
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<tr>
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**Combined SVM classifier:**
Extracellular 0.009
OuterMembrane 0.044
Periplasmic 0.246
InnerMembrane 0.086
Cytoplasmic 4.615 *

SeqID: fig|6666666.171271.peg.305
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.838
Di-peptide  Cytoplasmic  0.923
part-Comp.  Cytoplasmic  0.884
cheto-typy  Cytoplasmic  0.911
Neighboring  Cytoplasmic  0.570

Combined SVM classifier:
Extracellular 0.129
OuterMembrane 0.178
Periplasmic 0.418
InnerMembrane 0.148
Cytoplasmic 4.127 *

SeqID: fig|6666666.171271.peg.306
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.962
Di-peptide  Cytoplasmic  0.683
part-Comp.  Cytoplasmic  0.969
cheto-typy  Cytoplasmic  0.804
Neighboring  Cytoplasmic  0.802

Combined SVM classifier:
Extracellular 0.127
OuterMembrane 0.277
Periplasmic 0.218
InnerMembrane 0.159
Cytoplasmic 4.220 *

SeqID: fig|6666666.171271.peg.307
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.659
Di-peptide  Cytoplasmic  0.765
part-Comp.  Cytoplasmic  0.741
cheto-typy  Cytoplasmic  0.757
Neighboring  Cytoplasmic  0.810

Combined SVM classifier:
Extracellular 0.403
OuterMembrane 0.106
Periplasmic 0.548
InnerMembrane 0.211
Cytoplasmic 3.732 *

SeqID: fig|6666666.171271.peg.308
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.293
Di-peptide Cytoplasmic 0.848
part-Comp. Cytoplasmic 0.541
chemo-typy Cytoplasmic 0.996
Neighboring Extracellular 0.519

Combined SVM classifier:
Extracellular 0.974
OuterMembrane 0.660
Periplasmic 0.407
InnerMembrane 0.134
Cytoplasmic 2.825 *

SeqID: fig|6666666.171271.peg.309
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.413
Di-peptide OuterMembrane 0.691
part-Comp. OuterMembrane 0.627
chemo-typy Extracellular 0.673
Neighboring Extracellular 0.411

Combined SVM classifier:
Extracellular 1.705 *
OuterMembrane 1.941 *
Periplasmic 0.296
InnerMembrane 0.100
Cytoplasmic 0.958

SeqID: fig|6666666.171271.peg.310
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.984
Di-peptide Cytoplasmic 0.973
part-Comp. Cytoplasmic 0.958
chemo-typy Cytoplasmic 0.698
Neighboring Cytoplasmic 0.972

Combined SVM classifier:
Extracellular 0.020
OuterMembrane 0.103
Periplasmic 0.245
InnerMembrane 0.045
Cytoplasmic 4.586 *
### CELLO prediction:

<table>
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<th>Location</th>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.974</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 0.079
- OuterMembrane: 0.087
- Periplasmic: 0.477
- InnerMembrane: 0.143
- Cytoplasmic: 4.213 *

### CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
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<td>Composition</td>
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<tr>
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<td>0.402</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 0.484
- OuterMembrane: 0.762
- Periplasmic: 0.533
- InnerMembrane: 0.443
- Cytoplasmic: 2.778 *

### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<tr>
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<td>InnerMembrane</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 0.077
- OuterMembrane: 1.041
- Periplasmic: 0.112
- InnerMembrane: 2.847 *
- Cytoplasmic: 0.923
(predictor  location   reliable-index)
Composition InnerMembrane 0.652
Di-peptide InnerMembrane 0.926
part-Comp. InnerMembrane 0.660
chemo-typy InnerMembrane 0.593
Neighboring InnerMembrane 0.421

Combined SVM classifier:
Extracellular 0.555
OuterMembrane 0.166
Periplasmic 0.556
InnerMembrane 3.252 *
Cytoplasmic 0.472

****************************
******
SeqID: fig|6666666.171271.peg.315
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.338
Di-peptide Cytoplasmic 0.799
part-Comp. Cytoplasmic 0.533
chemo-typy Periplasmic 0.627
Neighboring Cytoplasmic 0.596

Combined SVM classifier:
Extracellular 0.818
OuterMembrane 0.287
Periplasmic 0.970
InnerMembrane 0.413
Cytoplasmic 2.513 *

****************************
******
SeqID: fig|6666666.171271.peg.316
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.980
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.980
chemo-typy InnerMembrane 0.952
Neighboring InnerMembrane 0.994

Combined SVM classifier:
Extracellular 0.011
OuterMembrane 0.025
Periplasmic 0.015
InnerMembrane 4.905 *
Cytoplasmic 0.044

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******
SeqID: fig|6666666.171271.peg.317
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.675
Di-peptide Cytoplasmic 0.611
part-Comp. Cytoplasmic 0.504
chemo-typy  Cytoplasmic  0.557
Neighboring  Cytoplasmic  0.657

Combined SVM classifier:
Extracellular  0.341
OuterMembrane  0.993
Periplasmic  0.533
InnerMembrane  0.130
Cytoplasmic  3.003 *

SeqID: fig|6666666.171271.peg.318
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.621
Di-peptide  Cytoplasmic  0.848
part-Comp.  Cytoplasmic  0.944
chemo-typy  Cytoplasmic  0.502
Neighboring  Extracellular  0.383

Combined SVM classifier:
Extracellular  0.596
OuterMembrane  1.141
Periplasmic  0.454
InnerMembrane  0.024
Cytoplasmic  2.785 *

SeqID: fig|6666666.171271.peg.319
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.650
Di-peptide  Cytoplasmic  0.723
part-Comp.  Cytoplasmic  0.433
chemo-typy  Periplasmic  0.391
Neighboring  OuterMembrane  0.400

Combined SVM classifier:
Extracellular  0.958
OuterMembrane  0.891
Periplasmic  0.625
InnerMembrane  0.339
Cytoplasmic  2.187 *

SeqID: fig|6666666.171271.peg.320
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.913
Di-peptide  InnerMembrane  0.988
part-Comp.  InnerMembrane  0.989
chemo-typy  InnerMembrane  0.999
Neighboring  InnerMembrane  0.972

Combined SVM classifier:
Extracellular 0.019
OuterMembrane 0.055
Periplasmic 0.029
InnerMembrane 4.862 *
Cytoplasmic 0.036

SeqID: fig|6666666.171271.peg.321
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.553
Di-peptide Cytoplasmic 0.944
part-Comp. Cytoplasmic 0.594
chemo-typy Cytoplasmic 0.926
Neighboring Cytoplasmic 0.724

Combined SVM classifier:
Extracellular 0.122
OuterMembrane 0.375
Periplasmic 0.503
InnerMembrane 0.259
Cytoplasmic 3.741 *

SeqID: fig|6666666.171271.peg.322
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.907
Di-peptide Cytoplasmic 0.970
part-Comp. Cytoplasmic 0.764
chemo-typy Cytoplasmic 0.890
Neighboring Cytoplasmic 0.848

Combined SVM classifier:
Extracellular 0.054
OuterMembrane 0.028
Periplasmic 0.183
InnerMembrane 0.357
Cytoplasmic 4.378 *

SeqID: fig|6666666.171271.peg.323
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.472
Di-peptide Periplasmic 0.359
part-Comp. Periplasmic 0.653
chemo-typy Cytoplasmic 0.471
Neighboring Cytoplasmic 0.300

Combined SVM classifier:
Extracellular 0.649
OuterMembrane 0.700
Periplasmic 2.122 *
InnerMembrane 0.190
Cytoplasmic 1.339

SeqID: fig|6666666.171271.peg.324
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.621
Di-peptide Cytoplasmic 0.795
part-Comp. Cytoplasmic 0.773
chemo-typy Cytoplasmic 0.857
Neighboring Cytoplasmic 0.715

Combined SVM classifier:
Extracellular 0.301
OuterMembrane 0.478
Periplasmic 0.205
InnerMembrane 0.254
Cytoplasmic 3.762 *

SeqID: fig|6666666.171271.peg.325
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.297
Di-peptide InnerMembrane 0.981
part-Comp. InnerMembrane 0.509
chemo-typy InnerMembrane 0.930
Neighboring Cytoplasmic 0.375

Combined SVM classifier:
Extracellular 0.480
OuterMembrane 0.283
Periplasmic 0.444
InnerMembrane 2.925 *
Cytoplasmic 0.867

SeqID: fig|6666666.171271.peg.326
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.277
Di-peptide Cytoplasmic 0.804
part-Comp. Cytoplasmic 0.434
chemo-typy Cytoplasmic 0.726
Neighboring Cytoplasmic 0.699

Combined SVM classifier:
Extracellular 0.508
OuterMembrane 0.185
Periplasmic 1.054
InnerMembrane 0.351
Cytoplasmic 2.903 *
SeqID: fig|6666666.171271.peg.327
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.362
Di-peptide Cytoplasmic 0.497
part-Comp. Cytoplasmic 0.478
chemo-typy Cytoplasmic 0.793
Neighboring Periplasmic 0.495

Combined SVM classifier:
Extracellular 0.370
OuterMembrane 0.359
Periplasmic 1.522
InnerMembrane 0.510
Cytoplasmic 2.239 *

SeqID: fig|6666666.171271.peg.328
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.992
Di-peptide Cytoplasmic 0.958
part-Comp. Cytoplasmic 0.978
chemo-typy Cytoplasmic 0.575
Neighboring Cytoplasmic 0.986

Combined SVM classifier:
Extracellular 0.035
OuterMembrane 0.063
Periplasmic 0.342
InnerMembrane 0.070
Cytoplasmic 4.490 *

SeqID: fig|6666666.171271.peg.329
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.940
Di-peptide Cytoplasmic 0.914
part-Comp. Cytoplasmic 0.798
chemo-typy Cytoplasmic 0.505
Neighboring Cytoplasmic 0.986

Combined SVM classifier:
Extracellular 0.051
OuterMembrane 0.027
Periplasmic 0.732
InnerMembrane 0.047
Cytoplasmic 4.143 *

SeqID: fig|6666666.171271.peg.330
CELLO prediction:
SeqID: fig|6666666.171271.peg.331

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.277
Di-peptide Cytoplasmic 0.825
part-Comp. Cytoplasmic 0.502
chemo-typy Cytoplasmic 0.941
Neighboring Cytoplasmic 0.433

Combined SVM classifier:
Extracellular 0.295
OuterMembrane 0.535
Periplasmic 0.829
InnerMembrane 0.362
Cytoplasmic 2.978 *

SeqID: fig|6666666.171271.peg.332

CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.619
Di-peptide Extracellular 0.371
part-Comp. Periplasmic 0.487
chemo-typy Periplasmic 0.503
Neighboring Periplasmic 0.552

Combined SVM classifier:
Extracellular 0.762
OuterMembrane 0.732
Periplasmic 2.396 *
InnerMembrane 0.214
Cytoplasmic 0.894

SeqID: fig|6666666.171271.peg.333

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.303
Di-peptide Cytoplasmic 0.828
part-Comp. Cytoplasmic 0.468

Combined SVM classifier:

Extracellular 0.943
OuterMembrane 0.810
Periplasmic 1.714 *
InnerMembrane 0.119
Cytoplasmic 1.413 *
chemo-typy  Cytoplasmic  0.787
Neighboring  Cytoplasmic  0.624

Combined SVM classifier:

Extracellular  0.435
OuterMembrane  0.267
Periplasmic  0.931
InnerMembrane  0.356
Cytoplasmic  3.010 *

SeqID: fig|6666666.171271.peg.334

CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.292
Di-peptide  Extracellular  0.599
part-Comp.  Periplasmic  0.396
chemo-typy  Cytoplasmic  0.493
Neighboring  Cytoplasmic  0.607

Combined SVM classifier:

Extracellular  1.139 *
OuterMembrane  0.529
Periplasmic  1.159 *
InnerMembrane  0.391
Cytoplasmic  1.783 *

SeqID: fig|6666666.171271.peg.335

CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.410
Di-peptide  Cytoplasmic  0.514
part-Comp.  Periplasmic  0.357
chemo-typy  Cytoplasmic  0.842
Neighboring  Periplasmic  0.530

Combined SVM classifier:

Extracellular  0.624
OuterMembrane  0.179
Periplasmic  1.755 *
InnerMembrane  0.301
Cytoplasmic  2.140 *

SeqID: fig|6666666.171271.peg.336

CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.282
Di-peptide  Cytoplasmic  0.719
part-Comp.  Cytoplasmic  0.346
chemo-typy  Cytoplasmic  0.839
Neighboring  Periplasmic  0.288

Combined SVM classifier:
Extracellular 0.639
OuterMembrane 0.340
Periplasmic 1.212
InnerMembrane 0.397
Cytoplasmic 2.410 *

SeqID: fig|6666666.171271.peg.337
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.499
Di-peptide Cytoplasmic 0.755
part-Comp. Cytoplasmic 0.480
chemo-typy Cytoplasmic 0.518
Neighboring Periplasmic 0.327

Combined SVM classifier:
Extracellular 0.129
OuterMembrane 0.451
Periplasmic 1.284
InnerMembrane 0.561
Cytoplasmic 2.576 *

SeqID: fig|6666666.171271.peg.338
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.293
Di-peptide Cytoplasmic 0.778
part-Comp. Cytoplasmic 0.413
chemo-typy Cytoplasmic 0.751
Neighboring Periplasmic 0.376

Combined SVM classifier:
Extracellular 0.268
OuterMembrane 0.175
Periplasmic 1.423
InnerMembrane 0.570
Cytoplasmic 2.564 *

SeqID: fig|6666666.171271.peg.339
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.262
Di-peptide Cytoplasmic 0.914
part-Comp. Cytoplasmic 0.388
chemo-typy Cytoplasmic 0.834
Neighboring Cytoplasmic 0.508

Combined SVM classifier:
Extracellular 0.662
OuterMembrane 0.284
Periplasmic 0.835
InnerMembrane 0.330
***

SeqID: fig|6666666.171271.peg.340

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.846</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.573</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.533
- OuterMembrane: 0.263
- Periplasmic: 1.110
- InnerMembrane: 0.309
- Cytoplasmic: 2.785 *

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SeqID: fig|6666666.171271.peg.341

CELLO prediction:

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<td>Composition</td>
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<td>0.380</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.875</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.733</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.926</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.788</td>
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</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.245
- OuterMembrane: 0.158
- Periplasmic: 0.531
- InnerMembrane: 0.362
- Cytoplasmic: 3.703 *

***

SeqID: fig|6666666.171271.peg.342

CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.268</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.769</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.939</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.311</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.704
- OuterMembrane: 0.292
- Periplasmic: 1.092
- InnerMembrane: 0.263
- Cytoplasmic: 2.649 *
SeqID: fig|6666666.171271.peg.343
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.581
Di-peptide Cytoplasmic 0.901
part-Comp. Cytoplasmic 0.495
chemo-typy Cytoplasmic 0.506
Neighboring Cytoplasmic 0.717

Combined SVM classifier:
Extracellular 0.103
OuterMembrane 0.136
Periplasmic 0.577
InnerMembrane 0.983
Cytoplasmic 3.202 *

SeqID: fig|6666666.171271.peg.344
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.274
Di-peptide Periplasmic 0.612
part-Comp. Cytoplasmic 0.353
chemo-typy Periplasmic 0.526
Neighboring Cytoplasmic 0.332

Combined SVM classifier:
Extracellular 0.849
OuterMembrane 0.278
Periplasmic 1.943 *
InnerMembrane 0.441
Cytoplasmic 1.488 *

SeqID: fig|6666666.171271.peg.345
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.812
Di-peptide Cytoplasmic 0.856
part-Comp. Cytoplasmic 0.376
chemo-typy Periplasmic 0.448
Neighboring Cytoplasmic 0.779

Combined SVM classifier:
Extracellular 0.438
OuterMembrane 0.290
Periplasmic 0.941
InnerMembrane 0.188
Cytoplasmic 3.144 *

SeqID: fig|6666666.171271.peg.346
CELLO prediction:
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<tr>
<td>(predictor  location   reliable-index)</td>
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<tr>
<td>Composition</td>
<td>Cytoplasmic 0.262</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.790</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.491</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic 0.562</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.370</td>
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<tr>
<td>Combined SVM classifier:</td>
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<tr>
<td>Extracellular</td>
<td>0.697</td>
</tr>
<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
<td>2.475 *</td>
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<tr>
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</tr>
<tr>
<td>Composition</td>
<td>Cytoplasmic 0.426</td>
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<tr>
<td>Di-peptide</td>
<td>Extracellular 0.390</td>
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<td>part-Comp.</td>
<td>Cytoplasmic 0.412</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic 0.957</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.450</td>
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<td>Combined SVM classifier:</td>
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<tr>
<td>Extracellular</td>
<td>0.925</td>
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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
<td>1.026</td>
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<tr>
<td>InnerMembrane</td>
<td>0.367</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.479 *</td>
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<table>
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<tr>
<td>(predictor  location   reliable-index)</td>
<td></td>
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<tr>
<td>Composition</td>
<td>Cytoplasmic 0.333</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.918</td>
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<td>part-Comp.</td>
<td>Cytoplasmic 0.402</td>
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</table>
chemo-typy  Cytoplasmic  0.747
       Neighboring  Cytoplasmic  0.444

Combined SVM classifier:
       Extracellular  0.446
       OuterMembrane  0.282
       Periplasmic  1.024
       InnerMembrane  0.403
       Cytoplasmic  2.845 *

SeqID: fig|6666666.171271.peg.350
       CELLO prediction:
       (predictor  location   reliable-index)
       Composition  Extracellular  0.256
       Di-peptide  Cytoplasmic  0.451
       part-Comp.  Cytoplasmic  0.518
       chemo-typy  Cytoplasmic  0.954
       Neighboring  OuterMembrane  0.425

Combined SVM classifier:
       Extracellular  0.865
       OuterMembrane  0.927
       Periplasmic  0.723
       InnerMembrane  0.238
       Cytoplasmic  2.247 *

SeqID: fig|6666666.171271.peg.351
       CELLO prediction:
       (predictor  location   reliable-index)
       Composition  InnerMembrane  0.999
       Di-peptide  InnerMembrane  0.938
       part-Comp.  InnerMembrane  1.000
       chemo-typy  InnerMembrane  0.983
       Neighboring  InnerMembrane  1.000

Combined SVM classifier:
       Extracellular  0.002
       OuterMembrane  0.052
       Periplasmic  0.011
       InnerMembrane  4.920 *
       Cytoplasmic  0.015

SeqID: fig|6666666.171271.peg.352
       CELLO prediction:
       (predictor  location   reliable-index)
       Composition  Cytoplasmic  0.539
       Di-peptide  Cytoplasmic  0.913
       part-Comp.  Cytoplasmic  0.531
       chemo-typy  Cytoplasmic  0.730
       Neighboring  Cytoplasmic  0.838

Combined SVM classifier:
Extracellular 0.369
OuterMembrane 0.143
Periplasmic 0.598
InnerMembrane 0.338
Cytoplasmic 3.552 *

SeqID: fig|6666666.171271.peg.353

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.272
Di-peptide   Cytoplasmic 0.908
part-Comp.   Cytoplasmic 0.426
chemo-typy   Periplasmic 0.520
Neighboring  Cytoplasmic 0.667

Combined SVM classifier:
Extracellular 0.430
OuterMembrane 0.212
Periplasmic 1.193
InnerMembrane 0.433
Cytoplasmic 2.732 *

SeqID: fig|6666666.171271.peg.354

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.500
Di-peptide   Cytoplasmic 0.620
part-Comp.   Periplasmic 0.316
chemo-typy   Cytoplasmic 0.604
Neighboring  OuterMembrane 0.427

Combined SVM classifier:
Extracellular 0.697
OuterMembrane 0.663
Periplasmic 1.311
InnerMembrane 0.217
Cytoplasmic 2.113 *

SeqID: fig|6666666.171271.peg.355

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.445
Di-peptide   Cytoplasmic 0.833
part-Comp.   Cytoplasmic 0.552
chemo-typy   Cytoplasmic 0.822
Neighboring  OuterMembrane 0.872

Combined SVM classifier:
Extracellular 0.165
OuterMembrane 1.347
Periplasmic 0.438
InnerMembrane 0.331
Cytoplasmic 2.719 *

SeqID: fig|6666666.171271.peg.356
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.987
Di-peptide Cytoplasmic 0.991
part-Comp. Cytoplasmic 0.993
chemo-typy Cytoplasmic 0.888
Neighboring Cytoplasmic 0.928

Combined SVM classifier:
Extracellular 0.015
OuterMembrane 0.009
Periplasmic 0.122
InnerMembrane 0.067
Cytoplasmic 4.787 *

SeqID: fig|6666666.171271.peg.357
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.328
Di-peptide Periplasmic 0.687
part-Comp. Periplasmic 0.438
chemo-typy Cytoplasmic 0.787
Neighboring Cytoplasmic 0.367

Combined SVM classifier:
Extracellular 0.619
OuterMembrane 0.342
Periplasmic 1.924 *
InnerMembrane 0.272
Cytoplasmic 1.842 *

SeqID: fig|6666666.171271.peg.358
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.945
Di-peptide Cytoplasmic 0.956
part-Comp. Cytoplasmic 0.978
chemo-typy Cytoplasmic 0.973
Neighboring Cytoplasmic 0.993

Combined SVM classifier:
Extracellular 0.030
OuterMembrane 0.061
Periplasmic 0.019
InnerMembrane 0.044
Cytoplasmic 4.846 *
SeqID: fig|666666.171271.peg.359
CELLO prediction:
(predictor  location   reliable-index)
Composition        Cytoplasmic  0.489
Di-peptide          Cytoplasmic  0.861
part-Comp.          Cytoplasmic  0.853
chemo-typy          Cytoplasmic  0.854
Neighboring         Cytoplasmic  0.822

Combined SVM classifier:
Extracellular 0.311
OuterMembrane 0.242
Periplasmic 0.440
InnerMembrane 0.127
Cytoplasmic 3.880 *

SeqID: fig|666666.171271.peg.360
CELLO prediction:
(predictor  location   reliable-index)
Composition        Cytoplasmic  0.707
Di-peptide          Cytoplasmic  0.875
part-Comp.          Cytoplasmic  0.956
chemo-typy          Cytoplasmic  0.951
Neighboring         Cytoplasmic  0.982

Combined SVM classifier:
Extracellular 0.086
OuterMembrane 0.246
Periplasmic 0.087
InnerMembrane 0.110
Cytoplasmic 4.471 *

SeqID: fig|666666.171271.peg.361
CELLO prediction:
(predictor  location   reliable-index)
Composition        OuterMembrane 0.266
Di-peptide          OuterMembrane 0.626
part-Comp.          Cytoplasmic 0.244
chemo-typy          Cytoplasmic 0.447
Neighboring         OuterMembrane 0.468

Combined SVM classifier:
Extracellular 0.554
OuterMembrane 1.985 *
Periplasmic 0.699
InnerMembrane 0.607
Cytoplasmic 1.156

SeqID: fig|666666.171271.peg.362
CELLO prediction:
(predictor  location  reliable-index)
Composition  OuterMembrane  0.552
Di-peptide  OuterMembrane  0.736
part-Comp.  OuterMembrane  0.290
chemo-typy  OuterMembrane  0.655
Neighboring  OuterMembrane  0.773

Combined SVM classifier:
Extracellular  0.499
OuterMembrane  3.006 *
Periplasmic  0.689
InnerMembrane  0.417
Cytoplasmic  0.389

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SeqID: fig|6666666.171271.peg.363
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.961
Di-peptide  Cytoplasmic  0.959
part-Comp.  Cytoplasmic  0.997
chemo-typy  Cytoplasmic  0.691
Neighboring  Cytoplasmic  0.836

Combined SVM classifier:
Extracellular  0.065
OuterMembrane  0.177
Periplasmic  0.148
InnerMembrane  0.166
Cytoplasmic  4.444 *

*****************************************************************
******
SeqID: fig|6666666.171271.peg.364
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.400
Di-peptide  Cytoplasmic  0.485
part-Comp.  Cytoplasmic  0.392
chemo-typy  Periplasmic  0.657
Neighboring  Cytoplasmic  0.378

Combined SVM classifier:
Extracellular  0.568
OuterMembrane  0.569
Periplasmic  1.016 *
InnerMembrane  1.153 *
Cytoplasmic  1.695 *

*****************************************************************
******
SeqID: fig|6666666.171271.peg.365
CELLO prediction:
(predictor  location  reliable-index)
Composition  Extracellular  0.303
Di-peptide  Cytoplasmic  0.430
part-Comp.  Cytoplasmic  0.441
chemo-typy  
Cytoplasmic  0.763
Neighboring  Periplasmic  0.252

Combined SVM classifier:
Extracellular  0.938
OuterMembrane  0.546
Periplasmic   1.055
InnerMembrane  0.405
Cytoplasmic   2.057 *

****************************************************************
******
SeqID: fig|6666666.171271.peg.366
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane  0.969
Di-peptide InnerMembrane  1.000
part-Comp. InnerMembrane  0.994
chemo-typy InnerMembrane  0.998
Neighboring  InnerMembrane  0.959

Combined SVM classifier:
Extracellular  0.017
OuterMembrane  0.024
Periplasmic  0.014
InnerMembrane  4.920 *
Cytoplasmic  0.025

****************************************************************
******
SeqID: fig|6666666.171271.peg.367
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.323
Di-peptide Cytoplasmic  0.842
part-Comp. OuterMembrane  0.435
chemo-typy Periplasmic  0.664
Neighboring OuterMembrane  0.346

Combined SVM classifier:
Extracellular  0.841
OuterMembrane  1.332 *
Periplasmic  1.016 *
InnerMembrane  0.136
Cytoplasmic  1.674 *

****************************************************************
******
SeqID: fig|6666666.171271.peg.368
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.779
Di-peptide Cytoplasmic  0.931
part-Comp. Cytoplasmic  0.559
chemo-typy Periplasmic  0.807
Neighboring Cytoplasmic  0.314

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.390</td>
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<tr>
<td>OuterMembrane</td>
<td>0.572</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.197</td>
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<tr>
<td>InnerMembrane</td>
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| SeqID: fig|6666666.171271.peg.369 |
|CELLO prediction:|

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<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
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| Combined SVM classifier: |

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<tr>
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<tr>
<td>OuterMembrane</td>
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<tr>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.402</td>
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| SeqID: fig|6666666.171271.peg.370 |
|CELLO prediction:|

<table>
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<th>Location</th>
<th>Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.679</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.372</td>
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</table>

| Combined SVM classifier: |

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<tr>
<th>Location</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
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<tr>
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<tr>
<td>InnerMembrane</td>
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</tr>
<tr>
<td>Cytoplasmic</td>
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| SeqID: fig|6666666.171271.peg.371 |
|CELLO prediction:|

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<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.591</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.907</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.803</td>
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</table>

| Combined SVM classifier: |

<table>
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<tr>
<th>Location</th>
<th>SVM Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>1.238</td>
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<tr>
<td>InnerMembrane</td>
<td>0.135</td>
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</table>
Cytoplasmic  3.079 *

SeqID: fig|6666666.171271.peg.372
CELLO prediction:
(predictor    location          reliable-index)
Composition   InnerMembrane  0.943
Di-peptide    InnerMembrane  0.988
part-Comp.    InnerMembrane  0.953
chemo-typy    InnerMembrane  0.812
Neighboring   InnerMembrane  0.986

Combined SVM classifier:
Extracellular  0.038
OuterMembrane  0.035
Periplasmic    0.094
InnerMembrane  4.682 *
Cytoplasmic    0.152

SeqID: fig|6666666.171271.peg.373
CELLO prediction:
(predictor    location          reliable-index)
Composition   Cytoplasmic    0.266
Di-peptide    InnerMembrane  0.434
part-Comp.    Cytoplasmic    0.549
chemo-typy    InnerMembrane  0.666
Neighboring   InnerMembrane  0.790

Combined SVM classifier:
Extracellular  0.479
OuterMembrane  0.744
Periplasmic    0.317
InnerMembrane  2.440 *
Cytoplasmic    1.020

SeqID: fig|6666666.171271.peg.374
CELLO prediction:
(predictor    location          reliable-index)
Composition   Periplasmic    0.271
Di-peptide    Periplasmic    0.310
part-Comp.    Cytoplasmic    0.356
chemo-typy    Periplasmic    0.811
Neighboring   Extracellular  0.327

Combined SVM classifier:
Extracellular  0.942
OuterMembrane  0.567
Periplasmic    1.883 *
InnerMembrane  0.606
Cytoplasmic    1.002
SeqID: fig|6666666.171271.peg.375
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.613
Di-peptide Periplasmic 0.470
part-Comp. Periplasmic 0.515
chemo-typy Cytoplasmic 0.970
Neighboring Cytoplasmic 0.891

Combined SVM classifier:
Extracellular 0.195
OuterMembrane 0.105
Periplasmic 1.346
InnerMembrane 0.037
Cytoplasmic 3.316 *

SeqID: fig|6666666.171271.peg.376
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Periplasmic 0.404
part-Comp. Cytoplasmic 0.325
chemo-typy Cytoplasmic 0.878
Neighboring Extracellular 0.432

Combined SVM classifier:
Extracellular 1.127 *
OuterMembrane 0.446
Periplasmic 1.254 *
InnerMembrane 0.373
Cytoplasmic 1.801 *

SeqID: fig|6666666.171271.peg.377
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.387
Di-peptide Cytoplasmic 0.722
part-Comp. Extracellular 0.314
chemo-typy Extracellular 0.483
Neighboring OuterMembrane 0.509

Combined SVM classifier:
Extracellular 1.432 *
OuterMembrane 0.963
Periplasmic 0.594
InnerMembrane 0.350
Cytoplasmic 1.661 *

SeqID: fig|6666666.171271.peg.378
CELLO prediction:
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<th>Location</th>
<th>Reliable Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>OuterMembrane</td>
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<td>Cytoplasmic</td>
<td>0.921</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.778</td>
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<tr>
<td>Periplasmic</td>
<td>0.233</td>
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SeqID: fig|6666666.171271.peg.379

CELLO prediction:

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</tr>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.433</td>
</tr>
<tr>
<td>Di-peptide</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.331</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.032 *</td>
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SeqID: fig|6666666.171271.peg.380

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<td>OuterMembrane</td>
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Combined SVM classifier:

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<th>Value</th>
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<tbody>
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<tr>
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SeqID: fig|6666666.171271.peg.381

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
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chemo-typy  Periplasmic  0.750
Neighboring  OuterMembrane  0.369

Combined SVM classifier:
Extracellular  0.610
OuterMembrane  1.283 *
Periplasmic   1.247 *
InnerMembrane 0.353
Cytoplasmic  1.506 *

***********************************************
******
SeqID: fig|6666666.171271.peg.382
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Cytoplasmic  0.411
part-Comp.   Extracellular 0.456
chemo-typy   Extracellular 0.675
Neighboring  Extracellular  0.667

Combined SVM classifier:
Extracellular  2.447 *
OuterMembrane 0.564
Periplasmic   0.585
InnerMembrane 0.337
Cytoplasmic  1.067

***********************************************
******
SeqID: fig|6666666.171271.peg.383
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.921
Di-peptide   Cytoplasmic  0.616
part-Comp.   Cytoplasmic  0.886
chemo-typy   Periplasmic  0.608
Neighboring  Cytoplasmic  0.966

Combined SVM classifier:
Extracellular  0.048
OuterMembrane 0.177
Periplasmic   0.675
InnerMembrane 0.472
Cytoplasmic  3.628 *

***********************************************
******
SeqID: fig|6666666.171271.peg.384
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular 0.946
Di-peptide   Extracellular 0.441
part-Comp.   Extracellular 0.621
chemo-typy   OuterMembrane 0.759
Neighboring  Extracellular  0.554

Combined SVM classifier:
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<tbody>
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<td>Extracellular</td>
<td>2.613 *</td>
<td>Extracellular 1.505</td>
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<tr>
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SeqID: fig|6666666.171271.peg.385

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.386

CELLO prediction:

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Combined SVM classifier:

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<tbody>
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<tr>
<td>OuterMembrane</td>
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<tr>
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SeqID: fig|6666666.171271.peg.387

CELLO prediction:

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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<tr>
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<td>0.857</td>
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Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
<td>3.399 *</td>
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<tr>
<td>Periplasmic</td>
<td>0.074</td>
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<tr>
<td>InnerMembrane</td>
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Cytoplasmic 0.007

SeqID: fig|6666666.171271.peg.388
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.664
Di-peptide Cytoplasmic 0.971
part-Comp. Cytoplasmic 0.805
chemo-typy Cytoplasmic 0.628
Neighboring Cytoplasmic 0.837

Combined SVM classifier:
Extracellular 0.350
OuterMembrane 0.162
Periplasmic 0.430
InnerMembrane 0.153
Cytoplasmic 3.905 *

SeqID: fig|6666666.171271.peg.389
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.955
Di-peptide OuterMembrane 0.660
part-Comp. Cytoplasmic 0.912
chemo-typy Periplasmic 0.515
Neighboring Cytoplasmic 0.945

Combined SVM classifier:
Extracellular 0.183
OuterMembrane 0.514
Periplasmic 0.575
InnerMembrane 0.037
Cytoplasmic 3.691 *

SeqID: fig|6666666.171271.peg.390
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.635
Di-peptide OuterMembrane 0.683
part-Comp. Cytoplasmic 0.409
chemo-typy Periplasmic 0.540
Neighboring Cytoplasmic 0.828

Combined SVM classifier:
Extracellular 0.428
OuterMembrane 1.335
Periplasmic 0.767
InnerMembrane 0.115
Cytoplasmic 2.355 *
SeqID: fig|6666666.171271.peg.391
CELLO prediction:
(predictor      location   reliable-index)
Composition    Cytoplasmic  0.788
Di-peptide     OuterMembrane 0.369
part-Comp.     Cytoplasmic  0.716
chemo-typy     Cytoplasmic  0.431
Neighboring    Cytoplasmic  0.859

Combined SVM classifier:
Extracellular  0.217
OuterMembrane  0.911
Periplasmic    0.275
InnerMembrane  0.448
Cytoplasmic   3.148 *

SeqID: fig|6666666.171271.peg.392
CELLO prediction:
(predictor      location   reliable-index)
Composition    OuterMembrane 0.849
Di-peptide     Cytoplasmic  0.594
part-Comp.     OuterMembrane 0.849
chemo-typy     Cytoplasmic  0.951
Neighboring    Cytoplasmic  0.463

Combined SVM classifier:
Extracellular  0.198
OuterMembrane  2.337 *
Periplasmic    0.150
InnerMembrane  0.156
Cytoplasmic   2.159 *

SeqID: fig|6666666.171271.peg.393
CELLO prediction:
(predictor      location   reliable-index)
Composition    Cytoplasmic  0.649
Di-peptide     Cytoplasmic  0.340
part-Comp.     Cytoplasmic  0.891
chemo-typy     InnerMembrane 0.243
Neighboring    Cytoplasmic  0.919

Combined SVM classifier:
Extracellular  0.668
OuterMembrane  0.686
Periplasmic    0.272
InnerMembrane  0.373
Cytoplasmic   3.001 *

SeqID: fig|6666666.171271.peg.394
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.260
Di-peptide InnerMembrane 0.843
part-Comp. Cytoplasmic 0.361
chemo-typy Extracellular 0.333
Neighboring Cytoplasmic 0.301

Combined SVM classifier:
Extracellular 0.978
OuterMembrane 0.268
Periplasmic 0.828
InnerMembrane 1.668 *
Cytoplasmic 1.257 *

SeqID: fig|6666666.171271.peg.395
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.258
Di-peptide InnerMembrane 0.861
part-Comp. Cytoplasmic 0.404
chemo-typy InnerMembrane 0.549
Neighboring Cytoplasmic 0.311

Combined SVM classifier:
Extracellular 0.771
OuterMembrane 0.266
Periplasmic 0.770
InnerMembrane 1.979 *
Cytoplasmic 1.214

SeqID: fig|6666666.171271.peg.396
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.609
Di-peptide Cytoplasmic 0.957
part-Comp. Cytoplasmic 0.959
chemo-typy Cytoplasmic 0.940
Neighboring Cytoplasmic 0.926

Combined SVM classifier:
Extracellular 0.154
OuterMembrane 0.142
Periplasmic 0.176
InnerMembrane 0.137
Cytoplasmic 4.392 *

SeqID: fig|6666666.171271.peg.397
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.997
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.991
chemo-typy InnerMembrane 0.940
Neighboring InnerMembrane 0.998

Combined SVM classifier:
Extracellular 0.015
OuterMembrane 0.021
Periplasmic 0.013
InnerMembrane 4.926 *
Cytoplasmic 0.024

SeqID: fig|6666666.171271.peg.398
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.616
Di-peptide Cytoplasmic 0.507
part-Comp. Cytoplasmic 0.898
chemo-typy Cytoplasmic 0.325
Neighboring Cytoplasmic 0.810

Combined SVM classifier:
Extracellular 0.568
OuterMembrane 1.425
Periplasmic 0.186
InnerMembrane 0.029
Cytoplasmic 2.793 *

SeqID: fig|6666666.171271.peg.399
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.390
Di-peptide OuterMembrane 0.360
part-Comp. Extracellular 0.586
chemo-typy Cytoplasmic 0.477
Neighboring Periplasmic 0.302

Combined SVM classifier:
Extracellular 1.866 *
OuterMembrane 0.823
Periplasmic 1.081
InnerMembrane 0.121
Cytoplasmic 1.110

SeqID: fig|6666666.171271.peg.400
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.314
Di-peptide Extracellular 0.665
part-Comp. Extracellular 0.453
chemo-typy Extracellular 0.901
Neighboring OuterMembrane 0.789

Combined SVM classifier:
Extracellular 2.479 *
OuterMembrane 1.672
Periplasmic 0.366
InnerMembrane 0.192
Cytoplasmic 0.292

******
SeqID: fig|6666666.171271.peg.401
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.261
Di-peptide     Cytoplasmic  0.878
part-Comp.     Cytoplasmic  0.511
chemo-typy     Extracellular  0.503
Neighboring    Cytoplasmic  0.445

Combined SVM classifier:
Extracellular  1.299
OuterMembrane  0.436
Periplasmic    0.779
InnerMembrane  0.363
Cytoplasmic    2.124 *

******
SeqID: fig|6666666.171271.peg.402
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.266
Di-peptide     Cytoplasmic  0.795
part-Comp.     Cytoplasmic  0.387
chemo-typy     Cytoplasmic  0.807
Neighboring    Cytoplasmic  0.412

Combined SVM classifier:
Extracellular  0.711
OuterMembrane  0.292
Periplasmic    1.027
InnerMembrane  0.327
Cytoplasmic    2.643 *

******
SeqID: fig|6666666.171271.peg.403
CELLO prediction:
(predictor  location   reliable-index)
Composition    Extracellular  0.945
Di-peptide     Extracellular  0.700
part-Comp.     Extracellular  0.571
chemo-typy     Extracellular  0.715
Neighboring    Extracellular  0.828

Combined SVM classifier:
Extracellular  3.760 *
OuterMembrane  0.269
Periplasmic    0.666
InnerMembrane  0.094
**SeqID: fig|6666666.171271.peg.404**

CELLO prediction:

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<td>part-Comp.</td>
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Combined SVM classifier:

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**SeqID: fig|6666666.171271.peg.405**

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Combined SVM classifier:

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**SeqID: fig|6666666.171271.peg.406**

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.407

CELLO prediction:

(predictor       location       reliable-index)
Composition      Cytoplasmic      0.618
Di-peptide       Cytoplasmic      0.974
part-Comp.       Cytoplasmic      0.921
chemo-typy       Cytoplasmic      0.909
Neighboring      Cytoplasmic      0.978

Combined SVM classifier:

Extracellular    0.120
OuterMembrane    0.077
Periplasmic      0.228
InnerMembrane    0.175
Cytoplasmic      4.399 *

SeqID: fig|6666666.171271.peg.408

CELLO prediction:

(predictor       location       reliable-index)
Composition      Cytoplasmic      0.461
Di-peptide       Cytoplasmic      0.832
part-Comp.       Cytoplasmic      0.549
chemo-typy       Cytoplasmic      0.741
Neighboring      Cytoplasmic      0.689

Combined SVM classifier:

Extracellular    0.648
OuterMembrane    0.275
Periplasmic      0.406
InnerMembrane    0.399
Cytoplasmic      3.272 *

SeqID: fig|6666666.171271.peg.409

CELLO prediction:

(predictor       location       reliable-index)
Composition      Cytoplasmic      0.379
Di-peptide       Cytoplasmic      0.981
part-Comp.       Cytoplasmic      0.542
chemo-typy       Periplasmic      0.519
Neighboring      Cytoplasmic      0.612

Combined SVM classifier:

Extracellular    0.647
OuterMembrane    0.193
Periplasmic      0.868
InnerMembrane    0.350
Cytoplasmic      2.942 *

SeqID: fig|6666666.171271.peg.410

CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.452
Di-peptide OuterMembrane 0.656
part-Comp. InnerMembrane 0.435
chemo-typy OuterMembrane 0.962
Neighboring OuterMembrane 0.690

Combined SVM classifier:
Extracellular 0.505
OuterMembrane 2.865 *
Periplasmic 0.284
InnerMembrane 0.907
Cytoplasmic 0.439

SeqID: fig|6666666.171271.peg.411
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.334
Di-peptide Cytoplasmic 0.783
part-Comp. Cytoplasmic 0.502
chemo-typy Cytoplasmic 0.657
Neighboring Cytoplasmic 0.400

Combined SVM classifier:
Extracellular 0.461
OuterMembrane 0.516
Periplasmic 0.756
InnerMembrane 0.589
Cytoplasmic 2.677 *

SeqID: fig|6666666.171271.peg.412
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.270
Di-peptide OuterMembrane 0.661
part-Comp. Extracellular 0.339
chemo-typy Extracellular 0.712
Neighboring OuterMembrane 0.639

Combined SVM classifier:
Extracellular 1.700 *
OuterMembrane 1.827 *
Periplasmic 0.527
InnerMembrane 0.260
Cytoplasmic 0.686

SeqID: fig|6666666.171271.peg.413
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.359
Di-peptide InnerMembrane 0.588
part-Comp. Cytoplasmic 0.437
chemo-typy Periplasmic 0.810
Neighboring OuterMembrane 0.396

Combined SVM classifier:
Extracellular 0.702
OuterMembrane 0.661
Periplasmic 1.307 *
InnerMembrane 1.208 *
Cytoplasmic 1.122 *

SeqID: fig|6666666.171271.peg.414
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.893
Di-peptide Cytoplasmic 0.496
part-Comp. Cytoplasmic 0.942
chemo-typy Cytoplasmic 0.759
Neighboring Cytoplasmic 0.980

Combined SVM classifier:
Extracellular 0.079
OuterMembrane 0.337
Periplasmic 0.252
InnerMembrane 0.262
Cytoplasmic 4.070 *

SeqID: fig|6666666.171271.peg.415
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.333
Di-peptide Cytoplasmic 0.542
part-Comp. Cytoplasmic 0.396
chemo-typy Periplasmic 0.842
Neighboring Extracellular 0.335

Combined SVM classifier:
Extracellular 1.001 *
OuterMembrane 0.456
Periplasmic 1.506 *
InnerMembrane 0.389
Cytoplasmic 1.648 *

SeqID: fig|6666666.171271.peg.416
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.822
Di-peptide Cytoplasmic 0.347
part-Comp. Cytoplasmic 0.785
chemo-typy Cytoplasmic 0.657
Neighboring Cytoplasmic 0.895

Combined SVM classifier:
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<tbody>
<tr>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.417

**CELLO prediction:**

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**Combined SVM classifier:**

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**CELLO prediction:**

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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.419

**CELLO prediction:**

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**Combined SVM classifier:**

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<td></td>
<td></td>
</tr>
<tr>
<td>part-Comp. Cytoplasmic 0.994</td>
<td></td>
<td></td>
</tr>
<tr>
<td>chemo-typy Cytoplasmic 0.823</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Neighboring Cytoplasmic 0.970</td>
<td></td>
<td></td>
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<tr>
<td>Combined SVM classifier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extracellular 0.061</td>
<td></td>
<td></td>
</tr>
<tr>
<td>OuterMembrane 0.109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Periplasmic 0.164</td>
<td></td>
<td></td>
</tr>
<tr>
<td>InnerMembrane 0.054</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic 4.612 *</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| SeqID: fig|6666666.171271.peg.424 |
|----------------------------|
| CELLO prediction:          |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.439 |
| Di-peptide Cytoplasmic 0.626 |
| part-Comp. Cytoplasmic 0.517 |
| chemo-typy Periplasmic 0.833 |
| Neighboring Cytoplasmic 0.564 |
| Combined SVM classifier:   |
| Extracellular 0.375        |
| OuterMembrane 0.602        |
| Periplasmic 1.143          |
| InnerMembrane 0.669        |
| Cytoplasmic 2.211 *        |

| SeqID: fig|6666666.171271.peg.425 |
|----------------------------|
| CELLO prediction:          |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.843 |
| Di-peptide Cytoplasmic 0.688 |
| part-Comp. Cytoplasmic 0.731 |
| chemo-typy Cytoplasmic 0.754 |
| Neighboring Cytoplasmic 0.794 |
| Combined SVM classifier:   |
| Extracellular 0.364        |
| OuterMembrane 0.116        |
| Periplasmic 0.514          |
| InnerMembrane 0.196        |
| Cytoplasmic 3.810 *        |

<p>| SeqID: fig|6666666.171271.peg.426 |
|----------------------------|
| CELLO prediction:          |</p>
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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.961</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.998</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.986</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.998</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.994</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

 Extracellular 0.013
 OuterMembrane 0.008
 Periplasmic 0.015
 InnerMembrane 4.937 *
 Cytoplasmic 0.027

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
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<tbody>
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<td>Composition</td>
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<td>0.504</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.404</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.358</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.920</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.595</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

 Extracellular 1.893 *
 OuterMembrane 0.475
 Periplasmic 1.745 *
 InnerMembrane 0.270
 Cytoplasmic 0.617

CELLO prediction:

<table>
<thead>
<tr>
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<th>location</th>
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<tbody>
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<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.808</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.771</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.733</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.541</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.681</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

 Extracellular 0.508
 OuterMembrane 0.101
 Periplasmic 0.917
 InnerMembrane 0.065
 Cytoplasmic 3.410 *

CELLO prediction:

<table>
<thead>
<tr>
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<td>Composition</td>
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<td>0.859</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.940</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.562</td>
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</table>
chemo-typy OuterMembrane 0.702
Neighboring Extracellular 0.649

Combined SVM classifier:
Extracellular 2.319 *
OuterMembrane 2.172 *
Periplasmic 0.354
InnerMembrane 0.035
Cytoplasmic 0.120

SeqID: fig|6666666.171271.peg.430
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.986
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.980
chemo-typy InnerMembrane 0.981
Neighboring InnerMembrane 0.999

Combined SVM classifier:
Extracellular 0.005
OuterMembrane 0.031
Periplasmic 0.014
InnerMembrane 4.944 *
Cytoplasmic 0.006

SeqID: fig|6666666.171271.peg.431
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.700
Di-peptide Cytoplasmic 0.853
part-Comp. Cytoplasmic 0.508
chemo-typy Cytoplasmic 0.976
Neighboring Cytoplasmic 0.923

Combined SVM classifier:
Extracellular 0.221
OuterMembrane 0.068
Periplasmic 0.657
InnerMembrane 0.094
Cytoplasmic 3.959 *

SeqID: fig|6666666.171271.peg.432
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.512
Di-peptide Cytoplasmic 0.557
part-Comp. Cytoplasmic 0.933
chemo-typy Cytoplasmic 0.862
Neighboring Cytoplasmic 0.966

Combined SVM classifier:
Extracellular 0.137
OuterMembrane 0.719
Periplasmic 0.167
InnerMembrane 0.147
Cytoplasmic 3.829 *

SeqID: fig|6666666.171271.peg.433
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.986
Di-peptide Extracellular 0.688
part-Comp. Extracellular 0.608
chemo-typy Extracellular 0.736
Neighboring OuterMembrane 0.641

Combined SVM classifier:
Extracellular 3.308 *
OuterMembrane 1.105
Periplasmic 0.522
InnerMembrane 0.010
Cytoplasmic 0.056

SeqID: fig|6666666.171271.peg.434
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.785
Di-peptide OuterMembrane 0.936
part-Comp. OuterMembrane 0.506
chemo-typy OuterMembrane 0.489
Neighboring OuterMembrane 0.844

Combined SVM classifier:
Extracellular 0.839
OuterMembrane 3.560 *
Periplasmic 0.264
InnerMembrane 0.238
Cytoplasmic 0.099

SeqID: fig|6666666.171271.peg.435
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.251
Di-peptide InnerMembrane 0.865
part-Comp. Cytoplasmic 0.460
chemo-typy InnerMembrane 0.512
Neighboring Cytoplasmic 0.304

Combined SVM classifier:
Extracellular 0.660
OuterMembrane 0.360
Periplasmic 0.635
InnerMembrane 1.974 *
Cytoplasmic  1.371 *

SeqID: fig|6666666.171271.peg.436
CELLO prediction:

<table>
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<th>predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.670</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.446</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.888</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.811</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.788</td>
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Combined SVM classifier:

<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.159</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.954</td>
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<tr>
<td>InnerMembrane</td>
<td>0.099</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.603 *</td>
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SeqID: fig|6666666.171271.peg.437
CELLO prediction:

<table>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.878</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.780</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.324</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.621</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.744</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.199</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>2.833 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.245</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.136</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.586</td>
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SeqID: fig|6666666.171271.peg.438
CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.756</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.545</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.843</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.807</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.854</td>
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Combined SVM classifier:

<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.186</td>
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<tr>
<td>OuterMembrane</td>
<td>0.737</td>
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<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.121</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.805 *</td>
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</table>
SeqID: fig|6666666.171271.peg.439
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.589
Di-peptide Cytoplasmic 0.730
part-Comp. Cytoplasmic 0.542
chemo-typy Periplasmic 0.601
Neighboring Cytoplasmic 0.706

Combined SVM classifier:

Extracellular 0.544
OuterMembrane 0.676
Periplasmic 0.835
InnerMembrane 0.175
Cytoplasmic 2.770 *

SeqID: fig|6666666.171271.peg.440
CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.428
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.389
chemo-typy InnerMembrane 0.994
Neighboring InnerMembrane 0.435

Combined SVM classifier:

Extracellular 0.300
OuterMembrane 0.195
Periplasmic 0.364
InnerMembrane 3.247 *
Cytoplasmic 0.894

SeqID: fig|6666666.171271.peg.441
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.258
Di-peptide InnerMembrane 0.992
part-Comp. Cytoplasmic 0.472
chemo-typy InnerMembrane 0.998
Neighboring InnerMembrane 0.400

Combined SVM classifier:

Extracellular 0.411
OuterMembrane 0.276
Periplasmic 0.497
InnerMembrane 2.811 *
Cytoplasmic 1.005

SeqID: fig|6666666.171271.peg.442
CELLO prediction:
<table>
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<th>Predictor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.546</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.923</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.635</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.699</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.676</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.561
- Outer Membrane: 0.187
- Periplasmic: 0.426
- Inner Membrane: 0.349
- Cytoplasmic: 3.478 *

SeqID: fig|6666666.171271.peg.443

CELLO prediction:

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<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
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<tr>
<td>part-Comp.</td>
<td>Inner Membrane</td>
<td>0.910</td>
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<tr>
<td>chemo-typy</td>
<td>Inner Membrane</td>
<td>0.998</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
<td>0.938</td>
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</table>

Combined SVM classifier:

- Extracellular: 0.080
- Outer Membrane: 0.081
- Periplasmic: 0.081
- Inner Membrane: 4.635 *
- Cytoplasmic: 0.123

SeqID: fig|6666666.171271.peg.444

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
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<tbody>
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<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.695</td>
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Combined SVM classifier:

- Extracellular: 0.597
- Outer Membrane: 0.263
- Periplasmic: 0.378
- Inner Membrane: 0.237
- Cytoplasmic: 3.524 *

SeqID: fig|6666666.171271.peg.445

CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>Di-peptide</td>
<td>Inner Membrane</td>
<td>0.605</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.497</td>
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</table>
chemo-typy InnerMembrane 0.522
Neighboring InnerMembrane 0.407

Combined SVM classifier:
Extracellular 0.427
OuterMembrane 0.520
Periplasmic 0.448
InnerMembrane 1.942 *
Cytoplasmic 1.663 *

 ****************************************************************************
******
SeqID: fig|6666666.171271.peg.446
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.517
Di-peptide Cytoplasmic 0.873
part-Comp. Cytoplasmic 0.651
chemo-typy Cytoplasmic 0.948
Neighboring Cytoplasmic 0.547

Combined SVM classifier:
Extracellular 0.582
OuterMembrane 0.249
Periplasmic 0.364
InnerMembrane 0.269
Cytoplasmic 3.536 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.447
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide InnerMembrane 0.811
part-Comp. Cytoplasmic 0.383
chemo-typy Periplasmic 0.405
Neighboring Cytoplasmic 0.287

Combined SVM classifier:
Extracellular 0.671
OuterMembrane 0.383
Periplasmic 1.060
InnerMembrane 1.773 *
Cytoplasmic 1.113 *

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******
SeqID: fig|6666666.171271.peg.448
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.440
Di-peptide OuterMembrane 0.979
part-Comp. OuterMembrane 0.842
chemo-typy Extracellular 0.748
Neighboring OuterMembrane 0.981

Combined SVM classifier:
Extracellular 0.973
OuterMembrane 3.335 *
Periplasmic 0.341
InnerMembrane 0.216
Cytoplasmic 0.136

SeqID: fig|6666666.171271.peg.449
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.483
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.480
chemo-typy InnerMembrane 0.982
Neighboring InnerMembrane 0.575

Combined SVM classifier:
Extracellular 0.285
OuterMembrane 0.201
Periplasmic 0.371
InnerMembrane 3.520 *
Cytoplasmic 0.622

SeqID: fig|6666666.171271.peg.450
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.274
Di-peptide Periplasmic 0.406
part-Comp. Periplasmic 0.510
chemo-typy Periplasmic 0.694
Neighboring OuterMembrane 0.379

Combined SVM classifier:
Extracellular 1.062
OuterMembrane 0.759
Periplasmic 2.194 *
InnerMembrane 0.234
Cytoplasmic 0.752

SeqID: fig|6666666.171271.peg.451
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.726
Di-peptide OuterMembrane 0.710
part-Comp. OuterMembrane 0.705
chemo-typy Extracellular 0.357
Neighboring OuterMembrane 0.856

Combined SVM classifier:
Extracellular 0.798
OuterMembrane 3.243 *
Periplasmic 0.413
InnerMembrane 0.267
Cytoplasmic 0.279

SeqID: fig|6666666.171271.peg.452
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.540
Di-peptide OuterMembrane 0.742
part-Comp. Cytoplasmic 0.474
chemo-typy Cytoplasmic 0.669
Neighboring Extracellular 0.769

Combined SVM classifier:
Extracellular 1.146
OuterMembrane 1.375 *
Periplasmic 0.395
InnerMembrane 0.171
Cytoplasmic 1.913 *

SeqID: fig|6666666.171271.peg.453
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.329
Di-peptide InnerMembrane 0.581
part-Comp. InnerMembrane 0.687
chemo-typy InnerMembrane 0.716
Neighboring InnerMembrane 0.344

Combined SVM classifier:
Extracellular 0.608
OuterMembrane 0.821
Periplasmic 0.229
InnerMembrane 2.606 *
Cytoplasmic 0.736

SeqID: fig|6666666.171271.peg.454
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.282
Di-peptide Extracellular 0.780
part-Comp. Extracellular 0.344
chemo-typy Extracellular 0.615
Neighboring Extracellular 0.682

Combined SVM classifier:
Extracellular 2.646 *
OuterMembrane 0.674
Periplasmic 0.809
InnerMembrane 0.146
Cytoplasmic 0.725
SeqID: fig|6666666.171271.peg.455
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.245
Di-peptide   OuterMembrane 0.942
part-Comp.   OuterMembrane 0.295
chemo-typy   OuterMembrane 0.726
Neighboring  OuterMembrane 0.857

Combined SVM classifier:
Extracellular 0.804
OuterMembrane 2.959 *
Periplasmic 0.327
InnerMembrane 0.309
Cytoplasmic 0.601

SeqID: fig|6666666.171271.peg.456
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   Cytoplasmic  0.915
part-Comp.   Cytoplasmic  0.357
chemo-typy   Cytoplasmic  0.819
Neighboring  Cytoplasmic  0.397

Combined SVM classifier:
Extracellular 0.748
OuterMembrane 0.277
Periplasmic 0.852
InnerMembrane 0.400
Cytoplasmic 2.723 *

SeqID: fig|6666666.171271.peg.457
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.403
Di-peptide   Cytoplasmic  0.489
part-Comp.   Extracellular 0.391
chemo-typy   OuterMembrane 0.338
Neighboring  Cytoplasmic  0.500

Combined SVM classifier:
Extracellular 1.346 *
OuterMembrane 0.792
Periplasmic 0.750
InnerMembrane 0.347
Cytoplasmic 1.765 *

SeqID: fig|6666666.171271.peg.458
CELLO prediction:
(predictor  location   reliable-index)
Composition    InnerMembrane  0.376
Di-peptide     InnerMembrane  0.954
part-Comp.     Cytoplasmic   0.760
chemo-typy     Cytoplasmic   0.667
Neighboring    InnerMembrane  0.690

Combined SVM classifier:
Extracellular  0.174
OuterMembrane  0.245
Periplasmic    0.074
InnerMembrane  2.474 *
Cytoplasmic    2.033 *

SeqID: fig|6666666.171271.peg.459
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.271
Di-peptide     InnerMembrane 0.509
part-Comp.     Cytoplasmic  0.356
chemo-typy     Cytoplasmic  0.871
Neighboring    Cytoplasmic  0.353

Combined SVM classifier:
Extracellular  0.770
OuterMembrane  0.279
Periplasmic    0.866
InnerMembrane  0.914
Cytoplasmic    2.172 *

SeqID: fig|6666666.171271.peg.460
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.925
Di-peptide     Cytoplasmic  0.966
part-Comp.     Cytoplasmic  0.910
chemo-typy     Cytoplasmic  0.812
Neighboring    Cytoplasmic  0.917

Combined SVM classifier:
Extracellular  0.161
OuterMembrane  0.030
Periplasmic    0.148
InnerMembrane  0.131
Cytoplasmic    4.530 *

SeqID: fig|6666666.171271.peg.461
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.263
Di-peptide     Cytoplasmic  0.405
part-Comp.     Cytoplasmic  0.394
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<tbody>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
<td>0.713</td>
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Combined SVM classifier:

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<td>Extracellular</td>
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<td>0.654</td>
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<tr>
<td>OuterMembrane</td>
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<td>0.721</td>
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<tr>
<td>Periplasmic</td>
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<td>0.833</td>
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<td>2.382 *</td>
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SeqID: fig|6666666.171271.peg.462
CELOL prediction:

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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.486</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.912</td>
</tr>
<tr>
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<td>InnerMembrane</td>
<td>0.607</td>
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Combined SVM classifier:

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<tr>
<td>Extracellular</td>
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<td>0.253</td>
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<tr>
<td>OuterMembrane</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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<td>1.977 *</td>
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SeqID: fig|6666666.171271.peg.463
CELOL prediction:

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<td>Di-peptide</td>
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Combined SVM classifier:

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<td>OuterMembrane</td>
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<td>0.035</td>
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<tr>
<td>Periplasmic</td>
<td></td>
<td>0.032</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.464
CELOL prediction:

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<td>Di-peptide</td>
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<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
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<td>OuterMembrane</td>
<td>0.561</td>
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Combined SVM classifier:
<table>
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<tr>
<th>Location</th>
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<th>OuterMembrane</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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<tbody>
<tr>
<td>seqID: fig</td>
<td>6666666.171271.peg.465</td>
<td>0.871</td>
<td>0.281</td>
<td>2.212 *</td>
<td>0.661</td>
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<tr>
<td></td>
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<td>0.722</td>
<td>0.204</td>
<td>0.823</td>
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<tr>
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<td>6666666.171271.peg.467</td>
<td>1.120</td>
<td>0.607</td>
<td>0.474</td>
</tr>
</tbody>
</table>

**CELLO prediction:**

- **Composition:** Cytoplasmic 0.269
- **Di-peptide:** Cytoplasmic 0.450
- **part-Comp.** Cytoplasmic 0.351
- **chemo-typy:** Cytoplasmic 0.447
- **Neighboring:** Extracellular 0.505

**Combined SVM classifier:**

- **Extracellular:** 1.173 *
- **OuterMembrane:** 0.529
- **Periplasmic:** 1.350 *
- **InnerMembrane:** 0.365
- **Cytoplasmic:** 1.583 *

---

**CELLO prediction:**

- **Composition:** Cytoplasmic 0.276
- **Di-peptide:** Cytoplasmic 0.703
- **part-Comp.** Cytoplasmic 0.404
- **chemo-typy:** Cytoplasmic 0.852
- **Neighboring:** Cytoplasmic 0.659

**Combined SVM classifier:**

- **Extracellular:** 0.722
- **OuterMembrane:** 0.204
- **Periplasmic:** 0.823
- **InnerMembrane:** 0.357
- **Cytoplasmic:** 2.893 *

---

**CELLO prediction:**

- **Composition:** Cytoplasmic 0.427
- **Di-peptide:** Cytoplasmic 0.554
- **part-Comp.** Cytoplasmic 0.574
- **chemo-typy:** Cytoplasmic 0.553
- **Neighboring:** Cytoplasmic 0.521

**Combined SVM classifier:**

- **Extracellular:** 1.120
- **OuterMembrane:** 0.607
- **Periplasmic:** 0.474
- **InnerMembrane:** 0.170
Cytoplasmic 2.629 *

SeqID: fig|6666666.171271.peg.468
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.711
Di-peptide Cytoplasmic 0.270
part-Comp. Cytoplasmic 0.947
chemo-typy InnerMembrane 0.307
Neighboring Cytoplasmic 0.720

Combined SVM classifier:
Extracellular 0.320
OuterMembrane 0.475
Periplasmic 0.810
InnerMembrane 0.574
Cytoplasmic 2.822 *

SeqID: fig|6666666.171271.peg.469
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.305
Di-peptide Cytoplasmic 0.788
part-Comp. Cytoplasmic 0.575
chemo-typy Cytoplasmic 0.828
Neighboring Cytoplasmic 0.675

Combined SVM classifier:
Extracellular 0.503
OuterMembrane 0.467
Periplasmic 0.628
InnerMembrane 0.231
Cytoplasmic 3.171 *

SeqID: fig|6666666.171271.peg.470
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.299
Di-peptide Cytoplasmic 0.574
part-Comp. Cytoplasmic 0.571
chemo-typy Cytoplasmic 0.693
Neighboring Periplasmic 0.292

Combined SVM classifier:
Extracellular 1.059
OuterMembrane 0.628
Periplasmic 0.754
InnerMembrane 0.230
Cytoplasmic 2.329 *
SeqID: fig|6666666.171271.peg.471
CELLO prediction:

(predictor  location   reliable-index)
Composition InnerMembrane 0.950
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.765
chemo-typy InnerMembrane 0.981
Neighboring InnerMembrane 0.925

Combined SVM classifier:
Extracellular 0.074
OuterMembrane 0.060
Periplasmic 0.072
InnerMembrane 4.620 *
Cytoplasmic 0.174

SeqID: fig|6666666.171271.peg.472
CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.891
Di-peptide Cytoplasmic 0.732
part-Comp. Cytoplasmic 0.845
chemo-typy Cytoplasmic 0.808
Neighboring Cytoplasmic 0.744

Combined SVM classifier:
Extracellular 0.161
OuterMembrane 0.291
Periplasmic 0.150
InnerMembrane 0.378
Cytoplasmic 4.020 *

SeqID: fig|6666666.171271.peg.473
CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.843
Di-peptide Cytoplasmic 0.723
part-Comp. Cytoplasmic 0.939
chemo-typy Cytoplasmic 0.915
Neighboring Cytoplasmic 0.968

Combined SVM classifier:
Extracellular 0.088
OuterMembrane 0.301
Periplasmic 0.123
InnerMembrane 0.100
Cytoplasmic 4.388 *

SeqID: fig|6666666.171271.peg.474
CELLO prediction:
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>Cytoplasmic</td>
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<td>Extracellular</td>
<td>0.385</td>
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Combined SVM classifier:

<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.476

CELLO prediction:

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<tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.571</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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Combined SVM classifier:

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<tr>
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SeqID: fig|6666666.171271.peg.477

CELLO prediction:

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<td>Composition</td>
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SeqID: fig|6666666.171271.peg.478

CELLO prediction:
chemo-typy  Periplasmic  0.496
Neighboring  Cytoplasmic  0.644

Combined SVM classifier:
Extracellular  0.323
OuterMembrane  0.469
Periplasmic  0.683
InnerMembrane  0.168
Cytoplasmic  3.358 *

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******
SeqID: fig|6666666.171271.peg.478
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.454
Di-peptide    OuterMembrane  0.389
part-Comp.  Cytoplasmic  0.549
chemo-typy  Periplasmic  0.385
Neighboring  Cytoplasmic  0.448

Combined SVM classifier:
Extracellular  1.397 *
OuterMembrane  1.024
Periplasmic  0.704
InnerMembrane  0.097
Cytoplasmic  1.779 *

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******
SeqID: fig|6666666.171271.peg.479
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.344
Di-peptide    InnerMembrane  0.626
part-Comp.  Cytoplasmic  0.378
chemo-typy  InnerMembrane  0.779
Neighboring  Periplasmic  0.540

Combined SVM classifier:
Extracellular  0.414
OuterMembrane  0.535
Periplasmic  1.050
InnerMembrane  1.888 *
Cytoplasmic  1.113

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******
SeqID: fig|6666666.171271.peg.480
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.791
Di-peptide    Cytoplasmic  0.800
part-Comp.  Cytoplasmic  0.829
chemo-typy  Cytoplasmic  0.817
Neighboring  Cytoplasmic  0.456

Combined SVM classifier:
Extracellular 0.419
OuterMembrane 0.158
Periplasmic 0.594
InnerMembrane 0.136
Cytoplasmic 3.693 *

SeqID: fig|6666666.171271.peg.481
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.410
Di-peptide OuterMembrane 0.386
part-Comp. Cytoplasmic 0.453
chemo-typy Extracellular 0.371
Neighboring OuterMembrane 0.626

Combined SVM classifier:
Extracellular 0.970
OuterMembrane 1.642 *
Periplasmic 0.530
InnerMembrane 0.135
Cytoplasmic 1.722 *

SeqID: fig|6666666.171271.peg.482
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.953
Di-peptide Cytoplasmic 0.923
part-Comp. Cytoplasmic 0.849
chemo-typy Cytoplasmic 0.663
Neighboring Cytoplasmic 0.634

Combined SVM classifier:
Extracellular 0.274
OuterMembrane 0.187
Periplasmic 0.394
InnerMembrane 0.122
Cytoplasmic 4.022 *

SeqID: fig|6666666.171271.peg.483
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.421
Di-peptide OuterMembrane 0.497
part-Comp. Extracellular 0.450
chemo-typy OuterMembrane 0.473
Neighboring OuterMembrane 0.505

Combined SVM classifier:
Extracellular 1.209
OuterMembrane 2.068 *
Periplasmic 0.462
InnerMembrane 0.185
Cytoplasmic 1.076

SeqID: fig|6666666.171271.peg.484
CELLO prediction:
(predictor   location   reliable-index)
Composition  Extracellular  0.332
Di-peptide   Extracellular  0.722
part-Comp.   Extracellular  0.414
chemo-typy   Extracellular  0.486
Neighboring  Extracellular  0.781

Combined SVM classifier:
Extracellular 2.736 *
OuterMembrane 0.531
Periplasmic 0.669
InnerMembrane 0.252
Cytoplasmic 0.813

SeqID: fig|6666666.171271.peg.485
CELLO prediction:
(predictor   location   reliable-index)
Composition  InnerMembrane  0.841
Di-peptide   InnerMembrane  0.996
part-Comp.   InnerMembrane  0.953
chemo-typy   InnerMembrane  0.996
Neighboring  InnerMembrane  0.972

Combined SVM classifier:
Extracellular 0.051
OuterMembrane 0.069
Periplasmic 0.053
InnerMembrane 4.758 *
Cytoplasmic 0.068

SeqID: fig|6666666.171271.peg.486
CELLO prediction:
(predictor   location   reliable-index)
Composition  OuterMembrane  0.442
Di-peptide   Extracellular  0.684
part-Comp.   Extracellular  0.624
chemo-typy   Extracellular  0.847
Neighboring  OuterMembrane  0.478

Combined SVM classifier:
Extracellular 2.938 *
OuterMembrane 1.031
Periplasmic 0.402
InnerMembrane 0.175
Cytoplasmic 0.455
SeqID: fig|6666666.171271.peg.487

CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.836
Di-peptide OuterMembrane 0.767
part-Comp. OuterMembrane 0.633
chemo-typy OuterMembrane 0.702
Neighboring OuterMembrane 0.671

Combined SVM classifier:
Extracellular 0.540
OuterMembrane 3.609 *
Periplasmic 0.331
InnerMembrane 0.105
Cytoplasmic 0.415

SeqID: fig|6666666.171271.peg.488

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.264
Di-peptide Cytoplasmic 0.477
part-Comp. Cytoplasmic 0.437
chemo-typy Periplasmic 0.434
Neighboring Cytoplasmic 0.450

Combined SVM classifier:
Extracellular 1.196 *
OuterMembrane 0.692
Periplasmic 0.899
InnerMembrane 0.372
Cytoplasmic 1.842 *

SeqID: fig|6666666.171271.peg.489

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Cytoplasmic 0.928
part-Comp. Cytoplasmic 0.358
chemo-typy Cytoplasmic 0.869
Neighboring Cytoplasmic 0.490

Combined SVM classifier:
Extracellular 0.678
OuterMembrane 0.255
Periplasmic 0.830
InnerMembrane 0.346
Cytoplasmic 2.893 *

SeqID: fig|6666666.171271.peg.490

CELLO prediction:
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.981</td>
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Combined SVM classifier:

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<td>Periplasmic</td>
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<td>InnerMembrane</td>
<td>0.079</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.491
CELLO prediction:

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<tr>
<td>Composition</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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SeqID: fig|6666666.171271.peg.492
CELLO prediction:

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</tr>
<tr>
<td>Di-peptide</td>
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</tr>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.493
CELLO prediction:

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<td>0.544</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.704</td>
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</table>
chemo-typy  Periplasmic  0.483
Neighboring   Cytoplasmic  0.748

Combined SVM classifier:
Extracellular  1.996 *
OuterMembrane  0.236
Periplasmic  0.587
InnerMembrane  0.072
Cytoplasmic  2.108 *

SeqID: fig|6666666.171271.peg.494
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.698
Di-peptide    Cytoplasmic  0.867
part-Comp.    Cytoplasmic  0.502
chemo-typy    Periplasmic  0.778
Neighboring   Cytoplasmic  0.804

Combined SVM classifier:
Extracellular  0.216
OuterMembrane  0.217
Periplasmic  1.303
InnerMembrane  0.366
Cytoplasmic  2.899 *

SeqID: fig|6666666.171271.peg.495
CELLO prediction:
(predictor  location   reliable-index)
Composition   OuterMembrane  0.626
Di-peptide    OuterMembrane  0.624
part-Comp.    Extracellular  0.461
chemo-typy    Periplasmic  0.521
Neighboring   Extracellular  0.449

Combined SVM classifier:
Extracellular  1.568
OuterMembrane  2.332 *
Periplasmic  0.677
InnerMembrane  0.066
Cytoplasmic  0.358

SeqID: fig|6666666.171271.peg.496
CELLO prediction:
(predictor  location   reliable-index)
Composition   InnerMembrane  0.993
Di-peptide    InnerMembrane  0.965
part-Comp.    InnerMembrane  0.998
chemo-typy    InnerMembrane  0.749
Neighboring   InnerMembrane  0.879

Combined SVM classifier:
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<th>Combined SVM Classifier</th>
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**SeqID: fig|6666666.171271.peg.498**

CELLO prediction:

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<td>chemo-typy</td>
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<tr>
<td></td>
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**SeqID: fig|6666666.171271.peg.499**

CELLO prediction:

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<tr>
<td></td>
<td>Neighboring</td>
<td>Extracellular</td>
</tr>
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</table>
SeqID: fig|6666666.171271.peg.500

CELLO prediction:

(predictor   location   reliable-index)
Composition  Cytoplasmic  0.336
Di-peptide   Cytoplasmic  0.806
part-Comp.   Cytoplasmic  0.415
chemo-typy   Cytoplasmic  0.797
Neighboring  Cytoplasmic  0.778

Combined SVM classifier:

Extracellular  0.425
OuterMembrane  0.277
Periplasmic    0.784
InnerMembrane  0.382
Cytoplasmic   3.132 *

SeqID: fig|6666666.171271.peg.501

CELLO prediction:

(predictor   location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Periplasmic  0.399
part-Comp.   Cytoplasmic  0.365
chemo-typy   Cytoplasmic  0.595
Neighboring  OuterMembrane  0.274

Combined SVM classifier:

Extracellular  0.900
OuterMembrane  0.623
Periplasmic    1.402 *
InnerMembrane  0.366
Cytoplasmic   1.708 *

SeqID: fig|6666666.171271.peg.502

CELLO prediction:

(predictor   location   reliable-index)
Composition  Cytoplasmic  0.256
Di-peptide   Cytoplasmic  0.777
part-Comp.   Cytoplasmic  0.367
chemo-typy   Periplasmic  0.565
Neighboring  Cytoplasmic  0.562

Combined SVM classifier:

Extracellular  0.750
OuterMembrane  0.249
Periplasmic    1.281
InnerMembrane  0.410
Cytoplasmic   2.310 *
SeqID: fig|6666666.171271.peg.503
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.304
Di-peptide  Cytoplasmic  0.761
part-Comp.  Cytoplasmic  0.453
chemo-typy  Extracellular  0.489
Neighboring  OuterMembrane  0.468

Combined SVM classifier:
Extracellular  0.970
OuterMembrane  0.852
Periplasmic  0.724
InnerMembrane  0.274
Cytoplasmic  2.180 *

SeqID: fig|6666666.171271.peg.504
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.459
Di-peptide  Cytoplasmic  0.863
part-Comp.  InnerMembrane  0.675
chemo-typy  OuterMembrane  0.610
Neighboring  Cytoplasmic  0.854

Combined SVM classifier:
Extracellular  0.181
OuterMembrane  1.132
Periplasmic  0.295
InnerMembrane  0.955
Cytoplasmic  2.437 *

SeqID: fig|6666666.171271.peg.505
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.985
Di-peptide  InnerMembrane  0.999
part-Comp.  InnerMembrane  0.985
chemo-typy  InnerMembrane  0.974
Neighboring  InnerMembrane  0.993

Combined SVM classifier:
Extracellular  0.011
OuterMembrane  0.029
Periplasmic  0.017
InnerMembrane  4.937 *
Cytoplasmic  0.007

SeqID: fig|6666666.171271.peg.506
CELLO prediction:
CELLO prediction:
(predictor  location       reliable-index)
Composition OuterMembrane 0.673
Di-peptide OuterMembrane 0.595
part-Comp. OuterMembrane 0.319
chemo-typy OuterMembrane 0.446
Neighboring Extracellular 0.722

Combined SVM classifier:
Extracellular 1.408
OuterMembrane 2.202 *
Periplasmic 0.614
InnerMembrane 0.344
Cytoplasmic 0.433

*****************
***************

SeqID: fig|6666666.171271.peg.507
CELLO prediction:
(predictor  location       reliable-index)
Composition OuterMembrane 0.957
Di-peptide OuterMembrane 0.849
part-Comp. OuterMembrane 0.523
chemo-typy Cytoplasmic 0.812
Neighboring OuterMembrane 0.510

Combined SVM classifier:
Extracellular 0.209
OuterMembrane 2.895 *
Periplasmic 0.110
InnerMembrane 0.046
Cytoplasmic 1.739

*****************
***************

SeqID: fig|6666666.171271.peg.508
CELLO prediction:
(predictor  location       reliable-index)
Composition Extracellular 0.702
Di-peptide Extracellular 0.425
part-Comp. Extracellular 0.791
chemo-typy OuterMembrane 0.451
Neighboring Extracellular 0.445

Combined SVM classifier:
Extracellular 2.483 *
OuterMembrane 1.358
Periplasmic 0.318
InnerMembrane 0.430
Cytoplasmic 0.411

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***************

SeqID: fig|6666666.171271.peg.509
CELLO prediction:
(predictor  location       reliable-index)
Composition Cytoplasmic 0.666
Di-peptide Cytoplasmic 0.764
part-Comp. Cytoplasmic 0.983
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.666</td>
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**Combined SVM classifier:**

<table>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
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SeqID: fig666666.171271.peg.510

CELLO prediction:

<table>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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**Combined SVM classifier:**

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<tr>
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<th>SVM classifier</th>
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<tbody>
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<td>Extracellular</td>
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SeqID: fig666666.171271.peg.511

CELLO prediction:

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**Combined SVM classifier:**

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SeqID: fig666666.171271.peg.512

CELLO prediction:

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<tr>
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<tr>
<td>Neighboring</td>
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**Combined SVM classifier:**
Extracellular 1.176
OuterMembrane 1.045
Periplasmic 0.234
InnerMembrane 0.176
Cytoplasmic 2.369 *

SeqID: fig|6666666.171271.peg.513
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.919
Di-peptide Cytoplasmic 0.949
part-Comp. Cytoplasmic 0.869
chemo-typy Cytoplasmic 0.985
Neighboring Cytoplasmic 0.947

Combined SVM classifier:
Extracellular 0.047
OuterMembrane 0.102
Periplasmic 0.092
InnerMembrane 0.090
Cytoplasmic 4.668 *

SeqID: fig|6666666.171271.peg.514
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.580
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.855
Neighboring Cytoplasmic 0.386

Combined SVM classifier:
Extracellular 0.771
OuterMembrane 0.249
Periplasmic 1.136
InnerMembrane 0.431
Cytoplasmic 2.413 *

SeqID: fig|6666666.171271.peg.515
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.682
Di-peptide Cytoplasmic 0.861
part-Comp. Cytoplasmic 0.613
chemo-typy Cytoplasmic 0.793
Neighboring Cytoplasmic 0.648

Combined SVM classifier:
Extracellular 0.394
OuterMembrane 1.030
Periplasmic 0.327
InnerMembrane 0.201
### CELLO Prediction Results

| SeqID: fig|6666666.171271.peg.516 |
|------------------|
| **CELLO prediction:** |
| **(predictor** | **location** | **reliable-index** |
| Composition | Cytoplasmic | 0.733 |
| Di-peptide | Cytoplasmic | 0.866 |
| part-Comp. | Cytoplasmic | 0.877 |
| chemo-typy | Cytoplasmic | 0.964 |
| Neighboring | Cytoplasmic | 0.977 |
| **Combined SVM classifier:** |
| Extracellular | 0.116 |
| OuterMembrane | 0.159 |
| Periplasmic | 0.113 |
| InnerMembrane | 0.196 |
| Cytoplasmic | 4.416 * |

| SeqID: fig|6666666.171271.peg.517 |
|------------------|
| **CELLO prediction:** |
| **(predictor** | **location** | **reliable-index** |
| Composition | Periplasmic | 0.259 |
| Di-peptide | Cytoplasmic | 0.979 |
| part-Comp. | Cytoplasmic | 0.498 |
| chemo-typy | Cytoplasmic | 0.746 |
| Neighboring | Cytoplasmic | 0.889 |
| **Combined SVM classifier:** |
| Extracellular | 0.409 |
| OuterMembrane | 0.166 |
| Periplasmic | 0.718 |
| InnerMembrane | 0.338 |
| Cytoplasmic | 3.369 * |

| SeqID: fig|6666666.171271.peg.518 |
|------------------|
| **CELLO prediction:** |
| **(predictor** | **location** | **reliable-index** |
| Composition | Cytoplasmic | 0.301 |
| Di-peptide | OuterMembrane | 0.757 |
| part-Comp. | Cytoplasmic | 0.582 |
| chemo-typy | Cytoplasmic | 0.477 |
| Neighboring | Cytoplasmic | 0.606 |
| **Combined SVM classifier:** |
| Extracellular | 0.677 |
| OuterMembrane | 1.203 |
| Periplasmic | 0.641 |
| InnerMembrane | 0.348 |
| Cytoplasmic | 2.131 * |
Celloscope prediction:

**SeqID: fig|6666666.171271.peg.519**

Celloscope prediction:

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Combined SVM classifier:

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<th>Reliable Index</th>
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Celloscope prediction:

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Combined SVM classifier:

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**SeqID: fig|6666666.171271.peg.521**

Celloscope prediction:

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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
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<td>2.136 *</td>
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**SeqID: fig|6666666.171271.peg.522**

Celloscope prediction:
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<td>Composition</td>
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<tr>
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<tr>
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<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.495</td>
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</table>

Combined SVM classifier:

- Extracellular: 1.531 *
- OuterMembrane: 0.772
- Periplasmic: 0.563
- InnerMembrane: 0.409
- Cytoplasmic: 1.725 *

SeqID: fig|6666666.171271.peg.523

CELLO prediction:

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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.552</td>
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Combined SVM classifier:

- Extracellular: 0.669
- OuterMembrane: 1.417
- Periplasmic: 0.096
- InnerMembrane: 0.123
- Cytoplasmic: 2.695 *

SeqID: fig|6666666.171271.peg.524

CELLO prediction:

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<td>Neighboring</td>
<td>OuterMembrane</td>
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Combined SVM classifier:

- Extracellular: 2.077 *
- OuterMembrane: 2.079 *
- Periplasmic: 0.347
- InnerMembrane: 0.236
- Cytoplasmic: 0.261

SeqID: fig|6666666.171271.peg.525

CELLO prediction:

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
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**Combined SVM classifier:**

- Extracellular: 0.875
- Outer Membrane: 0.191
- Periplasmic: 1.417
- Inner Membrane: 0.074
- Cytoplasmic: 2.444 *

SeqID: fig|6666666.171271.peg.526

**CELLO prediction:**

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<th>reliable-index</th>
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<tbody>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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</tbody>
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**Combined SVM classifier:**

- Extracellular: 0.582
- Outer Membrane: 0.161
- Periplasmic: 0.719
- Inner Membrane: 0.131
- Cytoplasmic: 3.406 *

SeqID: fig|6666666.171271.peg.527

**CELLO prediction:**

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<tr>
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<td>Inner Membrane</td>
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**Combined SVM classifier:**

- Extracellular: 0.030
- Outer Membrane: 0.024
- Periplasmic: 0.031
- Inner Membrane: 4.867 *
- Cytoplasmic: 0.048

SeqID: fig|6666666.171271.peg.528

**CELLO prediction:**

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<td>Composition</td>
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<td>Di-peptide</td>
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**Combined SVM classifier:**
SeqID: fig|6666666.171271.peg.529
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.537
Di-peptide Cytoplasmic 0.784
part-Comp. Cytoplasmic 0.686
chemo-typy Cytoplasmic 0.941
Neighboring Cytoplasmic 0.700

Combined SVM classifier:
Extracellular 0.295
OuterMembrane 0.501
Periplasmic 0.285
InnerMembrane 0.271
Cytoplasmic 3.648 *

SeqID: fig|6666666.171271.peg.530
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.269
Di-peptide InnerMembrane 0.968
part-Comp. Cytoplasmic 0.359
chemo-typy Extracellular 0.606
Neighboring Cytoplasmic 0.398

Combined SVM classifier:
Extracellular 1.234 *
OuterMembrane 0.230
Periplasmic 0.727
InnerMembrane 1.728 *
Cytoplasmic 1.081 *

SeqID: fig|6666666.171271.peg.531
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.705
Di-peptide Cytoplasmic 0.966
part-Comp. Cytoplasmic 0.915
chemo-typy Cytoplasmic 0.954
Neighboring Cytoplasmic 0.977

Combined SVM classifier:
Extracellular 0.124
OuterMembrane 0.070
Periplasmic 0.101
InnerMembrane 0.189
Cytoplasmic  4.517 *

SeqID: fig|6666666.171271.peg.532
CELLO prediction:
(predictor   location   reliable-index)
Composition   Cytoplasmic  0.369
Di-peptide    Cytoplasmic  0.796
part-Comp.    Extracellular  0.451
chemo-typy    Periplasmic  0.753
Neighboring   Cytoplasmic  0.292

Combined SVM classifier:
Extracellular  0.966
OuterMembrane  0.526
Periplasmic  1.422 *
InnerMembrane  0.305
Cytoplasmic  1.782 *

SeqID: fig|6666666.171271.peg.533
CELLO prediction:
(predictor   location   reliable-index)
Composition   Cytoplasmic  0.750
Di-peptide    Cytoplasmic  0.858
part-Comp.    Cytoplasmic  0.817
chemo-typy    Cytoplasmic  0.636
Neighboring   Cytoplasmic  0.506

Combined SVM classifier:
Extracellular  0.356
OuterMembrane  0.452
Periplasmic  0.332
InnerMembrane  0.293
Cytoplasmic  3.567 *

SeqID: fig|6666666.171271.peg.534
CELLO prediction:
(predictor   location   reliable-index)
Composition   OuterMembrane  0.374
Di-peptide    OuterMembrane  0.941
part-Comp.    OuterMembrane  0.441
chemo-typy    Extracellular  0.580
Neighboring   OuterMembrane  0.925

Combined SVM classifier:
Extracellular  1.303
OuterMembrane  2.723 *
Periplasmic  0.268
InnerMembrane  0.082
Cytoplasmic  0.624
***

SeqID: fig|666666.171271.peg.535

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic   0.493
Di-peptide   Cytoplasmic   0.619
part-Comp.   InnerMembrane 0.664
chemo-typy   Periplasmic   0.933
Neighboring  Cytoplasmic   0.717

Combined SVM classifier:

Extracellular  0.094
OuterMembrane  0.112
Periplasmic     1.197
InnerMembrane  1.541 *
Cytoplasmic    2.056 *

***

SeqID: fig|666666.171271.peg.536

CELLO prediction:

(predictor  location   reliable-index)
Composition  OuterMembrane 0.948
Di-peptide   OuterMembrane 0.850
part-Comp.   OuterMembrane 0.957
chemo-typy   OuterMembrane 0.591
Neighboring  OuterMembrane 0.880

Combined SVM classifier:

Extracellular  0.263
OuterMembrane  4.226 *
Periplasmic     0.278
InnerMembrane  0.050
Cytoplasmic    0.183

***

SeqID: fig|666666.171271.peg.537

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic 0.444
Di-peptide   Cytoplasmic 0.432
part-Comp.   Cytoplasmic 0.816
chemo-typy   Cytoplasmic 0.855
Neighboring  Cytoplasmic 0.845

Combined SVM classifier:

Extracellular  0.390
OuterMembrane  0.554
Periplasmic     0.264
InnerMembrane  0.401
Cytoplasmic    3.391 *

***

SeqID: fig|666666.171271.peg.538

CELLO prediction:
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.882
Di-peptide  Cytoplasmic  0.941
part-Comp.  Cytoplasmic  0.644
chemo-typy  Cytoplasmic  0.920
Neighboring  Cytoplasmic  0.985

Combined SVM classifier:
Extracellular  0.009
OuterMembrane  0.026
Periplasmic  0.101
InnerMembrane  0.491
Cytoplasmic  4.372 *

SeqID: fig|6666666.171271.peg.539
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.346
Di-peptide  Periplasmic  0.789
part-Comp.  Periplasmic  0.531
chemo-typy  Cytoplasmic  0.679
Neighboring  Periplasmic  0.402

Combined SVM classifier:
Extracellular  0.633
OuterMembrane  0.220
Periplasmic  2.231 *
InnerMembrane  0.203
Cytoplasmic  1.713 *

SeqID: fig|6666666.171271.peg.540
CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.254
Di-peptide  Cytoplasmic  0.442
part-Comp.  Extracellular  0.316
chemo-typy  Periplasmic  0.769
Neighboring  Cytoplasmic  0.727

Combined SVM classifier:
Extracellular  0.853
OuterMembrane  0.605
Periplasmic  1.534 *
InnerMembrane  0.290
Cytoplasmic  1.718 *

SeqID: fig|6666666.171271.peg.541
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.280
Di-peptide  Cytoplasmic  0.875
part-Comp.  Cytoplasmic  0.512

******
SeqID: fig|6666666.171271.peg.542
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.559
Di-peptide  Cytoplasmic  0.869
part-Comp.  Cytoplasmic  0.641
chemo-typy  Cytoplasmic  0.679
Neighboring  Cytoplasmic  0.900

Combined SVM classifier:
Extracellular  0.009
OuterMembrane  0.015
Periplasmic  0.330
InnerMembrane  0.360
Cytoplasmic  1.712 *

SeqID: fig|6666666.171271.peg.543
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.346
Di-peptide  Periplasmic  0.771
part-Comp.  Periplasmic  0.506
chemo-typy  Cytoplasmic  0.679
Neighboring  Periplasmic  0.402

Combined SVM classifier:
Extracellular  0.632
OuterMembrane  0.220
Periplasmic  2.231 *
InnerMembrane  0.203
Cytoplasmic  1.713 *

******
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<th>Index</th>
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<td></td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.542

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.543

CELLO prediction:

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Combined SVM classifier:

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CELLO prediction:

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<tr>
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Combined SVM classifier:
Extracellular  1.004
OuterMembrane  0.720
Periplasmic  0.452
InnerMembrane  0.280
Cytoplasmic  2.544 *

SeqID: fig|6666666.171271.peg.545
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.360
Di-peptide OuterMembrane  0.583
part-Comp. Cytoplasmic  0.734
chemo-typy Cytoplasmic  0.796
Neighboring Cytoplasmic  0.349

Combined SVM classifier:
Extracellular  0.705
OuterMembrane  0.997
Periplasmic  0.382
InnerMembrane  0.348
Cytoplasmic  2.568 *

SeqID: fig|6666666.171271.peg.546
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane  0.299
Di-peptide OuterMembrane  0.509
part-Comp. Cytoplasmic  0.388
chemo-typy InnerMembrane  0.927
Neighboring InnerMembrane  0.412

Combined SVM classifier:
Extracellular  0.292
OuterMembrane  1.057
Periplasmic  0.303
InnerMembrane  2.318 *
Cytoplasmic  1.030

SeqID: fig|6666666.171271.peg.547
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane  0.338
Di-peptide Extracellular  0.295
part-Comp. Extracellular  0.413
chemo-typy Periplasmic  0.434
Neighboring OuterMembrane  0.471

Combined SVM classifier:
Extracellular  1.607 *
OuterMembrane  1.344 *
Periplasmic  1.387 *
InnerMembrane  0.131
Cytoplasmic 0.532

SeqID: fig|6666666.171271.peg.548
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.278
Di-peptide Cytoplasmic 0.788
part-Comp. Extracellular 0.358
chemo-typy Periplasmic 0.416
Neighboring Extracellular 0.638

Combined SVM classifier:
Extracellular 1.700 *
OuterMembrane 0.616
Periplasmic 0.785
InnerMembrane 0.304
Cytoplasmic 1.595 *

SeqID: fig|6666666.171271.peg.549
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.274
Di-peptide Periplasmic 0.617
part-Comp. Periplasmic 0.331
chemo-typy Periplasmic 0.335
Neighboring Extracellular 0.493

Combined SVM classifier:
Extracellular 1.378 *
OuterMembrane 0.469
Periplasmic 1.724 *
InnerMembrane 0.315
Cytoplasmic 1.114 *

SeqID: fig|6666666.171271.peg.550
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.378
Di-peptide Cytoplasmic 0.903
part-Comp. Cytoplasmic 0.791
chemo-typy Cytoplasmic 0.801
Neighboring Cytoplasmic 0.746

Combined SVM classifier:
Extracellular 0.564
OuterMembrane 0.346
Periplasmic 0.328
InnerMembrane 0.143
Cytoplasmic 3.619 *
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Combined SVM classifier:
- Extracellular: 0.128
- OuterMembrane: 0.695
- Periplasmic: 0.132
- InnerMembrane: 0.034
- Cytoplasmic: 4.012 *

<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.552</th>
<th>CELLO prediction:</th>
</tr>
</thead>
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<tr>
<td>Composition</td>
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<tr>
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<tr>
<td>part-Comp.</td>
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<tr>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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</table>

Combined SVM classifier:
- Extracellular: 0.643
- OuterMembrane: 0.201
- Periplasmic: 0.833
- InnerMembrane: 0.662
- Cytoplasmic: 2.661 *

<table>
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<th>CELLO prediction:</th>
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Combined SVM classifier:
- Extracellular: 0.277
- OuterMembrane: 0.198
- Periplasmic: 0.307
- InnerMembrane: 0.310
- Cytoplasmic: 3.908 *

<p>| SeqID: fig|6666666.171271.peg.554 | CELLO prediction: |</p>
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<td>Periplasmic</td>
<td>CELLO prediction</td>
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</tr>
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<td>Inner Membrane</td>
<td>CELLO prediction</td>
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<td>Cytoplasmic</td>
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<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>Inner Membrane</td>
<td>CELLO prediction</td>
<td>0.249</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>CELLO prediction</td>
<td>2.309 *</td>
</tr>
<tr>
<td>Extracellular</td>
<td>CELLO prediction</td>
<td>0.923</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>CELLO prediction</td>
<td>0.420</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>CELLO prediction</td>
<td>0.456</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>CELLO prediction</td>
<td>0.264</td>
</tr>
<tr>
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<td>CELLO prediction</td>
<td>2.936 *</td>
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<td>CELLO prediction</td>
<td>0.897</td>
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<tr>
<td>Outer Membrane</td>
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<td>0.843</td>
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</tr>
<tr>
<td>Cytoplasmic</td>
<td>CELLO prediction</td>
<td>2.309 *</td>
</tr>
<tr>
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<td>CELLO prediction</td>
<td>0.923</td>
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<td>CELLO prediction</td>
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<td>Periplasmic</td>
<td>CELLO prediction</td>
<td>0.456</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>CELLO prediction</td>
<td>0.264</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>CELLO prediction</td>
<td>2.936 *</td>
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</tbody>
</table>
chemo-typy  Extracellular  0.633  
      Neighboring  Cytoplasmic  0.413  

Combined SVM classifier:
      Extracellular  1.428  *
      OuterMembrane  0.520  
      Periplasmic  0.632  
      InnerMembrane  0.379  
      Cytoplasmic  2.041  *

*****************************************************************
SeqID: fig|6666666.171271.peg.558
CELLO prediction:
(predictor   location   reliable-index)
Composition  OuterMembrane  0.235  
Di-peptide   OuterMembrane  0.814  
part-Comp.   Extracellular  0.473  
chemo-typy   Extracellular  0.591  
Neighboring  OuterMembrane  0.836  

Combined SVM classifier:
      Extracellular  1.447  
      OuterMembrane  2.640  *
      Periplasmic  0.291  
      InnerMembrane  0.250  
      Cytoplasmic  0.372  

*****************************************************************
SeqID: fig|6666666.171271.peg.559
CELLO prediction:
(predictor   location   reliable-index)
Composition  OuterMembrane  0.389  
Di-peptide   OuterMembrane  0.857  
part-Comp.   OuterMembrane  0.484  
chemo-typy   Extracellular  0.603  
Neighboring  OuterMembrane  0.845  

Combined SVM classifier:
      Extracellular  1.272  
      OuterMembrane  2.954  *
      Periplasmic  0.263  
      InnerMembrane  0.237  
      Cytoplasmic  0.274  

*****************************************************************
SeqID: fig|6666666.171271.peg.560
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.857  
Di-peptide   Cytoplasmic  0.908  
part-Comp.   Cytoplasmic  0.970  
chemo-typy   OuterMembrane  0.530  
Neighboring  Cytoplasmic  0.977  

Combined SVM classifier:
Extracellular 0.092
OuterMembrane 0.686
Periplasmic 0.217
InnerMembrane 0.066
Cytoplasmic 3.939 *

SeqID: fig|6666666.171271.peg.561

CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.977
Di-peptide InnerMembrane 0.809
part-Comp. InnerMembrane 0.798
chemo-typy InnerMembrane 0.809
Neighboring InnerMembrane 0.935

Combined SVM classifier:
Extracellular 0.084
OuterMembrane 0.175
Periplasmic 0.087
InnerMembrane 4.328 *
Cytoplasmic 0.326

SeqID: fig|6666666.171271.peg.562

CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.263
Di-peptide Cytoplasmic 0.815
part-Comp. Cytoplasmic 0.499
chemo-typy Periplasmic 0.712
Neighboring Cytoplasmic 0.464

Combined SVM classifier:
Extracellular 0.709
OuterMembrane 0.275
Periplasmic 1.351
InnerMembrane 0.398
Cytoplasmic 2.267 *

SeqID: fig|6666666.171271.peg.563

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.932
Di-peptide Cytoplasmic 0.725
part-Comp. Cytoplasmic 0.976
chemo-typy Cytoplasmic 0.690
Neighboring Cytoplasmic 0.844

Combined SVM classifier:
Extracellular 0.287
OuterMembrane 0.113
Periplasmic 0.340
InnerMembrane 0.093
## CELLO Prediction

### SeqID: fig|6666666.171271.peg.564

#### CELLO Prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.351</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.305</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.977</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.478</td>
</tr>
</tbody>
</table>

#### Combined SVM Classifier:

- Extracellular: 0.807
- OuterMembrane: 0.407
- Periplasmic: 1.955 *
- InnerMembrane: 0.202
- Cytoplasmic: 1.629 *

---

### SeqID: fig|6666666.171271.peg.565

#### CELLO Prediction:

<table>
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<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.874</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.942</td>
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<td>part-Comp.</td>
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<td>chemo-typy</td>
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<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.969</td>
</tr>
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</table>

#### Combined SVM Classifier:

- Extracellular: 0.118
- OuterMembrane: 0.146
- Periplasmic: 0.531
- InnerMembrane: 0.164
- Cytoplasmic: 4.041 *

---

### SeqID: fig|6666666.171271.peg.566

#### CELLO Prediction:

<table>
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<td>Composition</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.535</td>
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<tr>
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<td>0.765</td>
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#### Combined SVM Classifier:

- Extracellular: 0.609
- OuterMembrane: 2.831 *
- Periplasmic: 0.225
- InnerMembrane: 0.065
- Cytoplasmic: 1.270
SeqID: fig|6666666.171271.peg.567
CELLO prediction:

<table>
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<td>part-Comp.</td>
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<td>0.577</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.568
CELLO prediction:

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<tr>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.569
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.570
CELLO prediction:
(predictor    location    reliable-index)
Composition    Cytoplasmic 0.297
Di-peptide     OuterMembrane 0.545
part-Comp.     Cytoplasmic 0.473
chemo-typy    Extracellular 0.520
Neighboring    OuterMembrane 0.701

Combined SVM classifier:
Extracellular 1.113 *
OuterMembrane 1.709 *
Periplasmic 0.482
InnerMembrane 0.218
Cytoplasmic 1.477 *

SeqID: fig|6666666.171271.peg.571
CELLO prediction:
(predictor    location    reliable-index)
Composition    Periplasmic 0.271
Di-peptide     Cytoplasmic 0.775
part-Comp.     Cytoplasmic 0.345
chemo-typy    Cytoplasmic 0.539
Neighboring    Extracellular 0.541

Combined SVM classifier:
Extracellular 1.091
OuterMembrane 0.349
Periplasmic 1.189
InnerMembrane 0.317
Cytoplasmic 2.053 *

SeqID: fig|6666666.171271.peg.572
CELLO prediction:
(predictor    location    reliable-index)
Composition    Cytoplasmic 0.515
Di-peptide     OuterMembrane 0.676
part-Comp.     Extracellular 0.584
chemo-typy    Cytoplasmic 0.835
Neighboring    OuterMembrane 0.530

Combined SVM classifier:
Extracellular 0.936
OuterMembrane 1.592 *
Periplasmic 0.188
InnerMembrane 0.084
Cytoplasmic 2.201 *

SeqID: fig|6666666.171271.peg.573
CELLO prediction:
(predictor    location    reliable-index)
Composition    Cytoplasmic 0.318
Di-peptide     Cytoplasmic 0.712
part-Comp.     Cytoplasmic 0.505
chemo-typy  Cytoplasmic  0.639
Neighboring  Cytoplasmic  0.380

Combined SVM classifier:
Extracellular  0.708
OuterMembrane  0.786
Periplasmic  0.710
InnerMembrane  0.243
Cytoplasmic  2.553 *

SeqID: fig|6666666.171271.peg.574
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.878
Di-peptide  Cytoplasmic  0.924
part-Comp.  Cytoplasmic  0.818
chemo-typy  Cytoplasmic  0.523
Neighboring  Cytoplasmic  0.827

Combined SVM classifier:
Extracellular  0.196
OuterMembrane  0.282
Periplasmic  0.522
InnerMembrane  0.032
Cytoplasmic  3.969 *

SeqID: fig|6666666.171271.peg.575
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.264
Di-peptide  OuterMembrane  0.809
part-Comp.  Extracellular  0.436
chemo-typy  Cytoplasmic  0.518
Neighboring  OuterMembrane  0.379

Combined SVM classifier:
Extracellular  0.822
OuterMembrane  0.293
Periplasmic  0.922
InnerMembrane  0.550
Cytoplasmic  2.413 *
<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.452</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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</table>

SeqID: fig|6666666.171271.peg.577
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.397
Di-peptide OuterMembrane 0.425
part-Comp. Cytoplasmic 0.808
chemo-typy Periplasmic 0.249
Neighboring Cytoplasmic 0.752

Combined SVM classifier:
Extracellular 0.854
OuterMembrane 0.870
Periplasmic 0.495
InnerMembrane 0.364
Cytoplasmic 2.417 *

SeqID: fig|6666666.171271.peg.578
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.895
Di-peptide Cytoplasmic 0.750
part-Comp. Cytoplasmic 0.855
chemo-typy Cytoplasmic 0.651
Neighboring Cytoplasmic 0.942

Combined SVM classifier:
Extracellular 0.077
OuterMembrane 0.085
Periplasmic 0.456
InnerMembrane 0.290
Cytoplasmic 4.092 *

SeqID: fig|6666666.171271.peg.579
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.351
Di-peptide OuterMembrane 0.771
part-Comp. Cytoplasmic 0.577
chemo-typy OuterMembrane 0.441
Neighboring Cytoplasmic 0.558

Combined SVM classifier:
Extracellular 0.742
OuterMembrane 1.865 *
Periplasmic 0.424
InnerMembrane 0.302
Cytoplasmic 1.667 *

SeqID: fig|6666666.171271.peg.580
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.477
Di-peptide OuterMembrane 0.439
part-Comp. Cytoplasmic 0.799
chemo-typy OuterMembrane 0.445
Neighboring Cytoplasmic 0.707

Combined SVM classifier:
Extracellular 0.467
OuterMembrane 1.200
Periplasmic 0.479
InnerMembrane 0.342
Cytoplasmic 2.512 *

SeqID: fig|6666666.171271.peg.581
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.361
Di-peptide OuterMembrane 0.759
part-Comp. InnerMembrane 0.677
chemo-typy Periplasmic 0.308
Neighboring OuterMembrane 0.678

Combined SVM classifier:
Extracellular 0.844
OuterMembrane 2.138 *
Periplasmic 0.394
InnerMembrane 1.389
Cytoplasmic 0.236

SeqID: fig|6666666.171271.peg.582
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.422
Di-peptide Cytoplasmic 0.467
part-Comp. Cytoplasmic 0.726
chemo-typy Cytoplasmic 0.936
Neighboring Cytoplasmic 0.875

Combined SVM classifier:
Extracellular 0.455
OuterMembrane 0.592
Periplasmic 0.259
InnerMembrane 0.269
Cytoplasmic 3.425 *
SeqID: fig|6666666.171271.peg.583
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.658
Di-peptide Cytoplasmic 0.920
part-Comp. Cytoplasmic 0.488
chemo-typy Cytoplasmic 0.939
Neighboring Extracellular 0.380

Combined SVM classifier:
Extracellular 0.597
OuterMembrane 0.223
Periplasmic 0.636
InnerMembrane 0.226
Cytoplasmic 3.319 *

SeqID: fig|6666666.171271.peg.584
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.816
Di-peptide Extracellular 0.405
part-Comp. Cytoplasmic 0.973
chemo-typy Cytoplasmic 0.609
Neighboring Cytoplasmic 0.735

Combined SVM classifier:
Extracellular 0.701
OuterMembrane 0.576
Periplasmic 0.433
InnerMembrane 0.054
Cytoplasmic 3.236 *

SeqID: fig|6666666.171271.peg.585
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.752
Di-peptide Cytoplasmic 0.726
part-Comp. Cytoplasmic 0.857
chemo-typy Cytoplasmic 0.738
Neighboring Cytoplasmic 0.731

Combined SVM classifier:
Extracellular 0.288
OuterMembrane 0.467
Periplasmic 0.273
InnerMembrane 0.168
Cytoplasmic 3.803 *

SeqID: fig|6666666.171271.peg.586
CELLO prediction:
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<th>(predictor</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.777</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.969</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.850</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.961</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.994</td>
</tr>
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</table>

Combined SVM classifier:
- Extracellular: 0.107
- OuterMembrane: 0.155
- Periplasmic: 0.061
- InnerMembrane: 0.127
- Cytoplasmic: 4.551 *

SeqID: fig|6666666.171271.peg.587

CELLO prediction:
<table>
<thead>
<tr>
<th>(predictor</th>
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<th>reliable-index)</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.326</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.897</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.372</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.722</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.804</td>
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Combined SVM classifier:
- Extracellular: 0.801
- OuterMembrane: 2.207 *
- Periplasmic: 1.007
- InnerMembrane: 0.369
- Cytoplasmic: 0.616

SeqID: fig|6666666.171271.peg.588

CELLO prediction:
<table>
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<tr>
<th>(predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.502</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.594</td>
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</table>

Combined SVM classifier:
- Extracellular: 0.434
- OuterMembrane: 0.476
- Periplasmic: 1.432
- InnerMembrane: 0.272
- Cytoplasmic: 2.386 *

SeqID: fig|6666666.171271.peg.589

CELLO prediction:
<table>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.636</td>
</tr>
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</table>
chemo-typy  Cytoplasmic  0.728
Neighboring  Cytoplasmic  0.843

Combined SVM classifier:
Extracellular  0.368
OuterMembrane  0.190
Periplasmic  0.598
InnerMembrane  0.241
Cytoplasmic  3.604 *

SeqID: fig|6666666.171271.peg.590
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.277
Di-peptide  Cytoplasmic  0.607
part-Comp.  Cytoplasmic  0.373
chemo-typy  Cytoplasmic  0.812
Neighboring  Periplasmic  0.455

Combined SVM classifier:
Extracellular  0.798
OuterMembrane  0.199
Periplasmic  1.404
InnerMembrane  0.402
Cytoplasmic  2.197 *

SeqID: fig|6666666.171271.peg.591
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.695
Di-peptide  Cytoplasmic  0.845
part-Comp.  Cytoplasmic  0.861
chemo-typy  Cytoplasmic  0.660
Neighboring  Cytoplasmic  0.936

Combined SVM classifier:
Extracellular  0.350
OuterMembrane  0.154
Periplasmic  0.380
InnerMembrane  0.118
Cytoplasmic  3.998 *

SeqID: fig|6666666.171271.peg.592
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.741
Di-peptide  Cytoplasmic  0.718
part-Comp.  Cytoplasmic  0.864
chemo-typy  Cytoplasmic  0.927
Neighboring  Cytoplasmic  0.780

Combined SVM classifier:
Extracellular 0.094
OuterMembrane 0.561
Periplasmic 0.059
InnerMembrane 0.256
Cytoplasmic 4.030 *

SeqID: fig|6666666.171271.peg.593
CELLO prediction:
(predictor  location   reliable-index)
Composition    InnerMembrane  0.936
Di-peptide     InnerMembrane  0.996
part-Comp.     InnerMembrane  0.975
chemo-typy     InnerMembrane  0.999
Neighboring    InnerMembrane  0.867

Combined SVM classifier:
Extracellular 0.082
OuterMembrane 0.017
Periplasmic 0.048
InnerMembrane 4.773 *
Cytoplasmic 0.079

SeqID: fig|6666666.171271.peg.594
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.355
Di-peptide     Cytoplasmic  0.867
part-Comp.     Cytoplasmic  0.412
chemo-typy     Cytoplasmic  0.951
Neighboring    Cytoplasmic  0.664

Combined SVM classifier:
Extracellular 0.545
OuterMembrane 0.169
Periplasmic 0.758
InnerMembrane 0.279
Cytoplasmic 3.249 *

SeqID: fig|6666666.171271.peg.595
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.682
Di-peptide     Cytoplasmic  0.910
part-Comp.     Cytoplasmic  0.456
chemo-typy     Cytoplasmic  0.954
Neighboring    Cytoplasmic  0.773

Combined SVM classifier:
Extracellular 0.532
OuterMembrane 0.147
Periplasmic 0.402
InnerMembrane 0.142
Cytoplasmic 3.776 *

SeqID: fig|6666666.171271.peg.596
CELLO prediction:
(predictor    location      reliable-index)
Composition   Cytoplasmic  0.461
Di-peptide    Cytoplasmic  0.781
part-Comp.    Cytoplasmic  0.413
chemo-typy    Cytoplasmic  0.833
Neighboring   Cytoplasmic  0.602

Combined SVM classifier:
Extracellular 0.499
OuterMembrane 0.310
Periplasmic    0.805
InnerMembrane 0.296
Cytoplasmic  3.090 *

SeqID: fig|6666666.171271.peg.597
CELLO prediction:
(predictor    location      reliable-index)
Composition   Cytoplasmic  0.304
Di-peptide    OuterMembrane 0.660
part-Comp.    OuterMembrane 0.758
chemo-typy    OuterMembrane 0.588
Neighboring   OuterMembrane 0.818

Combined SVM classifier:
Extracellular 0.579
OuterMembrane 3.061 *
Periplasmic    0.601
InnerMembrane 0.144
Cytoplasmic  0.614

SeqID: fig|6666666.171271.peg.598
CELLO prediction:
(predictor    location      reliable-index)
Composition   Cytoplasmic  0.316
Di-peptide    OuterMembrane 0.759
part-Comp.    Cytoplasmic  0.331
chemo-typy    Periplasmic  0.868
Neighboring   OuterMembrane 0.504

Combined SVM classifier:
Extracellular 0.753
OuterMembrane 1.834 *
Periplasmic    1.200 *
InnerMembrane 0.188
Cytoplasmic  1.026
SeqID: fig|6666666.171271.peg.599

<table>
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<th>Reliable-Index</th>
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<tr>
<td>Composition</td>
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<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>Cytoplasmic</td>
<td>0.427</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.418</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.618</td>
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</table>

Combined SVM classifier:
- Extracellular: 0.962
- OuterMembrane: 1.076
- Periplasmic: 0.512
- InnerMembrane: 0.310
- Cytoplasmic: 2.140 *

SeqID: fig|6666666.171271.peg.600

<table>
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<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.943</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.987</td>
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Combined SVM classifier:
- Extracellular: 0.198
- OuterMembrane: 0.093
- Periplasmic: 0.158
- InnerMembrane: 0.142
- Cytoplasmic: 4.409 *

SeqID: fig|6666666.171271.peg.601

<table>
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<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<tr>
<td>chemo-typy</td>
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<td>0.622</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.395</td>
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Combined SVM classifier:
- Extracellular: 0.924
- OuterMembrane: 0.363
- Periplasmic: 1.247
- InnerMembrane: 0.489
- Cytoplasmic: 1.976 *

SeqID: fig|6666666.171271.peg.602

CELLO prediction:
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<tr>
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<td>Di-peptide</td>
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<td>chemo-typical</td>
<td>Cytoplasmic</td>
<td>0.605</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.578</td>
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</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.892
- OuterMembrane: 0.303
- Periplasmic: 0.903
- InnerMembrane: 0.432
- Cytoplasmic: 2.471 *

SeqID: fig|6666666.171271.peg.603

CELLLO prediction:
<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<td>Di-peptide</td>
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<td>Extracellular</td>
<td>0.545</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.722</td>
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</table>

Combined SVM classifier:
- Extracellular: 2.032 *
- OuterMembrane: 2.066 *
- Periplasmic: 0.353
- InnerMembrane: 0.123
- Cytoplasmic: 0.425

SeqID: fig|6666666.171271.peg.604

CELLLO prediction:
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<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.801</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.975</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.992</td>
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Combined SVM classifier:
- Extracellular: 1.569 *
- OuterMembrane: 1.727 *
- Periplasmic: 0.286
- InnerMembrane: 0.172
- Cytoplasmic: 1.247 *

SeqID: fig|6666666.171271.peg.605
<table>
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<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.810</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.955</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular 0.082
- OuterMembrane 0.184
- Periplasmic 0.149
- InnerMembrane 0.053
- Cytoplasmic 4.532 *

SeqID: fig|6666666.171271.peg.606
CELLO prediction:

(predictor    location         reliable-index)
Composition    Cytoplasmic      0.754
Di-peptide     OuterMembrane    0.439
part-Comp.     Cytoplasmic      0.868
chemo-typy     Cytoplasmic      0.912
Neighboring    Cytoplasmic      0.945

Combined SVM classifier:

- Extracellular 0.195
- OuterMembrane 0.639
- Periplasmic 0.112
- InnerMembrane 0.175
- Cytoplasmic 3.879 *

SeqID: fig|6666666.171271.peg.607
CELLO prediction:

(predictor    location         reliable-index)
Composition    Cytoplasmic      0.246
Di-peptide     Cytoplasmic      0.835
part-Comp.     Cytoplasmic      0.596
chemo-typy     Cytoplasmic      0.891
Neighboring    OuterMembrane    0.488

Combined SVM classifier:

- Extracellular 0.641
- OuterMembrane 0.874
- Periplasmic 0.416
- InnerMembrane 0.299
- Cytoplasmic 2.770 *

SeqID: fig|6666666.171271.peg.608
CELLO prediction:

(predictor    location         reliable-index)
Composition    Periplasmic      0.248
Di-peptide     Cytoplasmic      0.545
part-Comp.     Cytoplasmic      0.390
chemo-typy     Cytoplasmic      0.735
Neighboring    Cytoplasmic      0.252

Combined SVM classifier:
Extracellular 0.764
OuterMembrane 0.369
Periplasmic 1.039
InnerMembrane 0.661
Cytoplasmic 2.167 *

SeqID: fig|6666666.171271.peg.609

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.824
Di-peptide Cytoplasmic 0.568
part-Comp. Cytoplasmic 0.961
chemo-typy Cytoplasmic 0.458
Neighboring Cytoplasmic 0.997

Combined SVM classifier:
Extracellular 0.244
OuterMembrane 0.426
Periplasmic 0.206
InnerMembrane 0.317
Cytoplasmic 3.808 *

SeqID: fig|6666666.171271.peg.610

CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.922
Di-peptide InnerMembrane 0.990
part-Comp. InnerMembrane 0.931
chemo-typy InnerMembrane 0.980
Neighboring InnerMembrane 0.948

Combined SVM classifier:
Extracellular 0.027
OuterMembrane 0.117
Periplasmic 0.041
InnerMembrane 4.771 *
Cytoplasmic 0.044

SeqID: fig|6666666.171271.peg.611

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.917
Di-peptide Cytoplasmic 0.826
part-Comp. Cytoplasmic 0.939
chemo-typy Periplasmic 0.517
Neighboring Cytoplasmic 0.950

Combined SVM classifier:
Extracellular 0.136
OuterMembrane 0.046
Periplasmic 0.692
InnerMembrane 0.070
SeqID: fig|6666666.171271.peg.612
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.978
Di-peptide Cytoplasmic 0.906
part-Comp. Cytoplasmic 0.968
chemo-typy Cytoplasmic 0.627
Neighboring Cytoplasmic 0.900

Combined SVM classifier:
Extracellular 0.099
OuterMembrane 0.096
Periplasmic 0.346
InnerMembrane 0.078
Cytoplasmic 4.380 *

SeqID: fig|6666666.171271.peg.613
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.444
Di-peptide OuterMembrane 0.577
part-Comp. Extracellular 0.535
chemo-typy Periplasmic 0.394
Neighboring Extracellular 0.355

Combined SVM classifier:
Extracellular 1.808 *
OuterMembrane 1.413 *
Periplasmic 1.030
InnerMembrane 0.139
Cytoplasmic 0.609
SeqID: fig|6666666.171271.peg.615
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.704
Di-peptide Extracellular 0.389
part-Comp. Periplasmic 0.443
chemo-typy Cytoplasmic 0.355
Neighboring OuterMembrane 0.561

Combined SVM classifier:
Extracellular 1.130
OuterMembrane 1.269 *
Periplasmic 1.865 *
InnerMembrane 0.226
Cytoplasmic 0.511

SeqID: fig|6666666.171271.peg.616
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.957
Di-peptide Cytoplasmic 0.931
part-Comp. Cytoplasmic 0.988
chemo-typy Cytoplasmic 0.512
Neighboring Cytoplasmic 0.990

Combined SVM classifier:
Extracellular 0.079
OuterMembrane 0.126
Periplasmic 0.313
InnerMembrane 0.104
Cytoplasmic 4.378 *

SeqID: fig|6666666.171271.peg.617
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.958
Di-peptide InnerMembrane 0.976
part-Comp. InnerMembrane 0.928
chemo-typy InnerMembrane 0.961
Neighboring InnerMembrane 0.943

Combined SVM classifier:
Extracellular 0.079
OuterMembrane 0.044
Periplasmic 0.059
InnerMembrane 4.766 *
Cytoplasmic 0.052

SeqID: fig|6666666.171271.peg.618
CELLO prediction:
CELLO prediction:
(predictor  location   reliable-index)
Composition     InnerMembrane  0.966
Di-peptide     InnerMembrane  0.992
part-Comp.     InnerMembrane  0.996
chemo-typy     InnerMembrane  0.998
Neighboring    InnerMembrane  0.969

Combined SVM classifier:
Extracellular  0.020
OuterMembrane  0.027
Periplasmic  0.015
InnerMembrane  4.921 *
Cytoplasmic  0.016

SeqID: fig|6666666.171271.peg.620

CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.848
Di-peptide     Cytoplasmic  0.318
part-Comp.     Cytoplasmic  0.859
chemo-typy     Cytoplasmic  0.625
Neighboring    Cytoplasmic  0.625

Combined SVM classifier:
Extracellular  0.990
OuterMembrane  0.641
Periplasmic  0.275
InnerMembrane  0.161
Cytoplasmic  2.932 *

SeqID: fig|6666666.171271.peg.621

CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.370
Di-peptide     Cytoplasmic  0.826
part-Comp.     Cytoplasmic  0.639
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<th>reliable-index</th>
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<tbody>
<tr>
<td>chemo-typy</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.764</td>
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Combined SVM classifier:

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<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.417</td>
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<tr>
<td>InnerMembrane</td>
<td>0.163</td>
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<td>Cytoplasmic</td>
<td>3.503 *</td>
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SeqID: fig|6666666.171271.peg.622

CELLO prediction:

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Combined SVM classifier:

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<tr>
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<tr>
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<tr>
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SeqID: fig|6666666.171271.peg.623

CELLO prediction:

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<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>part-Comp.</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.624

CELLO prediction:

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</tr>
<tr>
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<td>OuterMembrane</td>
<td>0.978</td>
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<tr>
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<td>OuterMembrane</td>
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Combined SVM classifier:
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<th>CELLO prediction:</th>
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<tbody>
<tr>
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<tr>
<td>Extracellular</td>
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<tr>
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SeqID: fig|6666666.171271.peg.625

CELLO prediction:

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<td>InnerMembrane</td>
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</tr>
<tr>
<td>Neighboring</td>
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Combined SVM classifier:

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<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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SeqID: fig|6666666.171271.peg.626

CELLO prediction:

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<td>0.791</td>
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Combined SVM classifier:

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<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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<tbody>
<tr>
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SeqID: fig|6666666.171271.peg.627

CELLO prediction:

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<tr>
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Combined SVM classifier:

<table>
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<tr>
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<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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<tr>
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**SeqID: fig|6666666.171271.peg.628**

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<td>Di-peptide</td>
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**Combined SVM classifier:**

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<tr>
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**SeqID: fig|6666666.171271.peg.629**

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**Combined SVM classifier:**

<table>
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<tbody>
<tr>
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**SeqID: fig|6666666.171271.peg.630**

<table>
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<tbody>
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<td>Composition</td>
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<td>Di-peptide</td>
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<td>part-Comp.</td>
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**Combined SVM classifier:**

<table>
<thead>
<tr>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.393</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.384</td>
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<tr>
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<td>0.330</td>
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<tr>
<td>InnerMembrane</td>
<td>1.160</td>
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<tr>
<td>Cytoplasmic</td>
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</table>
SeqID: fig|666666.171271.peg.631

CELLO prediction:

(predictor | location | reliable-index)
Composition | Extracellular | 0.244
Di-peptide | OuterMembrane | 0.454
part-Comp. | Extracellular | 0.443
chemo-typy | OuterMembrane | 0.374
Neighboring | Extracellular | 0.475

Combined SVM classifier:

Extracellular 1.434 *
OuterMembrane 1.328 *
Periplasmic 0.985
InnerMembrane 0.253
Cytoplasmic 1.001 *

SeqID: fig|666666.171271.peg.632

CELLO prediction:

(predictor | location | reliable-index)
Composition | Cytoplasmic | 0.495
Di-peptide | Cytoplasmic | 0.958
part-Comp. | Cytoplasmic | 0.524
chemo-typy | Cytoplasmic | 0.817
Neighboring | Cytoplasmic | 0.962

Combined SVM classifier:

Extracellular 0.357
OuterMembrane 0.164
Periplasmic 0.454
InnerMembrane 0.270
Cytoplasmic 3.756 *

SeqID: fig|666666.171271.peg.633

CELLO prediction:

(predictor | location | reliable-index)
Composition | Cytoplasmic | 0.622
Di-peptide | OuterMembrane | 0.572
part-Comp. | Cytoplasmic | 0.974
chemo-typy | Periplasmic | 0.331
Neighboring | Cytoplasmic | 0.974

Combined SVM classifier:

Extracellular 0.132
OuterMembrane 1.128
Periplasmic 0.362
InnerMembrane 0.242
Cytoplasmic 3.136 *

SeqID: fig|666666.171271.peg.634

CELLO prediction:
<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
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<tr>
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Combined SVM classifier:

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<tr>
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<tr>
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SeqID: fig|6666666.171271.peg.635
CELLO prediction:

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<tr>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.636
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.637
CELLO prediction:

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<tbody>
<tr>
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<tr>
<td>Di-peptide</td>
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chemo-typy     Cytoplasmic   0.977
Neighboring    Cytoplasmic   0.950

Combined SVM classifier:
Extracellular   0.096
OuterMembrane   0.076
Periplasmic     0.144
InnerMembrane   0.245
Cytoplasmic     4.439 *

***************************************************************************
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SeqID: fig|6666666.171271.peg.638
CELLO prediction:
(predictor location   reliable-index)
Composition     Cytoplasmic   0.451
Di-peptide      Cytoplasmic   0.970
part-Comp.      Cytoplasmic   0.772
chemo-typy      Cytoplasmic   0.848
Neighboring     Cytoplasmic   0.948

Combined SVM classifier:
Extracellular   0.471
OuterMembrane   0.219
Periplasmic     0.201
InnerMembrane   0.120
Cytoplasmic     3.989 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.639
CELLO prediction:
(predictor location   reliable-index)
Composition     Cytoplasmic   0.372
Di-peptide      OuterMembrane 0.438
part-Comp.      Cytoplasmic   0.621
chemo-typy      Cytoplasmic   0.602
Neighboring     Cytoplasmic   0.922

Combined SVM classifier:
Extracellular   0.809
OuterMembrane   0.728
Periplasmic     0.386
InnerMembrane   0.334
Cytoplasmic     2.743 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.640
CELLO prediction:
(predictor location   reliable-index)
Composition     Cytoplasmic   0.434
Di-peptide      Cytoplasmic   0.648
part-Comp.      Cytoplasmic   0.356
chemo-typy      Periplasmic   0.791
Neighboring     Cytoplasmic   0.445

Combined SVM classifier:
Extracellular 0.612
OuterMembrane 0.487
Periplasmic 1.710 *
InnerMembrane 0.218
Cytoplasmic 1.973 *

SeqID: fig|6666666.171271.peg.641
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.298
Di-peptide Cytoplasmic 0.871
part-Comp. Cytoplasmic 0.451
chemo-ttypy Cytoplasmic 0.648
Neighboring Cytoplasmic 0.559

Combined SVM classifier:
Extracellular 0.590
OuterMembrane 0.572
Periplasmic 0.741
InnerMembrane 0.272
Cytoplasmic 2.825 *

SeqID: fig|6666666.171271.peg.642
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.328
Di-peptide Extracellular 0.293
part-Comp. Extracellular 0.440
chemo-ttypy Periplasmic 0.412
Neighboring Extracellular 0.304

Combined SVM classifier:
Extracellular 1.470 *
OuterMembrane 0.914
Periplasmic 0.917
InnerMembrane 0.558
Cytoplasmic 1.141 *

SeqID: fig|6666666.171271.peg.643
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.259
Di-peptide OuterMembrane 0.621
part-Comp. Extracellular 0.320
chemo-ttypy OuterMembrane 0.271
Neighboring OuterMembrane 0.431

Combined SVM classifier:
Extracellular 1.396 *
OuterMembrane 1.889 *
Periplasmic 0.535
InnerMembrane 0.270
Cytoplasmic 0.910

SeqID: fig|6666666.171271.peg.644
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.248
Di-peptide OuterMembrane 0.807
part-Comp. Extracellular 0.289
chemo-typy OuterMembrane 0.415
Neighboring Extracellular 0.404

Combined SVM classifier:
Extracellular 1.409 *
OuterMembrane 1.693 *
Periplasmic 0.760
InnerMembrane 0.292
Cytoplasmic 0.846

SeqID: fig|6666666.171271.peg.645
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.459
Di-peptide OuterMembrane 0.861
part-Comp. Cytoplasmic 0.895
chemo-typy Cytoplasmic 0.802
Neighboring Cytoplasmic 0.836

Combined SVM classifier:
Extracellular 0.404
OuterMembrane 1.096
Periplasmic 0.241
InnerMembrane 0.186
Cytoplasmic 3.072 *

SeqID: fig|6666666.171271.peg.646
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.791
Di-peptide InnerMembrane 0.995
part-Comp. InnerMembrane 0.974
chemo-typy InnerMembrane 0.991
Neighboring InnerMembrane 0.963

Combined SVM classifier:
Extracellular 0.067
OuterMembrane 0.054
Periplasmic 0.069
InnerMembrane 4.714 *
Cytoplasmic 0.096
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<th>CELLO prediction:</th>
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<tbody>
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<td>(predictor</td>
<td>location</td>
<td>reliable-index)</td>
</tr>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.273</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.954</td>
</tr>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.393</td>
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Combined SVM classifier:

| Extracellular | 0.862 |
| OuterMembrane | 0.285 |
| Periplasmic | 0.718 |
| InnerMembrane | 0.340 |
| Cytoplasmic | 2.796 * |

<table>
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<th>CELLO prediction:</th>
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<td>Cytoplasmic</td>
<td>0.804</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.600</td>
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Combined SVM classifier:

| Extracellular | 0.671 |
| OuterMembrane | 0.235 |
| Periplasmic | 0.775 |
| InnerMembrane | 0.453 |
| Cytoplasmic | 2.866 * |

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<td>Cytoplasmic</td>
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Combined SVM classifier:

| Extracellular | 0.359 |
| OuterMembrane | 0.560 |
| Periplasmic | 0.210 |
| InnerMembrane | 0.186 |
| Cytoplasmic | 3.685 * |
(predictor location reliable-index)
Composition Cytoplasmic 0.974
Di-peptide Cytoplasmic 0.772
part-Comp. Cytoplasmic 0.998
chemo-typy Cytoplasmic 0.358
Neighboring Cytoplasmic 0.986

Combined SVM classifier:
Extracellular 0.156
OuterMembrane 0.180
Periplasmic 0.260
InnerMembrane 0.317
Cytoplasmic 4.087 *

SeqID: fig|6666666.171271.peg.651
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.639
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.600
Neighboring Cytoplasmic 0.503

Combined SVM classifier:
Extracellular 0.741
OuterMembrane 0.230
Periplasmic 1.096
InnerMembrane 0.599
Cytoplasmic 2.334 *

SeqID: fig|6666666.171271.peg.652
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.413
Di-peptide OuterMembrane 0.430
part-Comp. InnerMembrane 0.398

Combined SVM classifier:
Extracellular 1.018
OuterMembrane 2.526 *
Periplasmic 0.305
InnerMembrane 0.356
Cytoplasmic 0.794

SeqID: fig|6666666.171271.peg.653
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.413
Di-peptide OuterMembrane 0.430
part-Comp. InnerMembrane 0.398
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<tr>
<th>chemo-typy</th>
<th>InnerMembrane 0.529</th>
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<tr>
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<td>Cytoplasmic 0.651</td>
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**Combined SVM classifier:**

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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.231</td>
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<tr>
<td>InnerMembrane</td>
<td>1.837 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.456 *</td>
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SeqID: fig|6666666.171271.peg.654

**CELLO prediction:**

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<td>Cytoplasmic 0.389</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane 0.966</td>
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**Combined SVM classifier:**

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<tr>
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<tbody>
<tr>
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<tr>
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<td>0.593</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
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<td>0.955</td>
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SeqID: fig|6666666.171271.peg.655

**CELLO prediction:**

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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane 0.999</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane 0.999</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane 0.968</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane 0.998</td>
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**Combined SVM classifier:**

<table>
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<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.010</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.013</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.959 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.014</td>
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</table>

SeqID: fig|6666666.171271.peg.656

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>Periplasmic 0.299</th>
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<tr>
<td>Composition</td>
<td>Periplasmic 0.299</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic 0.302</td>
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<td>part-Comp.</td>
<td>Cytoplasmic 0.633</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic 0.565</td>
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<tr>
<td>Neighboring</td>
<td>Periplasmic 0.335</td>
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**Combined SVM classifier:**
Extracellular 0.613
OuterMembrane 1.030 *
Periplasmic 1.598 *
InnerMembrane 0.203
Cytoplasmic 1.557 *

SeqID: fig|6666666.171271.peg.657
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.558
Di-peptide Cytoplasmic 0.860
part-Comp. Cytoplasmic 0.840
chemo-typy Cytoplasmic 0.452
Neighboring Cytoplasmic 0.929

Combined SVM classifier:
Extracellular 0.496
OuterMembrane 0.181
Periplasmic 0.408
InnerMembrane 0.276
Cytoplasmic 3.639 *

SeqID: fig|6666666.171271.peg.658
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.692
Di-peptide Cytoplasmic 0.535
part-Comp. Cytoplasmic 0.765
chemo-typy Periplasmic 0.788
Neighboring Cytoplasmic 0.925

Combined SVM classifier:
Extracellular 0.325
OuterMembrane 0.385
Periplasmic 0.944
InnerMembrane 0.331
Cytoplasmic 3.016 *

SeqID: fig|6666666.171271.peg.659
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.992
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.999
chemo-typy InnerMembrane 0.999
Neighboring InnerMembrane 0.993

Combined SVM classifier:
Extracellular 0.003
OuterMembrane 0.003
Periplasmic 0.008
InnerMembrane 4.982 *
**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.561</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.930</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.980</td>
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<td>Cytoplasmic</td>
<td>0.917</td>
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**Combined SVM classifier:**

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<tr>
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<th>Probability</th>
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<tbody>
<tr>
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<td>0.295</td>
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<tr>
<td>OuterMembrane</td>
<td>0.160</td>
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<tr>
<td>Periplasmic</td>
<td>0.251</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.289</td>
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<tr>
<td>Cytoplasmic</td>
<td>4.005 *</td>
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</tbody>
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**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.911</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<tr>
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<tr>
<td>OuterMembrane</td>
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<td>InnerMembrane</td>
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<tr>
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**CELLO prediction:**

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<tr>
<td>Composition</td>
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<td>0.826</td>
</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>chemo-typy</td>
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<td>0.499</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.517</td>
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**Combined SVM classifier:**

<table>
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<tr>
<th>Location</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
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<tr>
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<td>1.765</td>
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<tr>
<td>InnerMembrane</td>
<td>0.096</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.873 *</td>
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</tbody>
</table>
SeqID: fig|6666666.171271.peg.664
CELO prediction:

(predictor     location       reliable-index)
Composition    Cytoplasmic   0.656
Di-peptide     Cytoplasmic   0.964
part-Comp.     Cytoplasmic   0.720
chemo-typical  Cytoplasmic   0.958
Neighboring    Cytoplasmic   0.947

Combined SVM classifier:

Extracellular   0.132
OuterMembrane   0.042
Periplasmic      0.334
InnerMembrane   0.246
Cytoplasmic      4.246 *

SeqID: fig|6666666.171271.peg.667
CELO prediction:

(predictor     location       reliable-index)
Composition    Periplasmic   0.827
Di-peptide     Periplasmic   0.649
part-Comp.     Periplasmic   0.703
chemo-typical  Cytoplasmic   0.898
Neighboring    Periplasmic   0.876

Combined SVM classifier:

Extracellular   0.111
OuterMembrane   0.055
Periplasmic      3.121 *
InnerMembrane   0.050
Cytoplasmic      1.663

SeqID: fig|6666666.171271.peg.669
CELO prediction:

(predictor     location       reliable-index)
Composition    Cytoplasmic   0.965
Di-peptide     Cytoplasmic   0.742
part-Comp.     Cytoplasmic   0.972
chemo-typical  Cytoplasmic   0.922
Neighboring    Cytoplasmic   0.870

Combined SVM classifier:

Extracellular   0.055
OuterMembrane   0.027
Periplasmic      0.390
InnerMembrane   0.058
Cytoplasmic      4.471 *

SeqID: fig|6666666.171271.peg.670
CELO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.930
Di-peptide  Cytoplasmic  0.763
part-Comp.  Cytoplasmic  0.910
chemo-typy  Extracellular  0.609
Neighboring  Cytoplasmic  0.927

Combined SVM classifier:
Extracellular  0.740
OuterMembrane  0.290
Periplasmic  0.219
InnerMembrane  0.108
Cytoplasmic  3.643 *

SeqID: fig|6666666.171271.peg.671
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.994
Di-peptide  InnerMembrane  1.000
part-Comp.  InnerMembrane  0.999
chemo-typy  InnerMembrane  0.988
Neighboring  InnerMembrane  1.000

Combined SVM classifier:
Extracellular  0.003
OuterMembrane  0.003
Periplasmic  0.007
InnerMembrane  4.981 *
Cytoplasmic  0.006

SeqID: fig|6666666.171271.peg.672
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.440
Di-peptide  OuterMembrane  0.414
part-Comp.  Cytoplasmic  0.616

SeqID: fig|6666666.171271.peg.673
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.440
Di-peptide  OuterMembrane  0.414
part-Comp.  Cytoplasmic  0.616
### chemo-typy

<table>
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<td>Neighboring</td>
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**Combined SVM classifier:**

<table>
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<th>SVM Score</th>
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<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
<td>0.213</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.745 *</td>
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### CELLO prediction:

| SeqID: fig|6666666.171271.peg.674 |

**CELLO prediction:**

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<tr>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<th>SVM Score</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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### CELLO prediction:

| SeqID: fig|6666666.171271.peg.675 |

**CELLO prediction:**

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<tr>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.950</td>
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**Combined SVM classifier:**

<table>
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<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>Cytoplasmic</td>
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### CELLO prediction:

| SeqID: fig|6666666.171271.peg.676 |

**CELLO prediction:**

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<td>Di-peptide</td>
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<tr>
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<td>InnerMembrane</td>
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**Combined SVM classifier:**
Extracellular 0.489
OuterMembrane 0.210
Periplasmic 0.423
InnerMembrane 2.931 *
Cytoplasmic 0.947

SeqID: fig|6666666.171271.peg.677
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.992
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.983
Neighboring InnerMembrane 0.994

Combined SVM classifier:
Extracellular 0.004
OuterMembrane 0.011
Periplasmic 0.012
InnerMembrane 4.967 *
Cytoplasmic 0.006

SeqID: fig|6666666.171271.peg.678
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.314
Di-peptide Cytoplasmic 0.786
part-Comp. Cytoplasmic 0.473
chemo-typy Cytoplasmic 0.463
Neighboring OuterMembrane 0.444

Combined SVM classifier:
Extracellular 0.883
OuterMembrane 0.805
Periplasmic 0.711
InnerMembrane 0.255
Cytoplasmic 2.346 *

SeqID: fig|6666666.171271.peg.679
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.788
Di-peptide Cytoplasmic 0.720
part-Comp. Cytoplasmic 0.858
chemo-typy OuterMembrane 0.518
Neighboring Cytoplasmic 0.788

Combined SVM classifier:
Extracellular 0.368
OuterMembrane 0.699
Periplasmic 0.467
InnerMembrane 0.191
Cytoplasmic 3.274 *

SeqID: fig|6666666.171271.peg.680
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.491
Di-peptide OuterMembrane  0.632
part-Comp.   OuterMembrane  0.582
chemo-typy  Cytoplasmic  0.733
Neighboring Cytoplasmic  0.787

Combined SVM classifier:
Extracellular  0.327
OuterMembrane  1.622
Periplasmic  0.411
InnerMembrane  0.100
Cytoplasmic  2.540 *

SeqID: fig|6666666.171271.peg.681
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular  0.264
Di-peptide OuterMembrane  0.619
part-Comp. Extracellular  0.367
chemo-typy Extracellular  0.933
Neighboring OuterMembrane  0.787

Combined SVM classifier:
Extracellular  1.889 *
OuterMembrane  1.680 *
Periplasmic  0.533
InnerMembrane  0.315
Cytoplasmic  0.582

SeqID: fig|6666666.171271.peg.682
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic  0.270
Di-peptide Cytoplasmic  0.827
part-Comp. Cytoplasmic  0.406
chemo-typy Cytoplasmic  0.951
Neighboring Cytoplasmic  0.496

Combined SVM classifier:
Extracellular  0.671
OuterMembrane  0.350
Periplasmic  0.668
InnerMembrane  0.377
Cytoplasmic  2.934 *
| SeqID: fig|666666.171271.peg.683 | CELLO prediction: |
|------------------|------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.513 |
| Di-peptide | OuterMembrane | 0.508 |
| part-Comp. | Cytoplasmic | 0.710 |
| chemo-typy | Cytoplasmic | 0.454 |
| Neighboring | Cytoplasmic | 0.679 |
| Combined SVM classifier: | |
| Extracellular | 0.404 |
| OuterMembrane | 1.381 |
| Periplasmic | 0.296 |
| InnerMembrane | 0.180 |
| Cytoplasmic | 2.739 * |

| SeqID: fig|666666.171271.peg.684 | CELLO prediction: |
|------------------|------------------|
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.260 |
| Di-peptide | Cytoplasmic | 0.927 |
| part-Comp. | Cytoplasmic | 0.489 |
| chemo-typy | Cytoplasmic | 0.430 |
| Neighboring | Cytoplasmic | 0.477 |
| Combined SVM classifier: | |
| Extracellular | 0.810 |
| OuterMembrane | 0.499 |
| Periplasmic | 0.793 |
| InnerMembrane | 0.317 |
| Cytoplasmic | 2.581 * |

| SeqID: fig|666666.171271.peg.685 | CELLO prediction: |
|------------------|------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.461 |
| Di-peptide | Cytoplasmic | 0.886 |
| part-Comp. | Cytoplasmic | 0.918 |
| chemo-typy | Cytoplasmic | 0.993 |
| Neighboring | Cytoplasmic | 0.944 |
| Combined SVM classifier: | |
| Extracellular | 0.197 |
| OuterMembrane | 0.167 |
| Periplasmic | 0.251 |
| InnerMembrane | 0.183 |
| Cytoplasmic | 4.202 * |

| SeqID: fig|666666.171271.peg.686 | CELLO prediction: |
(predictor  location   reliable-index)
Composition InnerMembrane 0.859
Di-peptide InnerMembrane 0.981
part-Comp. InnerMembrane 0.974
chemo-typy InnerMembrane 0.845
Neighboring InnerMembrane 0.980

Combined SVM classifier:
Extracellular 0.042
OuterMembrane 0.104
Periplasmic 0.059
InnerMembrane 4.640 *
Cytoplasmic 0.156

***************************************************************************
chemo-typy InnerMembrane 0.846
Neighboring InnerMembrane 0.873

Combined SVM classifier:
Extracellular 0.102
OuterMembrane 0.203
Periplasmic 0.098
InnerMembrane 4.355 *
Cytoplasmic 0.242

****************************
******
SeqID: fig|6666666.171271.peg.690
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.305
Di-peptide Cytoplasmic 0.599
part-Comp. Cytoplasmic 0.557
chemo-typy Cytoplasmic 0.794
Neighboring Extracellular 0.305

Combined SVM classifier:
Extracellular 0.812
OuterMembrane 0.503
Periplasmic 0.897
InnerMembrane 0.229
Cytoplasmic 2.559 *

****************************
******
SeqID: fig|6666666.171271.peg.691
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.282
Di-peptide Cytoplasmic 0.506
part-Comp. Extracellular 0.441
chemo-typy Cytoplasmic 0.508
Neighboring Extracellular 0.424

Combined SVM classifier:
Extracellular 1.409 *
OuterMembrane 0.655
Periplasmic 0.654
InnerMembrane 0.217
Cytoplasmic 2.065 *

****************************
******
SeqID: fig|6666666.171271.peg.692
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.505
Di-peptide Cytoplasmic 0.723
part-Comp. Cytoplasmic 0.683
chemo-typy Cytoplasmic 0.930
Neighboring Cytoplasmic 0.807

Combined SVM classifier:
Extracellular 0.607  
OuterMembrane 0.342  
Periplasmic 0.227  
InnerMembrane 0.177  
Cytoplasmic 3.647 *

SeqID: fig|6666666.171271.peg.693  
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.250  
Di-peptide  Extracellular  0.407  
part-Comp.  Cytoplasmic  0.476  
chemo-typy  InnerMembrane  0.373  
Neighboring  OuterMembrane  0.798  

Combined SVM classifier:  
Extracellular  1.233 *  
OuterMembrane  1.585 *  
Periplasmic  0.451  
InnerMembrane  0.819  
Cytoplasmic  0.913

SeqID: fig|6666666.171271.peg.694  
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.300  
Di-peptide  Cytoplasmic  0.960  
part-Comp.  Cytoplasmic  0.593  
chemo-typy  Cytoplasmic  0.910  
Neighboring  Cytoplasmic  0.894  

Combined SVM classifier:  
Extracellular  0.425  
OuterMembrane  0.198  
Periplasmic  0.461  
InnerMembrane  0.258  
Cytoplasmic  3.657 *

SeqID: fig|6666666.171271.peg.695  
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.306  
Di-peptide  InnerMembrane  0.554  
part-Comp.  Cytoplasmic  0.431  
chemo-typy  Periplasmic  0.359  
Neighboring  InnerMembrane  0.340  

Combined SVM classifier:  
Extracellular  0.750  
OuterMembrane  0.265  
Periplasmic  0.963  
InnerMembrane  1.378 *
Cytoplasmic 1.643 *

SeqID: fig|6666666.171271.peg.696
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.431
Di-peptide Cytoplasmic 0.948
part-Comp. Cytoplasmic 0.585
chemo-typy Cytoplasmic 0.598
Neighboring Cytoplasmic 0.584

Combined SVM classifier:
Extracellular 0.491
OuterMembrane 0.230
Periplasmic 0.847
InnerMembrane 0.288
Cytoplasmic 3.145 *

SeqID: fig|6666666.171271.peg.697
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.443
Di-peptide Cytoplasmic 0.722
part-Comp. Cytoplasmic 0.637
chemo-typy Cytoplasmic 0.831
Neighboring OuterMembrane 0.475

Combined SVM classifier:
Extracellular 0.682
OuterMembrane 0.908
Periplasmic 0.462
InnerMembrane 0.260
Cytoplasmic 2.689 *

SeqID: fig|6666666.171271.peg.698
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.514
Di-peptide Cytoplasmic 0.696
part-Comp. Cytoplasmic 0.790
chemo-typy Cytoplasmic 0.824
Neighboring Cytoplasmic 0.932

Combined SVM classifier:
Extracellular 0.289
OuterMembrane 0.193
Periplasmic 0.351
InnerMembrane 0.411
Cytoplasmic 3.756 *
SeqID: fig|6666666.171271.peg.699

CELLO prediction:

(predictor    location       reliable-index)
Composition    Cytoplasmic  0.333
Di-peptide     Cytoplasmic  0.981
part-Comp.     Cytoplasmic  0.687
chemo-typy     Cytoplasmic  0.922
Neighboring    Cytoplasmic  0.864

Combined SVM classifier:
Extracellular  0.326
OuterMembrane  0.136
Periplasmic    0.445
InnerMembrane  0.307
Cytoplasmic    3.787 *

SeqID: fig|6666666.171271.peg.700

CELLO prediction:

(predictor    location       reliable-index)
Composition    Cytoplasmic  0.304
Di-peptide     Cytoplasmic  0.761
part-Comp.     Cytoplasmic  0.453
chemo-typy     Extracellular 0.489
Neighboring    OuterMembrane 0.468

Combined SVM classifier:
Extracellular  0.970
OuterMembrane  0.852
Periplasmic    0.724
InnerMembrane  0.274
Cytoplasmic    2.180 *

SeqID: fig|6666666.171271.peg.701

CELLO prediction:

(predictor    location       reliable-index)
Composition    Cytoplasmic  0.552
Di-peptide     Cytoplasmic  0.744
part-Comp.     Cytoplasmic  0.744
chemo-typy     Cytoplasmic  0.666
Neighboring    Cytoplasmic  0.740

Combined SVM classifier:
Extracellular  0.400
OuterMembrane  0.694
Periplasmic    0.254
InnerMembrane  0.206
Cytoplasmic    3.447 *

SeqID: fig|6666666.171271.peg.702

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.540
Di-peptide  Cytoplasmic  0.960
part-Comp.  Cytoplasmic  0.760
chemo-typy  Cytoplasmic  0.970
Neighboring  Cytoplasmic  0.678

Combined SVM classifier:
Extracellular  0.253
OuterMembrane  0.144
Periplasmic  0.513
InnerMembrane  0.182
Cytoplasmic  3.907 *

SeqID: fig|6666666.171271.peg.703
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.376
Di-peptide  Cytoplasmic  0.511
part-Comp.  Cytoplasmic  0.553
chemo-typy  Periplasmic  0.543
Neighboring  Cytoplasmic  0.563

Combined SVM classifier:
Extracellular  0.806
OuterMembrane  0.825
Periplasmic  0.994
InnerMembrane  0.237
Cytoplasmic  2.139 *

SeqID: fig|6666666.171271.peg.704
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.859
Di-peptide  Cytoplasmic  0.955
part-Comp.  Cytoplasmic  0.958
chemo-typy  Cytoplasmic  0.905
Neighboring  Cytoplasmic  0.986

Combined SVM classifier:
Extracellular  0.107
OuterMembrane  0.112
Periplasmic  0.075
InnerMembrane  0.042
Cytoplasmic  4.663 *

SeqID: fig|6666666.171271.peg.705
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.897
Di-peptide  Cytoplasmic  0.960
part-Comp.  Cytoplasmic  0.850
SeqID: fig|6666666.171271.peg.706
CELLO prediction:

(predictor location reliable-index)
Composition Extracellular 0.277
Di-peptide Cytoplasmic 0.368
part-Comp. Cytoplasmic 0.419
chemo-typy Extracellular 0.804
Neighboring Extracellular 0.385

Combined SVM classifier:
Extracellular 1.922 *
OuterMembrane 0.660
Periplasmic 0.804
InnerMembrane 0.226
Cytoplasmic 1.387 *

SeqID: fig|6666666.171271.peg.707
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.455
Di-peptide Cytoplasmic 0.789
part-Comp. Cytoplasmic 0.711
chemo-typy Cytoplasmic 0.978
Neighboring Cytoplasmic 0.852

Combined SVM classifier:
Extracellular 0.453
OuterMembrane 0.127
Periplasmic 0.438
InnerMembrane 0.197
Cytoplasmic 3.784 *

SeqID: fig|6666666.171271.peg.708
CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.362
Di-peptide Cytoplasmic 0.686
part-Comp. Extracellular 0.420
chemo-typy Periplasmic 0.445
Neighboring OuterMembrane 0.669

Combined SVM classifier:
Extracellular  1.233 *
OuterMembrane 1.489 *
Periplasmic  0.804
InnerMembrane 0.258
Cytoplasmic  1.215 *

******
SeqID: fig|6666666.171271.peg.709
CELLO prediction:
(predictor location    reliable-index)
Composition    InnerMembrane  0.959
Di-peptide     InnerMembrane  0.990
part-Comp.     InnerMembrane  0.930
chemo-typy     InnerMembrane  0.999
Neighboring    InnerMembrane  0.934

Combined SVM classifier:
Extracellular  0.046
OuterMembrane 0.060
Periplasmic   0.039
InnerMembrane 4.811 *
Cytoplasmic  0.044

******
SeqID: fig|6666666.171271.peg.710
CELLO prediction:
(predictor location    reliable-index)
Composition    Cytoplasmic  0.877
Di-peptide     Cytoplasmic  0.942
part-Comp.     Cytoplasmic  0.922
chemo-typy     Cytoplasmic  0.742
Neighboring    Cytoplasmic  0.804

Combined SVM classifier:
Extracellular  0.217
OuterMembrane 0.079
Periplasmic   0.299
InnerMembrane 0.119

******
SeqID: fig|6666666.171271.peg.711
CELLO prediction:
(predictor location    reliable-index)
Composition    Cytoplasmic  0.877
Di-peptide     Cytoplasmic  0.942
part-Comp.     Cytoplasmic  0.922
chemo-typy     Cytoplasmic  0.742
Neighboring    Cytoplasmic  0.804

Combined SVM classifier:
Extracellular  0.217
OuterMembrane 0.079
Periplasmic   0.299
InnerMembrane 0.119
Cytoplasmic 4.285 *

SeqID: fig|6666666.171271.peg.712
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.971
Di-peptide   Cytoplasmic  0.833
part-Comp.   Cytoplasmic  0.955
chemo-typy   Cytoplasmic  0.855
Neighboring  Cytoplasmic  0.816

Combined SVM classifier:
Extracellular  0.191
OuterMembrane  0.144
Periplasmic     0.204
InnerMembrane  0.031
Cytoplasmic    4.430 *

SeqID: fig|6666666.171271.peg.713
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   InnerMembrane  0.531
part-Comp.   Cytoplasmic  0.360
chemo-typy   Cytoplasmic  0.563
Neighboring  Cytoplasmic  0.345

Combined SVM classifier:
Extracellular  0.905
OuterMembrane  0.228
Periplasmic     0.906
InnerMembrane  1.113
Cytoplasmic    1.848 *

SeqID: fig|6666666.171271.peg.714
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Cytoplasmic  0.497
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.840
Neighboring  Cytoplasmic  0.329

Combined SVM classifier:
Extracellular  0.760
OuterMembrane  0.267
Periplasmic     0.887
InnerMembrane  0.827
Cytoplasmic    2.259 *
| SeqID: fig|6666666.171271.peg.715 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.377 |
| Di-peptide | Cytoplasmic | 0.805 |
| part-Comp. | Cytoplasmic | 0.616 |
| chemo-typy | Extracellular | 0.348 |
| Neighboring | Cytoplasmic | 0.877 |
| Combined SVM classifier: |
| Extracellular | 0.841 |
| OuterMembrane | 0.444 |
| Periplasmic | 0.546 |
| InnerMembrane | 0.271 |
| Cytoplasmic | 2.897 * |

| SeqID: fig|6666666.171271.peg.716 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.773 |
| Di-peptide | Cytoplasmic | 0.874 |
| part-Comp. | Cytoplasmic | 0.840 |
| chemo-typy | Periplasmic | 0.804 |
| Neighboring | Cytoplasmic | 0.855 |
| Combined SVM classifier: |
| Extracellular | 0.251 |
| OuterMembrane | 0.181 |
| Periplasmic | 0.934 |
| InnerMembrane | 0.202 |
| Cytoplasmic | 3.432 * |

| SeqID: fig|6666666.171271.peg.717 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.401 |
| Di-peptide | Cytoplasmic | 0.987 |
| part-Comp. | Cytoplasmic | 0.852 |
| chemo-typy | Cytoplasmic | 0.988 |
| Neighboring | Cytoplasmic | 0.946 |
| Combined SVM classifier: |
| Extracellular | 0.222 |
| OuterMembrane | 0.115 |
| Periplasmic | 0.264 |
| InnerMembrane | 0.225 |
| Cytoplasmic | 4.174 * |

<p>| SeqID: fig|6666666.171271.peg.718 |
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| CELLO prediction: |</p>
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<tr>
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<tbody>
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<td>Composition</td>
<td>InnerMembrane</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.999</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.425</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
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**Combined SVM classifier:**

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<tr>
<td>Extracellular</td>
<td>0.384</td>
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<tr>
<td>OuterMembrane</td>
<td>0.214</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.494</td>
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<td>InnerMembrane</td>
<td>3.138 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.770</td>
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SeqID: fig|6666666.171271.peg.719

**CELLO prediction:**

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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.447</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.483</td>
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<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.674</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.392</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.360</td>
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**Combined SVM classifier:**

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<tr>
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<tr>
<td>Extracellular</td>
<td>1.131 *</td>
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<tr>
<td>OuterMembrane</td>
<td>0.730</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.752 *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.168</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.219 *</td>
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SeqID: fig|6666666.171271.peg.720

**CELLO prediction:**

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</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.409</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.377</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.846</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.356</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.871</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
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<th>reliable-index</th>
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<tr>
<td>Extracellular</td>
<td>0.829</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.023</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.267</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.559</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.322 *</td>
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SeqID: fig|6666666.171271.peg.721

**CELLO prediction:**

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</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.516</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.369</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.700</td>
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</table>
chemo-typy  Cytoplasmic  0.543  
Neighboring  Extracellular  0.557  

Combined SVM classifier:  
Extracellular  1.191  
OuterMembrane  0.969  
Periplasmic  0.409  
InnerMembrane  0.162  
Cytoplasmic  2.268 *  

SeqID: fig|6666666.171271.peg.722  
CELLO prediction:  
(predictor  location  reliable-index)  
Composition  Periplasmic  0.308  
Di-peptide  Cytoplasmic  0.418  
part-Comp.  Cytoplasmic  0.401  
chemo-typy  OuterMembrane  0.380  
Neighboring  OuterMembrane  0.303  

Combined SVM classifier:  
Extracellular  1.109 *  
OuterMembrane  0.996  
Periplasmic  1.039 *  
InnerMembrane  0.541  
Cytoplasmic  1.315 *  

SeqID: fig|6666666.171271.peg.723  
CELLO prediction:  
(predictor  location  reliable-index)  
Composition  Cytoplasmic  0.307  
Di-peptide  Cytoplasmic  0.842  
part-Comp.  Cytoplasmic  0.493  
chemo-typy  Cytoplasmic  0.974  
Neighboring  Cytoplasmic  0.641  

Combined SVM classifier:  
Extracellular  0.505  
OuterMembrane  0.334  
Periplasmic  0.559  
InnerMembrane  0.345  
Cytoplasmic  3.257 *  

SeqID: fig|6666666.171271.peg.724  
CELLO prediction:  
(predictor  location  reliable-index)  
Composition  OuterMembrane  0.771  
Di-peptide  Extracellular  0.408  
part-Comp.  OuterMembrane  0.983  
chemo-typy  InnerMembrane  0.374  
Neighboring  OuterMembrane  0.988  

Combined SVM classifier:
Extracellular 0.704
OuterMembrane 3.366 *
Periplasmic 0.144
InnerMembrane 0.629
Cytoplasmic 0.156

SeqID: fig|6666666.171271.peg.725
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.268
Di-peptide   Cytoplasmic  0.649
part-Comp.   Cytoplasmic  0.356
chemo-typy  Cytoplasmic  0.544
Neighboring Cytoplasmic  0.327

Combined SVM classifier:
Extracellular 1.034
OuterMembrane 0.330
Periplasmic 1.057
InnerMembrane 0.463
Cytoplasmic 2.116 *

SeqID: fig|6666666.171271.peg.726
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.334
Di-peptide   Periplasmic  0.461
part-Comp.   Cytoplasmic  0.340
chemo-typy  Cytoplasmic  0.808
Neighboring Cytoplasmic  0.365

Combined SVM classifier:
Extracellular 0.784
OuterMembrane 0.539
Periplasmic 1.234
InnerMembrane 0.344
Cytoplasmic 2.099 *

SeqID: fig|6666666.171271.peg.727
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.268
Di-peptide   Cytoplasmic  0.817
part-Comp.   Cytoplasmic  0.360
chemo-typy  Cytoplasmic  0.893
Neighboring Extracellular  0.399

Combined SVM classifier:
Extracellular 0.893
OuterMembrane 0.308
Periplasmic 0.761
InnerMembrane 0.419
Cytoplasmic  2.618 *

SeqID: fig|6666666.171271.peg.728
CELLO prediction:
(predictor   location   reliable-index)
Composition  Periplasmic  0.258
Di-peptide   Cytoplasmic  0.720
part-Comp.   Cytoplasmic  0.425
chemo-typy   Cytoplasmic  0.814
Neighboring  OuterMembrane  0.494

Combined SVM classifier:
Extracellular  0.700
OuterMembrane  0.950
Periplasmic  0.628
InnerMembrane  0.313
Cytoplasmic  2.410 *

SeqID: fig|6666666.171271.peg.729
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.261
Di-peptide   Cytoplasmic  0.785
part-Comp.   Cytoplasmic  0.581
chemo-typy   Cytoplasmic  0.884
Neighboring  Cytoplasmic  0.616

Combined SVM classifier:
Extracellular  0.741
OuterMembrane  0.331
Periplasmic  0.443
InnerMembrane  0.357
Cytoplasmic  3.127 *

SeqID: fig|6666666.171271.peg.730
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.565
Di-peptide   Cytoplasmic  0.986
part-Comp.   Cytoplasmic  0.769
chemo-typy   Cytoplasmic  0.898
Neighboring  Cytoplasmic  0.772

Combined SVM classifier:
Extracellular  0.570
OuterMembrane  0.171
Periplasmic  0.161
InnerMembrane  0.109
Cytoplasmic  3.988 *
### CELLO prediction:

**(predictor | location | reliable-index)**

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**Combined SVM classifier:**

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<tr>
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### CELLO prediction:

**(predictor | location | reliable-index)**

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<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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**Combined SVM classifier:**

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### CELLO prediction:

**(predictor | location | reliable-index)**

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**Combined SVM classifier:**

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<td>SeqID</td>
<td>CELLO prediction:</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td></td>
<td>(predictor  location   reliable-index)</td>
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<td>Composition      Cytoplasmic  0.790  Di-peptide     Cytoplasmic  0.984  part-Comp. Cytoplasmic  0.986  chemo-typy Cytoplasmic  0.950  Neighboring Cytoplasmic  0.971</td>
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<tr>
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<td>Combined SVM classifier: Extracellular  0.040  OuterMembrane  0.033  Periplasmic  0.106  InnerMembrane  0.139  Cytoplasmic  4.681 *</td>
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<tr>
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<td>(predictor  location   reliable-index)</td>
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<tr>
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<td>Composition      Cytoplasmic  0.743  Di-peptide     Cytoplasmic  0.873  part-Comp. Cytoplasmic  0.556  chemo-typy Periplasmic  0.627  Neighboring Cytoplasmic  0.640</td>
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<tr>
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<td>Combined SVM classifier: Extracellular  0.409  OuterMembrane  0.393  Periplasmic  0.867  InnerMembrane  0.251  Cytoplasmic  3.080 *</td>
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<tr>
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<tr>
<td></td>
<td>(predictor  location   reliable-index)</td>
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<tr>
<td></td>
<td>Composition      Cytoplasmic  0.488  Di-peptide     Cytoplasmic  0.736  part-Comp. Cytoplasmic  0.593  chemo-typy Periplasmic  0.687  Neighboring Cytoplasmic  0.827</td>
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<tr>
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<td>Combined SVM classifier: Extracellular  0.629  OuterMembrane  0.230  Periplasmic  1.048  InnerMembrane  0.217  Cytoplasmic  2.876 *</td>
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<tr>
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<td>SeqID: fig</td>
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</table>
chemo-typy  Cytoplasmic  0.958
Neighboring  Cytoplasmic  0.967

Combined SVM classifier:
Extracellular  0.171
OuterMembrane  0.109
Periplasmic  0.124
InnerMembrane  0.055
Cytoplasmic  4.541 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.738
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.624
Di-peptide  Cytoplasmic  0.854
part-Comp.  Cytoplasmic  0.485
chemo-typy  Cytoplasmic  0.772
Neighboring  Cytoplasmic  0.489

Combined SVM classifier:
Extracellular  0.646
OuterMembrane  0.237
Periplasmic  0.635
InnerMembrane  0.258
Cytoplasmic  3.224 *

*********************************************************************************
******
SeqID: fig|6666666.171271.peg.739
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.296
Di-peptide  Periplasmic  0.586
part-Comp.  Cytoplasmic  0.363
chemo-typy  Cytoplasmic  0.606
Neighboring  Periplasmic  0.311

Combined SVM classifier:
Extracellular  0.870
OuterMembrane  0.266
Periplasmic  1.700 *
InnerMembrane  0.383
Cytoplasmic  1.782 *

*********************************************************************************
******
SeqID: fig|6666666.171271.peg.740
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.266
Di-peptide  OuterMembrane  0.487
part-Comp.  Cytoplasmic  0.537
chemo-typy  OuterMembrane  0.736
Neighboring  Cytoplasmic  0.705

Combined SVM classifier:
### CELLO prediction:

| SeqID: fig|6666666.171271.peg.741 | CELLO prediction: |
|-----------|-------------------------|
| **(predictor** | **location** | **reliable-index)** | |
| Composition | Periplasmic | 0.298 |
| Di-peptide | Cytoplasmic | 0.632 |
| part-Comp. | Periplasmic | 0.729 |
| chemo-ttypy | Periplasmic | 0.728 |
| Neighboring | Periplasmic | 0.797 |
| **Combined SVM classifier:** | | |
| Extracellular | 0.543 |
| OuterMembrane | 0.198 |
| Periplasmic | 2.671 * |
| InnerMembrane | 0.562 |
| Cytoplasmic | 1.027 |

### CELLO prediction:

| SeqID: fig|6666666.171271.peg.742 | CELLO prediction: |
|-----------|-------------------------|
| **(predictor** | **location** | **reliable-index)** | |
| Composition | Cytoplasmic | 0.663 |
| Di-peptide | Cytoplasmic | 0.524 |
| part-Comp. | Cytoplasmic | 0.906 |
| chemo-ttypy | Cytoplasmic | 0.787 |
| Neighboring | Cytoplasmic | 0.837 |
| **Combined SVM classifier:** | | |
| Extracellular | 0.548 |
| OuterMembrane | 0.398 |
| Periplasmic | 0.181 |
| InnerMembrane | 0.156 |
| Cytoplasmic | 3.717 * |

### CELLO prediction:

| SeqID: fig|6666666.171271.peg.743 | CELLO prediction: |
|-----------|-------------------------|
| **(predictor** | **location** | **reliable-index)** | |
| Composition | Cytoplasmic | 0.315 |
| Di-peptide | Cytoplasmic | 0.957 |
| part-Comp. | Cytoplasmic | 0.665 |
| chemo-ttypy | Cytoplasmic | 0.912 |
| Neighboring | Cytoplasmic | 0.727 |
| **Combined SVM classifier:** | | |
| Extracellular | 0.565 |
| OuterMembrane | 0.222 |
| Periplasmic | 0.416 |
| InnerMembrane | 0.221 |
| SeqID: fig|6666666.171271.peg.744 |
|---------------------|
| CELLO prediction: |
| (predictor          | location      |    reliable-index) |
| Composition         | Cytoplasmic   |    0.260                   |
| Di-peptide          | Extracellular |    0.354                   |
| part-Comp.          | OuterMembrane |    0.310                   |
| chemo-typy          | Periplasmic   |    0.508                   |
| Neighboring         | Extracellular |    0.311                   |
| Combined SVM classifier: |
| Extracellular       | 1.572 *       |
| OuterMembrane       | 1.089 *       |
| Periplasmic         | 0.972         |
| InnerMembrane       | 0.506         |
| Cytoplasmic         | 0.861         |

| SeqID: fig|6666666.171271.peg.745 |
|---------------------|
| CELLO prediction: |
| (predictor          | location      |    reliable-index) |
| Composition         | Cytoplasmic   |    0.752                   |
| Di-peptide          | Cytoplasmic   |    0.899                   |
| part-Comp.          | Cytoplasmic   |    0.702                   |
| chemo-typy          | Periplasmic   |    0.516                   |
| Neighboring         | Cytoplasmic   |    0.515                   |
| Combined SVM classifier: |
| Extracellular       | 0.319         |
| OuterMembrane       | 0.302         |
| Periplasmic         | 0.632         |
| InnerMembrane       | 0.500         |
| Cytoplasmic         | 3.248 *       |

| SeqID: fig|6666666.171271.peg.746 |
|---------------------|
| CELLO prediction: |
| (predictor          | location      |    reliable-index) |
| Composition         | Cytoplasmic   |    0.856                   |
| Di-peptide          | Cytoplasmic   |    0.994                   |
| part-Comp.          | Cytoplasmic   |    0.991                   |
| chemo-typy          | Cytoplasmic   |    0.897                   |
| Neighboring         | Cytoplasmic   |    0.979                   |
| Combined SVM classifier: |
| Extracellular       | 0.045         |
| OuterMembrane       | 0.107         |
| Periplasmic         | 0.096         |
| InnerMembrane       | 0.036         |
| Cytoplasmic         | 4.716 *       |
### CELLO prediction:

**SeqID: fig|6666666.171271.peg.747**

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<tr>
<td>Di-peptide</td>
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**Combined SVM classifier:**

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<td>Inner Membrane</td>
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**SeqID: fig|6666666.171271.peg.748**

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**Combined SVM classifier:**

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**SeqID: fig|6666666.171271.peg.749**

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<tr>
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**Combined SVM classifier:**

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**SeqID: fig|6666666.171271.peg.750**

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.751
CELLO prediction:

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Combined SVM classifier:

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CELLO prediction:

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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.982</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.671</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.413</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.114</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.746</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.150</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.576 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.753
CELLO prediction:

<table>
<thead>
<tr>
<th>(predictor</th>
<th>location</th>
<th>reliable-index)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.360</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.371</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.374</td>
</tr>
</tbody>
</table>
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<table>
<thead>
<tr>
<th>Chemo-typy</th>
<th>Periplasmic</th>
<th>0.840</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.534</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.409 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.578</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.520 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.417</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.077 *</td>
</tr>
</tbody>
</table>

**************************************************************************************

******

SeqID: fig|6666666.171271.peg.754

CELLO prediction:

(predictor | location | reliable-index)
Composition | Cytoplasmic | 0.666
Di-peptide  | Cytoplasmic | 0.695
part-Comp.  | OuterMembrane | 0.423
chemo-typy  | Extracellular | 0.369
Neighboring  | Cytoplasmic | 0.585

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.823</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.021</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.530</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.429</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.197 *</td>
</tr>
</tbody>
</table>

**************************************************************************************

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SeqID: fig|6666666.171271.peg.755

CELLO prediction:

(predictor | location | reliable-index)
Composition | OuterMembrane | 0.569
Di-peptide  | Extracellular | 0.595
part-Comp.  | Extracellular | 0.460
chemo-typy  | Periplasmic | 0.481
Neighboring  | OuterMembrane | 0.782

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.946 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.685 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.764</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.251</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.354</td>
</tr>
</tbody>
</table>

**************************************************************************************

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SeqID: fig|6666666.171271.peg.756

CELLO prediction:

(predictor | location | reliable-index)
Composition | OuterMembrane | 0.762
Di-peptide  | Cytoplasmic | 0.868
part-Comp.  | InnerMembrane | 0.496
chemo-typy  | Extracellular | 0.560
Neighboring  | Cytoplasmic | 0.711

Combined SVM classifier:

```
Extracellular 0.853
OuterMembrane 1.178
Periplasmic 0.181
InnerMembrane 0.572
Cytoplasmic 2.216 *

SeqID: fig|6666666.171271.peg.757
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.595
Di-peptide Cytoplasmic 0.722
part-Comp. Extracellular 0.531
chemo-typy Periplasmic 0.620
Neighboring OuterMembrane 0.436

Combined SVM classifier:
Extracellular 1.279 *
OuterMembrane 1.535 *
Periplasmic 0.805
InnerMembrane 0.204
Cytoplasmic 1.177 *

SeqID: fig|6666666.171271.peg.758
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.357
Di-peptide InnerMembrane 0.991
part-Comp. InnerMembrane 0.602
chemo-typy InnerMembrane 0.908
Neighboring InnerMembrane 0.585

Combined SVM classifier:
Extracellular 0.280
OuterMembrane 0.148
Periplasmic 0.341
InnerMembrane 3.444 *
Cytoplasmic 0.787

SeqID: fig|6666666.171271.peg.759
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.513
Di-peptide Cytoplasmic 0.623
part-Comp. Cytoplasmic 0.746
chemo-typy Cytoplasmic 0.843
Neighboring Cytoplasmic 0.859

Combined SVM classifier:
Extracellular 0.552
OuterMembrane 0.386
Periplasmic 0.215
InnerMembrane 0.263
Cytoplasmic  3.585 *

SeqID: fig|6666666.171271.peg.760
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.569
Di-peptide   InnerMembrane  0.960
part-Comp.   InnerMembrane  0.565
chemo-typy   InnerMembrane  0.881
Neighboring  InnerMembrane  0.584

Combined SVM classifier:
Extracellular  0.389
OuterMembrane  0.192
Periplasmic    0.229
InnerMembrane  3.559 *
Cytoplasmic    0.631

SeqID: fig|6666666.171271.peg.761
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.520
Di-peptide   OuterMembrane  0.640
part-Comp.   InnerMembrane  0.361
chemo-typy   InnerMembrane  0.606
Neighboring  OuterMembrane  0.491

Combined SVM classifier:
Extracellular  1.058
OuterMembrane  1.850 *
Periplasmic    0.443
InnerMembrane  1.358 *
Cytoplasmic    0.292

SeqID: fig|6666666.171271.peg.762
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.986
Di-peptide   Cytoplasmic  0.900
part-Comp.   Cytoplasmic  0.993
chemo-typy   Cytoplasmic  0.663
Neighboring  Cytoplasmic  0.954

Combined SVM classifier:
Extracellular  0.052
OuterMembrane  0.218
Periplasmic    0.149
InnerMembrane  0.085
Cytoplasmic    4.497 *
SeqID: fig|6666666.171271.peg.763
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.603
Di-peptide Cytoplasmic 0.660
part-Comp. Cytoplasmic 0.507
chemo-typy OuterMembrane 0.524
Neighboring Cytoplasmic 0.602

Combined SVM classifier:
Extracellular 0.566
OuterMembrane 1.766 *
Periplasmic 0.233
InnerMembrane 0.192
Cytoplasmic 2.243 *

SeqID: fig|6666666.171271.peg.764
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.978
Di-peptide InnerMembrane 0.992
part-Comp. InnerMembrane 0.899
chemo-typy InnerMembrane 0.968
Neighboring InnerMembrane 0.995

Combined SVM classifier:
Extracellular 0.019
OuterMembrane 0.050
Periplasmic 0.023
InnerMembrane 4.833 *
Cytoplasmic 0.075

SeqID: fig|6666666.171271.peg.765
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.888
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.979
chemo-typy InnerMembrane 0.741
Neighboring InnerMembrane 0.981

Combined SVM classifier:
Extracellular 0.041
OuterMembrane 0.045
Periplasmic 0.053
InnerMembrane 4.588 *
Cytoplasmic 0.274

SeqID: fig|6666666.171271.peg.766
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.261
Di-peptide  Cytoplasmic  0.797
part-Comp.  Cytoplasmic  0.431
chemo-typy  Cytoplasmic  0.329
Neighboring  Cytoplasmic  0.542

Combined SVM classifier:
Extracellular  0.974
OuterMembrane  0.441
Periplasmic  0.763
InnerMembrane  0.467
Cytoplasmic  2.354 *

*****************************************************************

SeqID: fig|6666666.171271.peg.767
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.288
Di-peptide  Cytoplasmic  0.899
part-Comp.  Cytoplasmic  0.602
chemo-typy  Cytoplasmic  0.635
Neighboring  Cytoplasmic  0.360

Combined SVM classifier:
Extracellular  0.890
OuterMembrane  0.339
Periplasmic  0.564
InnerMembrane  0.423
Cytoplasmic  2.783 *

*****************************************************************

SeqID: fig|6666666.171271.peg.768
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.271
Di-peptide  Cytoplasmic  0.655
part-Comp.  Cytoplasmic  0.531
chemo-typy  Cytoplasmic  0.676
Neighboring  Cytoplasmic  0.491

Combined SVM classifier:
Extracellular  0.852
OuterMembrane  0.357
Periplasmic  0.893
InnerMembrane  0.272
Cytoplasmic  2.625 *

*****************************************************************

SeqID: fig|6666666.171271.peg.769
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.295
Di-peptide  Cytoplasmic  0.701
part-Comp.  Cytoplasmic  0.665
chemo-typy  Cytoplasmic  0.515
Neighboring  Cytoplasmic  0.722

Combined SVM classifier:
Extracellular  0.523
OuterMembrane  0.632
Periplasmic  0.644
InnerMembrane  0.303
Cytoplasmic  2.897 *

SeqID: fig|6666666.171271.peg.770
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.702
Di-peptide   Cytoplasmic  0.921
part-Comp.   Cytoplasmic  0.937
chemo-typy   Cytoplasmic  0.936
Neighboring  Cytoplasmic  0.968

Combined SVM classifier:
Extracellular  0.201
OuterMembrane  0.219
Periplasmic  0.070
InnerMembrane  0.046
Cytoplasmic  4.464 *

SeqID: fig|6666666.171271.peg.772
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.314
Di-peptide   Cytoplasmic  0.989
part-Comp.   Cytoplasmic  0.517
chemo-typy   Cytoplasmic  0.975
Neighboring  Cytoplasmic  0.801

Combined SVM classifier:
Extracellular  0.535
OuterMembrane  0.183
Periplasmic  0.446
InnerMembrane  0.241
Cytoplasmic  3.596 *

SeqID: fig|6666666.171271.peg.772
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.385
Di-peptide   Cytoplasmic  0.903
part-Comp.   Cytoplasmic  0.403
chemo-typy   Periplasmic  0.469
Neighboring  Cytoplasmic  0.506

Combined SVM classifier:
Extracellular 0.909
OuterMembrane 0.192
Periplasmic 0.991
InnerMembrane 0.272
Cytoplasmic 2.635 *

SeqID: fig|6666666.171271.peg.773
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.597
Di-peptide OuterMembrane 0.391
part-Comp. Cytoplasmic 0.498
chemo-typy Extracellular 0.355
Neighboring Extracellular 0.420

Combined SVM classifier:
Extracellular 1.815 *
OuterMembrane 0.947
Periplasmic 0.853
InnerMembrane 0.095
Cytoplasmic 1.289 *

SeqID: fig|6666666.171271.peg.774
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.391
Di-peptide Cytoplasmic 0.996
part-Comp. Cytoplasmic 0.754
chemo-typy Cytoplasmic 0.822
Neighboring Cytoplasmic 0.810

Combined SVM classifier:
Extracellular 0.437
OuterMembrane 0.192
Periplasmic 0.357
InnerMembrane 0.241
Cytoplasmic 3.773 *

SeqID: fig|6666666.171271.peg.775
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.671
Di-peptide Cytoplasmic 0.934
part-Comp. Cytoplasmic 0.649
chemo-typy Cytoplasmic 0.644
Neighboring Cytoplasmic 0.805

Combined SVM classifier:
Extracellular 0.424
OuterMembrane 0.197
Periplasmic 0.433
InnerMembrane 0.244
CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.771</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.901</td>
</tr>
<tr>
<td>parti-Comp.</td>
<td>Cytoplasmic</td>
<td>0.978</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.892</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.884</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.110</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.105</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.143</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.218</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.425 *</td>
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</tbody>
</table>

SeqID: fig|6666666.171271.peg.777

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.574</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.984</td>
</tr>
<tr>
<td>parti-Comp.</td>
<td>Cytoplasmic</td>
<td>0.853</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.994</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.945</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.190</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.076</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.297</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.128</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.309 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.778

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.386</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.734</td>
</tr>
<tr>
<td>parti-Comp.</td>
<td>Cytoplasmic</td>
<td>0.529</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.904</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.657</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.321</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.310 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.157 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.442</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.770 *</td>
</tr>
</tbody>
</table>
SeqID: fig|6666666.171271.peg.779

CELLO prediction:

(predictor  location   reliable-index)
Composition InnerMembrane 0.978
Di-peptide InnerMembrane 0.898
part-Comp. InnerMembrane 0.958
chemo-typy InnerMembrane 0.821
Neighboring InnerMembrane 0.976

Combined SVM classifier:

Extracellular 0.065
OuterMembrane 0.120
Periplasmic 0.089
InnerMembrane 4.631 *
Cytoplasmic 0.095

SeqID: fig|6666666.171271.peg.780

CELLO prediction:

(predictor  location   reliable-index)
Composition Extracellular 0.304
Di-peptide Cytoplasmic 0.367
part-Comp. Extracellular 0.524
chemo-typy OuterMembrane 0.594
Neighboring OuterMembrane 0.337

Combined SVM classifier:

Extracellular 1.753 *
OuterMembrane 1.226 *
Periplasmic 0.664
InnerMembrane 0.608
Cytoplasmic 0.750

SeqID: fig|6666666.171271.peg.781

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.838
Di-peptide Cytoplasmic 0.731
part-Comp. Cytoplasmic 0.965
chemo-typy Cytoplasmic 0.741
Neighboring Cytoplasmic 0.908

Combined SVM classifier:

Extracellular 0.070
OuterMembrane 0.305
Periplasmic 0.210
InnerMembrane 0.233
Cytoplasmic 4.183 *

SeqID: fig|6666666.171271.peg.782

CELLO prediction:


(predictor  location   reliable-index)
Composition  Cytoplasmic  0.606
Di-peptide  Cytoplasmic  0.509
part-Comp.  Cytoplasmic  0.443
chemo-typy  Cytoplasmic  0.980
Neighboring  Cytoplasmic  0.564

Combined SVM classifier:
Extracellular  0.460
OuterMembrane  0.237
Periplasmic  1.078
InnerMembrane  0.124
Cytoplasmic  3.101 *
chemo-typy    OuterMembrane  0.468
Neighbor     OuterMembrane  0.587

Combined SVM classifier:
Extracellular    1.425
OuterMembrane    3.134 *
Periplasmic      0.318
InnerMembrane   0.077
Cytoplasmic     0.046

SeqID: fig|6666666.171271.peg.786
CELLO prediction:
(predictor      location    reliable-index)
Composition    Cytoplasmic  0.265
Di-peptide     Cytoplasmic  0.690
part-Comp.     Cytoplasmic  0.378
chemo-typy     Cytoplasmic  0.795
Neighboring    Cytoplasmic  0.328

Combined SVM classifier:
Extracellular    0.810
OuterMembrane    0.254
Periplasmic      1.167
InnerMembrane   0.312
Cytoplasmic     2.456 *

SeqID: fig|6666666.171271.peg.787
CELLO prediction:
(predictor      location    reliable-index)
Composition    Cytoplasmic  0.290
Di-peptide     Cytoplasmic  0.805
part-Comp.     Cytoplasmic  0.397
chemo-typy     Periplasmic  0.856
Neighboring    Extracellular  0.346

Combined SVM classifier:
Extracellular    0.764
OuterMembrane    0.284
Periplasmic      1.640 *
InnerMembrane   0.428
Cytoplasmic     1.884 *

SeqID: fig|6666666.171271.peg.788
CELLO prediction:
(predictor      location    reliable-index)
Composition    Periplasmic  0.447
Di-peptide     Periplasmic  0.461
part-Comp.     Periplasmic  0.468
chemo-typy     Periplasmic  0.627
Neighboring    Periplasmic  0.510

Combined SVM classifier:
Extracellular 1.484
OuterMembrane 0.301
Periplasmic 2.514 *
InnerMembrane 0.160
Cytoplasmic 0.542

SeqID: fig|6666666.171271.peg.789
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.352
Di-peptide Extracellular 0.481
part-Comp. Periplasmic 0.295
chemo-typy Cytoplasmic 0.339
Neighboring Extracellular 0.450

Combined SVM classifier:
Extracellular 1.837 *
OuterMembrane 0.681
Periplasmic 1.208 *
InnerMembrane 0.378
Cytoplasmic 0.895

SeqID: fig|6666666.171271.peg.790
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.366
Di-peptide Cytoplasmic 0.387
part-Comp. Cytoplasmic 0.454
chemo-typy Cytoplasmic 0.556
Neighboring Periplasmic 0.440

Combined SVM classifier:
Extracellular 1.097
OuterMembrane 0.114
Periplasmic 1.296 *
InnerMembrane 0.570
Cytoplasmic 1.922 *

SeqID: fig|6666666.171271.peg.791
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.966
Di-peptide Cytoplasmic 0.481
part-Comp. InnerMembrane 0.830
chemo-typy InnerMembrane 0.492
Neighboring InnerMembrane 0.964

Combined SVM classifier:
Extracellular 0.017
OuterMembrane 0.136
Periplasmic 0.465
InnerMembrane 3.724 *
Cytoplasmic 0.657

SeqID: fig|6666666.171271.peg.792

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.522
Di-peptide Cytoplasmic 0.867
part-Comp. Cytoplasmic 0.892
chemo-typical Cytoplasmic 0.973
Neighboring Cytoplasmic 0.912

Combined SVM classifier:
Extracellular 0.273
OuterMembrane 0.226
Periplasmic 0.172
InnerMembrane 0.162
Cytoplasmic 4.166 *

SeqID: fig|6666666.171271.peg.793

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.268
Di-peptide Cytoplasmic 0.828
part-Comp. Cytoplasmic 0.446
chemo-typical Cytoplasmic 0.981
Neighboring Cytoplasmic 0.567

Combined SVM classifier:
Extracellular 0.672
OuterMembrane 0.271
Periplasmic 0.590
InnerMembrane 0.377
Cytoplasmic 3.089 *

SeqID: fig|6666666.171271.peg.794

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.300
Di-peptide Cytoplasmic 0.658
part-Comp. Cytoplasmic 0.353
chemo-typical Periplasmic 0.837
Neighboring Cytoplasmic 0.335

Combined SVM classifier:
Extracellular 0.743
OuterMembrane 0.426
Periplasmic 1.675 *
InnerMembrane 0.388
Cytoplasmic 1.768 *
SeqID: fig|6666666.171271.peg.795
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.865
Di-peptide     Cytoplasmic  0.985
part-Comp.     Cytoplasmic  0.990
chemo-typy     Cytoplasmic  0.991
Neighboring    Cytoplasmic  0.937

Combined SVM classifier:
Extracellular  0.050
OuterMembrane  0.035
Periplasmic     0.060
InnerMembrane  0.086
Cytoplasmic     4.768 *

SeqID: fig|6666666.171271.peg.796
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.266
Di-peptide     OuterMembrane  0.848
part-Comp.     Cytoplasmic  0.416
chemo-typy     Extracellular  0.630
Neighboring    OuterMembrane  0.663

Combined SVM classifier:
Extracellular  1.177 *
OuterMembrane  1.839 *
Periplasmic     0.586
InnerMembrane  0.276
Cytoplasmic     1.122

SeqID: fig|6666666.171271.peg.797
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.590
Di-peptide     Cytoplasmic  0.778
part-Comp.     Cytoplasmic  0.887
chemo-typy     Cytoplasmic  0.695
Neighboring    Cytoplasmic  0.844

Combined SVM classifier:
Extracellular  0.021
OuterMembrane  0.146
Periplasmic     0.168
InnerMembrane  0.872
Cytoplasmic     3.793 *

SeqID: fig|6666666.171271.peg.798
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.398
Di-peptide Cytoplasmic 0.975
part-Comp. Cytoplasmic 0.720
chemo-typy Cytoplasmic 0.994
Neighboring Cytoplasmic 0.896

Combined SVM classifier:
Extracellular 0.272
OuterMembrane 0.142
Periplasmic 0.274
InnerMembrane 0.331
Cytoplasmic 3.982 *

SeqID: fig|6666666.171271.peg.799
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.318
Di-peptide Cytoplasmic 0.961
part-Comp. Cytoplasmic 0.511
chemo-typy Cytoplasmic 0.786
Neighboring Cytoplasmic 0.614

Combined SVM classifier:
Extracellular 0.601
OuterMembrane 0.336
Periplasmic 0.574
InnerMembrane 0.299
Cytoplasmic 3.191 *

SeqID: fig|6666666.171271.peg.800
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.261
Di-peptide InnerMembrane 0.930
part-Comp. Cytoplasmic 0.379

Combined SVM classifier:
Extracellular 0.396
OuterMembrane 0.329
Periplasmic 1.509 *
InnerMembrane 0.750
Cytoplasmic 2.016 *

SeqID: fig|6666666.171271.peg.801
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.261
Di-peptide InnerMembrane 0.930
part-Comp. Cytoplasmic 0.379
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SeqID: fig|6666666.171271.peg.804

CELLO prediction:

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SeqID: fig|6666666.171271.peg.805
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.282
Di-peptide   OuterMembrane  0.790
part-Comp.   OuterMembrane  0.513
chemo-typy   Extracellular  0.579
Neighboring  Cytoplasmic   0.437

Combined SVM classifier:
Extracellular  1.213
OuterMembrane  2.129 *
Periplasmic    0.310
InnerMembrane  0.367
Cytoplasmic   0.982

SeqID: fig|6666666.171271.peg.806
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.315
Di-peptide   Cytoplasmic  0.914
part-Comp.   Cytoplasmic  0.670
chemo-typy   Cytoplasmic  0.936
Neighboring  Extracellular 0.393

Combined SVM classifier:
Extracellular  0.741
OuterMembrane  0.386
Periplasmic    0.538
InnerMembrane  0.279
Cytoplasmic   3.056 *

SeqID: fig|6666666.171271.peg.807
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.961
Di-peptide   Cytoplasmic  0.602
part-Comp.   Cytoplasmic  1.000
chemo-typy   Cytoplasmic  0.376
Neighboring  Cytoplasmic  0.991

Combined SVM classifier:
Extracellular  0.190
OuterMembrane  0.285
Periplasmic    0.332
InnerMembrane  0.261
Cytoplasmic 3.930 *

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SeqID: fig|6666666.171271.peg.808
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.269
Di-peptide  OuterMembrane  0.438
part-Comp.  Cytoplasmic  0.619
chemo-typy  Periplasmic  0.309
Neighboring  Cytoplasmic  0.584

Combined SVM classifier:
Extracellular  1.246 *
OuterMembrane  0.787
Periplasmic  0.746
InnerMembrane  0.355
Cytoplasmic  1.867 *

******
SeqID: fig|6666666.171271.peg.809
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide  Cytoplasmic  0.724
part-Comp.  Cytoplasmic  0.387
chemo-typy  Cytoplasmic  0.689
Neighboring  Cytoplasmic  0.440

Combined SVM classifier:
Extracellular  0.801
OuterMembrane  0.400
Periplasmic  0.870
InnerMembrane  0.451
Cytoplasmic  2.479 *

******
SeqID: fig|6666666.171271.peg.810
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.395
Di-peptide  Cytoplasmic  0.885
part-Comp.  Cytoplasmic  0.584
chemo-typy  Cytoplasmic  0.568
Neighboring  Cytoplasmic  0.635

Combined SVM classifier:
Extracellular  0.664
OuterMembrane  0.270
Periplasmic  0.709
InnerMembrane  0.290
Cytoplasmic  3.068 *
SeqID: fig|6666666.171271.peg.811
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.475
Di-peptide OuterMembrane 0.433
part-Comp. Cytoplasmic 0.452
chemo-typo OuterMembrane 0.435
Neighboring OuterMembrane 0.560

Combined SVM classifier:
Extracellular 0.694
OuterMembrane 2.186 *
Periplasmic 0.208
InnerMembrane 0.335
Cytoplasmic 1.577 *

SeqID: fig|6666666.171271.peg.812
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.467
Di-peptide Cytoplasmic 0.943
part-Comp. Cytoplasmic 0.558
chemo-typo Cytoplasmic 0.695
Neighboring Cytoplasmic 0.735

Combined SVM classifier:
Extracellular 0.516
OuterMembrane 0.221
Periplasmic 0.665
InnerMembrane 0.200
Cytoplasmic 3.398 *

SeqID: fig|6666666.171271.peg.813
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.494
Di-peptide Cytoplasmic 0.790
part-Comp. Cytoplasmic 0.756
chemo-typo Cytoplasmic 0.950
Neighboring Cytoplasmic 0.893

Combined SVM classifier:
Extracellular 0.254
OuterMembrane 0.267
Periplasmic 0.236
InnerMembrane 0.359
Cytoplasmic 3.884 *

SeqID: fig|6666666.171271.peg.814
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Combined SVM classifier:

- Extracellular 0.302
- OuterMembrane 0.624
- Periplasmic 0.252
- InnerMembrane 0.902
- Cytoplasmic 2.920

SeqID: fig|6666666.171271.peg.816

CELLO prediction:

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Combined SVM classifier:

- Extracellular 0.492
- OuterMembrane 0.603
- Periplasmic 0.193
- InnerMembrane 0.145
- Cytoplasmic 3.566

SeqID: fig|6666666.171271.peg.817

CELLO prediction:

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**Combined SVM classifier:**

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**SeqID: fig|6666666.171271.peg.818**

CELLO prediction:

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**Combined SVM classifier:**

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**SeqID: fig|6666666.171271.peg.819**

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**Combined SVM classifier:**

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**SeqID: fig|6666666.171271.peg.820**

CELLO prediction:

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SeqID: fig|6666666.171271.peg.821

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.822

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.823

CELLO prediction:

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Combined SVM classifier:

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<tr>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>(predictor  location   reliable-index)</td>
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<tr>
<td>Composition Periplasmic 0.269</td>
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<tr>
<td>Di-peptide Cytoplasmic 0.674</td>
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<tr>
<td>part-Comp. Cytoplasmic 0.358</td>
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<tr>
<td>chemo-typy Periplasmic 0.679</td>
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<tr>
<td>Neighboring Cytoplasmic 0.409</td>
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Combined SVM classifier:

| Extracellular 0.670 |
| OuterMembrane 0.269 |
| Periplasmic 1.517 * |
| InnerMembrane 0.564 |
| Cytoplasmic 1.980 * |

| SeqID: fig|6666666.171271.peg.825 |
|-----------------------------|
| CELLO prediction:           |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.819 |
| Di-peptide Cytoplasmic 0.652 |
| part-Comp. Cytoplasmic 0.709 |
| chemo-typy OuterMembrane 0.312 |
| Neighboring Cytoplasmic 0.645 |

Combined SVM classifier:

| Extracellular 0.304 |
| OuterMembrane 0.455 |
| Periplasmic 0.734 |
| InnerMembrane 0.487 |
| Cytoplasmic 3.021 * |

| SeqID: fig|6666666.171271.peg.826 |
|-----------------------------|
| CELLO prediction:           |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.422 |
| Di-peptide InnerMembrane 0.672 |
| part-Comp. InnerMembrane 0.628 |
| chemo-typy InnerMembrane 0.744 |
| Neighboring InnerMembrane 0.815 |

Combined SVM classifier:

| Extracellular 0.225 |
| OuterMembrane 0.594 |
| Periplasmic 0.294 |
| InnerMembrane 3.142 * |
| Cytoplasmic 0.745 |
| SeqID: fig|6666666.171271.peg.827 |
|-----------------------------|
| CELLO prediction:           |
| (predictor  location   reliable-index) |
| Composition     OuterMembrane  0.736 |
| Di-peptide      OuterMembrane  0.713 |
| part-Comp.      OuterMembrane  0.796 |
| chemo-typy      Periplasmic    0.592 |
| Neighboring     OuterMembrane  0.902 |
| Combined SVM classifier:   |
| Extracellular     0.421       |
| OuterMembrane     3.180 *     |
| Periplasmic       0.658       |
| InnerMembrane     0.348       |
| Cytoplasmic       0.392       |

| SeqID: fig|6666666.171271.peg.828 |
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| CELLO prediction:           |
| (predictor  location   reliable-index) |
| Composition     Extracellular  0.333 |
| Di-peptide      Extracellular  0.935 |
| part-Comp.      Extracellular  0.759 |
| chemo-typy      OuterMembrane  0.719 |
| Neighboring     Extracellular  0.655 |
| Combined SVM classifier:   |
| Extracellular     2.854 *     |
| OuterMembrane     1.472       |
| Periplasmic       0.234       |
| InnerMembrane     0.148       |
| Cytoplasmic       0.292       |

| SeqID: fig|6666666.171271.peg.829 |
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| CELLO prediction:           |
| (predictor  location   reliable-index) |
| Composition     Cytoplasmic  0.347 |
| Di-peptide      Cytoplasmic  0.849 |
| part-Comp.      Cytoplasmic  0.482 |
| chemo-typy      Cytoplasmic  0.731 |
| Neighboring     Cytoplasmic  0.613 |
| Combined SVM classifier:   |
| Extracellular     0.534       |
| OuterMembrane     0.366       |
| Periplasmic       0.813       |
| InnerMembrane     0.263       |
| Cytoplasmic       3.023 *     |

| SeqID: fig|6666666.171271.peg.830 |
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| CELLO prediction:           |
### CELLO prediction

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<td>InnerMembrane</td>
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### CELLO prediction

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<td>Cytoplasmic</td>
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<td>Combined SVM classifier:</td>
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<td>Cytoplasmic</td>
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### CELLO prediction

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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
</tr>
</tbody>
</table>
chemo-typy  Periplasmic  0.611
Neighboring  Cytoplasmic  0.406

Combined SVM classifier:
Extracellular  1.123 *
OuterMembrane  0.375
Periplasmic  1.222 *
InnerMembrane  0.554
Cytoplasmic  1.726 *

SeqID: fig|6666666.171271.peg.834
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.855
Di-peptide  Cytoplasmic  0.784
part-Comp.  Cytoplasmic  0.937
chemo-typy  Cytoplasmic  0.949
Neighboring  Cytoplasmic  0.936

Combined SVM classifier:
Extracellular  0.157
OuterMembrane  0.189
Periplasmic  0.088
InnerMembrane  0.106
Cytoplasmic  4.461 *

SeqID: fig|6666666.171271.peg.835
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.615
Di-peptide  Cytoplasmic  0.640
part-Comp.  Cytoplasmic  0.686
chemo-typy  Cytoplasmic  0.958
Neighboring  Cytoplasmic  0.649

Combined SVM classifier:
Extracellular  0.281
OuterMembrane  0.064
Periplasmic  0.845
InnerMembrane  0.261
Cytoplasmic  3.549 *

SeqID: fig|6666666.171271.peg.836
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.263
Di-peptide  Cytoplasmic  0.966
part-Comp.  Cytoplasmic  0.421
chemo-typy  Cytoplasmic  0.919
Neighboring  Cytoplasmic  0.416

Combined SVM classifier:
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<th>SVM Classifier</th>
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<tr>
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<tr>
<td>Periplasmic</td>
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<tr>
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<td>Cytoplasmic</td>
<td>2.985 *</td>
<td>3.752 *</td>
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SeqID: fig|6666666.171271.peg.837

<table>
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<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.899</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.951</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.648</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.462</td>
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</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.314
- OuterMembrane: 0.215
- Periplasmic: 0.637
- InnerMembrane: 0.081
- Cytoplasmic: 3.752 *

SeqID: fig|6666666.171271.peg.838

<table>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
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Combined SVM classifier:

- Extracellular: 0.446
- OuterMembrane: 0.060
- Periplasmic: 0.917
- InnerMembrane: 0.119
- Cytoplasmic: 3.458 *

SeqID: fig|6666666.171271.peg.839

<table>
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<th>Predictor</th>
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<tr>
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Combined SVM classifier:

- Extracellular: 0.300
- OuterMembrane: 0.138
- Periplasmic: 3.257 *
- InnerMembrane: 0.364
SeqID: fig|6666666.171271.peg.840

CELLO prediction:

(predictor  location   reliable-index)
Composition Extracellular 0.459
Di-peptide OuterMembrane 0.693
part-Comp. OuterMembrane 0.900
chemo-typy Extracellular 0.384
Neighboring OuterMembrane 0.825

Combined SVM classifier:

Extracellular 1.354
OuterMembrane 3.175 *
Periplasmic 0.202
InnerMembrane 0.066
Cytoplasmic 0.202

SeqID: fig|6666666.171271.peg.841

CELLO prediction:

(predictor  location   reliable-index)
Composition Extracellular 0.393
Di-peptide Cytoplasmic 0.710
part-Comp. Extracellular 0.413
chemo-typy Cytoplasmic 0.410
Neighboring OuterMembrane 0.632

Combined SVM classifier:

Extracellular 1.301 *
OuterMembrane 1.302 *
Periplasmic 0.533
InnerMembrane 0.173
Cytoplasmic 1.691 *

SeqID: fig|6666666.171271.peg.842

CELLO prediction:

(predictor  location   reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.673
part-Comp. Cytoplasmic 0.363
chemo-typy Cytoplasmic 0.889
Neighboring Cytoplasmic 0.448

Combined SVM classifier:

Extracellular 0.709
OuterMembrane 0.288
Periplasmic 0.992
InnerMembrane 0.402
Cytoplasmic 2.610 *
| SeqID: fig|6666666.171271.peg.843 |
|---------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.403 |
| Di-peptide | Cytoplasmic | 0.872 |
| part-Comp. | Cytoplasmic | 0.516 |
| chemo-typy | Cytoplasmic | 0.903 |
| Neighboring | Cytoplasmic | 0.414 |
| Combined SVM classifier: |
| Extracellular | 0.594 |
| OuterMembrane | 0.430 |
| Periplasmic | 0.677 |
| InnerMembrane | 0.192 |
| Cytoplasmic | 3.108 * |

| SeqID: fig|6666666.171271.peg.844 |
|---------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.695 |
| Di-peptide | Cytoplasmic | 0.927 |
| part-Comp. | Cytoplasmic | 0.605 |
| chemo-typy | Cytoplasmic | 0.913 |
| Neighboring | Cytoplasmic | 0.802 |
| Combined SVM classifier: |
| Extracellular | 0.390 |
| OuterMembrane | 0.377 |
| Periplasmic | 0.201 |
| InnerMembrane | 0.089 |
| Cytoplasmic | 3.943 * |

| SeqID: fig|6666666.171271.peg.845 |
|---------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.959 |
| Di-peptide | InnerMembrane | 0.994 |
| part-Comp. | InnerMembrane | 0.964 |
| chemo-typy | InnerMembrane | 0.973 |
| Neighboring | InnerMembrane | 0.989 |
| Combined SVM classifier: |
| Extracellular | 0.018 |
| OuterMembrane | 0.050 |
| Periplasmic | 0.031 |
| InnerMembrane | 4.879 * |
| Cytoplasmic | 0.022 |

| SeqID: fig|6666666.171271.peg.846 |
|---------------|
| CELLO prediction: |
(predictor  location   reliable-index)
Composition  InnerMembrane  0.372
Di-peptide   InnerMembrane  0.930
part-Comp.   Cytoplasmic  0.495
chemo-typy   InnerMembrane  0.991
Neighboring  InnerMembrane  0.722

Combined SVM classifier:
Extracellular  0.320
OuterMembrane  0.163
Periplasmic    0.428
InnerMembrane  3.202 *
Cytoplasmic    0.887

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******
SeqID: fig|6666666.171271.peg.847
CELOO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.563
Di-peptide   Cytoplasmic  0.953
part-Comp.   Cytoplasmic  0.660
chemo-typy   Cytoplasmic  0.860
Neighboring  InnerMembrane  0.602

Combined SVM classifier:
Extracellular  0.014
OuterMembrane  0.053
Periplasmic    0.174
InnerMembrane  1.535
Cytoplasmic    3.224 *

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******
SeqID: fig|6666666.171271.peg.848
CELOO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.790
Di-peptide   Cytoplasmic  0.853
part-Comp.   Cytoplasmic  0.719
chemo-typy   Cytoplasmic  0.939
Neighboring  Cytoplasmic  0.934

Combined SVM classifier:
Extracellular  0.138
OuterMembrane  0.064
Periplasmic    0.425
InnerMembrane  0.138
Cytoplasmic    4.235 *

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SeqID: fig|6666666.171271.peg.849
CELOO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.361
Di-peptide   Cytoplasmic  0.735
part-Comp.   Cytoplasmic  0.439
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.850

CELLO prediction:

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Combined SVM classifier:

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<td>1.572 *</td>
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SeqID: fig|6666666.171271.peg.851

CELLO prediction:

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Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
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<tr>
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SeqID: fig|6666666.171271.peg.852

CELLO prediction:

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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.532</td>
</tr>
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Combined SVM classifier:
Extracellular 0.594
OuterMembrane 1.556
Periplasmic 0.245
InnerMembrane 0.048
Cytoplasmic 2.557 *

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SeqID: fig|6666666.171271.peg.853
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.289
Di-peptide  OuterMembrane 0.317
part-Comp.  Cytoplasmic 0.784
chemo-typy  Cytoplasmic 0.614
Neighboring Cytoplasmic 0.885

Combined SVM classifier:
Extracellular 0.566
OuterMembrane 0.553
Periplasmic 0.536
InnerMembrane 0.505
Cytoplasmic 2.840 *

*************************************************************
******
SeqID: fig|6666666.171271.peg.854
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.995
Di-peptide  InnerMembrane 0.998
part-Comp.  InnerMembrane 0.991
chemo-typy  InnerMembrane 0.974
Neighboring InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.003
OuterMembrane 0.009
Periplasmic 0.014
InnerMembrane 4.955 *
Cytoplasmic 0.019

*************************************************************
******
SeqID: fig|6666666.171271.peg.855
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.536
Di-peptide  Extracellular 0.369
part-Comp.  Cytoplasmic 0.788
chemo-typy  Cytoplasmic 0.941
Neighboring Cytoplasmic 0.890

Combined SVM classifier:
Extracellular 0.607
OuterMembrane 0.420
Periplasmic 0.282
InnerMembrane 0.171
Cytoplasmic 3.521 *

SeqID: fig|6666666.171271.peg.856
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.266
Di-peptide InnerMembrane 0.535
part-Comp. Cytoplasmic 0.433
chemo-typy Cytoplasmic 0.485
Neighboring InnerMembrane 0.356

Combined SVM classifier:
Extracellular 0.719
OuterMembrane 0.339
Periplasmic 0.746
InnerMembrane 1.344 *
Cytoplasmic 1.853 *

SeqID: fig|6666666.171271.peg.857
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.885
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.786
Neighboring Cytoplasmic 0.393

Combined SVM classifier:
Extracellular 0.699
OuterMembrane 0.285
Periplasmic 0.945
InnerMembrane 0.415
Cytoplasmic 2.656 *

SeqID: fig|6666666.171271.peg.858
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.345
Di-peptide Cytoplasmic 0.932
part-Comp. Cytoplasmic 0.500
chemo-typy Cytoplasmic 0.742
Neighboring Cytoplasmic 0.675

Combined SVM classifier:
Extracellular 0.547
OuterMembrane 0.189
Periplasmic 0.756
InnerMembrane 0.314
Cytoplasmic 3.195 *
SeqID: fig|6666666.171271.peg.859
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.732
Di-peptide      Cytoplasmic  0.885
part-Comp.      Cytoplasmic  0.680
chemo-typy      Extracellular 0.367
Neighboring     Cytoplasmic  0.924

Combined SVM classifier:
Extracellular  0.630
OuterMembrane  0.391
Periplasmic     0.394
InnerMembrane  0.078
Cytoplasmic    3.507 *

SeqID: fig|6666666.171271.peg.860
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.305
Di-peptide      OuterMembrane 0.666
part-Comp.      Cytoplasmic  0.462
chemo-typy      Periplasmic  0.635
Neighboring     Cytoplasmic  0.418

Combined SVM classifier:
Extracellular  0.691
OuterMembrane  1.309 *
Periplasmic     1.121 *
InnerMembrane  0.287
Cytoplasmic    1.591 *

SeqID: fig|6666666.171271.peg.861
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.293
Di-peptide      Cytoplasmic  0.542
part-Comp.      Cytoplasmic  0.672
chemo-typy      Cytoplasmic  0.375
Neighboring     Cytoplasmic  0.764

Combined SVM classifier:
Extracellular  0.728
OuterMembrane  0.729
Periplasmic     0.643
InnerMembrane  0.255
Cytoplasmic    2.646 *

SeqID: fig|6666666.171271.peg.862
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide  Cytoplasmic  0.683
part-Comp.  Cytoplasmic  0.425
chemo-typy  Cytoplasmic  0.920
Neighboring  Extracellular  0.410

Combined SVM classifier:
Extracellular  0.871
OuterMembrane  0.518
Periplasmic  0.718
InnerMembrane  0.340
Cytoplasmic  2.553 *

******************************************************************************************
******
SeqID: fig|6666666.171271.peg.863
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.314
Di-peptide  Cytoplasmic  0.732
part-Comp.  Cytoplasmic  0.570
chemo-typy  Cytoplasmic  0.826
Neighboring  Cytoplasmic  0.665

Combined SVM classifier:
Extracellular  0.835
OuterMembrane  0.380
Periplasmic  0.442
InnerMembrane  0.237
Cytoplasmic  3.107 *

******************************************************************************************
******
SeqID: fig|6666666.171271.peg.864
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.969
Di-peptide  Cytoplasmic  0.934
part-Comp.  Cytoplasmic  0.998
chemo-typy  Cytoplasmic  0.690
Neighboring  Cytoplasmic  0.905

Combined SVM classifier:
Extracellular  0.117
OuterMembrane  0.125
Periplasmic  0.242
InnerMembrane  0.021
Cytoplasmic  4.495 *

******************************************************************************************
******
SeqID: fig|6666666.171271.peg.865
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.416
Di-peptide  Cytoplasmic  0.706
part-Comp.  Cytoplasmic  0.545
chemo-typy  Periplasmic  0.707
Neighboring  Cytoplasmic  0.818

Combined SVM classifier:
Extracellular  0.386
OuterMembrane  0.342
Periplasmic  1.426
InnerMembrane  0.177
Cytoplasmic  2.668 *

SeqID: fig|6666666.171271.peg.866
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.272
Di-peptide  Periplasmic  0.614
part-Comp.  Cytoplasmic  0.354
chemo-typy  Cytoplasmic  0.933
Neighboring  Extracellular  0.307

Combined SVM classifier:
Extracellular  0.826
OuterMembrane  0.267
Periplasmic  1.477 *
InnerMembrane  0.405
Cytoplasmic  2.025 *

SeqID: fig|6666666.171271.peg.867
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.838
Di-peptide  OuterMembrane  0.672
part-Comp.  Cytoplasmic  0.701
chemo-typy  OuterMembrane  0.400
Neighboring  OuterMembrane  0.479

Combined SVM classifier:
Extracellular  0.609
OuterMembrane  0.376
Periplasmic  1.153
InnerMembrane  0.510
Cytoplasmic  2.353 *

SeqID: fig|6666666.171271.peg.868
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.838
Di-peptide  OuterMembrane  0.672
part-Comp.  Cytoplasmic  0.701
chemo-typy  OuterMembrane  0.400
Neighboring  OuterMembrane  0.479

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.462</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>2.586 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.368</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.130</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.453</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.869

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.270</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.755</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.360</td>
</tr>
<tr>
<td>chemo-ttypy</td>
<td>Cytoplasmic</td>
<td>0.920</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.371</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.774</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.237</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.936</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.412</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.641 *</td>
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</table>

SeqID: fig|6666666.171271.peg.870

CELLO prediction:

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Outer Membrane</td>
<td>0.425</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.919</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.660</td>
</tr>
<tr>
<td>chemo-ttypy</td>
<td>Cytoplasmic</td>
<td>0.857</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.809</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.661</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.843</td>
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<tr>
<td>Inner Membrane</td>
<td>0.023</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.430 *</td>
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</table>

SeqID: fig|6666666.171271.peg.871

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Inner Membrane</td>
<td>0.948</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
<td>0.999</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Inner Membrane</td>
<td>0.992</td>
</tr>
<tr>
<td>chemo-ttypy</td>
<td>Inner Membrane</td>
<td>0.997</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
<td>0.973</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.026</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.024</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.020</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>4.909 *</td>
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</table>
Cytoplasmic 0.020

SeqID: fig|6666666.171271.peg.872
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.852
Di-peptide  Cytoplasmic 0.880
part-Comp.  Cytoplasmic 0.904
chemo-typy Cytoplasmic 0.537
Neighboring Cytoplasmic 0.924

Combined SVM classifier:
Extracellular 0.033
OuterMembrane 0.053
Periplasmic 0.382
InnerMembrane 0.435
Cytoplasmic 4.097 *

SeqID: fig|6666666.171271.peg.873
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.530
Di-peptide  Cytoplasmic 0.956
part-Comp.  Cytoplasmic 0.925
chemo-typy Cytoplasmic 0.808
Neighboring Cytoplasmic 0.951

Combined SVM classifier:
Extracellular 0.236
OuterMembrane 0.078
Periplasmic 0.367
InnerMembrane 0.149
Cytoplasmic 4.170 *

SeqID: fig|6666666.171271.peg.874
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.338
Di-peptide  Cytoplasmic 0.317
part-Comp.  Cytoplasmic 0.545
chemo-typy Cytoplasmic 0.571
Neighboring Cytoplasmic 0.506

Combined SVM classifier:
Extracellular 0.837
OuterMembrane 0.321
Periplasmic 1.061
InnerMembrane 0.504
Cytoplasmic 2.277 *
CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.595</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.428</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.938</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.500</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.477</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

Extracellular     0.318
OuterMembrane     0.943
Periplasmic       0.839
InnerMembrane     0.151
Cytoplasmic       2.749 *

CELLO prediction:

<table>
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<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.297</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.390</td>
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<td>part-Comp.</td>
<td>Periplasmic</td>
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<td>chemo-typy</td>
<td>Periplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.376</td>
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</table>

Combined SVM classifier:

Extracellular     0.944
OuterMembrane     0.771
Periplasmic       2.264 *
InnerMembrane     0.199
Cytoplasmic       0.822

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.889</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.740</td>
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<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.882</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.255</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.439</td>
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</table>

Combined SVM classifier:

Extracellular     0.237
OuterMembrane     0.553
Periplasmic       0.713
InnerMembrane     3.001 *
Cytoplasmic       0.497

CELLO prediction:
<table>
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane 0.448</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.358</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.363</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular 0.598</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane 0.802</td>
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</table>

Combined SVM classifier:

- Extracellular 1.340 *
- OuterMembrane 1.687 *
- InnerMembrane 0.352
- Cytoplasmic 1.238

SeqID: fig|6666666.171271.peg.879

CELLO prediction:

<table>
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane 0.354</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane 0.491</td>
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<tr>
<td>part-Comp.</td>
<td>OuterMembrane 0.524</td>
<td></td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane 0.372</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane 0.791</td>
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</tbody>
</table>

Combined SVM classifier:

- Extracellular 0.721
- OuterMembrane 2.531 *
- Periplasmic 0.177
- InnerMembrane 1.044
- Cytoplasmic 0.526

SeqID: fig|6666666.171271.peg.880

CELLO prediction:

<table>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic 0.640</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.521</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.855</td>
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SeqID: fig|6666666.171271.peg.881

CELLO prediction:

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<tr>
<td>Composition</td>
<td>Cytoplasmic 0.640</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.521</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.855</td>
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</table>
chemo-typy  Cytoplasmic  0.464
Neighboring  Cytoplasmic  0.483

Combined SVM classifier:
Extracellular  0.823
OuterMembrane  0.519
Periplasmic  0.538
InnerMembrane  0.157
Cytoplasmic  2.963 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.882
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.320
Di-peptide   Cytoplasmic  0.506
part-Comp.   Cytoplasmic  0.338
chemo-typy   Periplasmic  0.654
Neighboring  Extracellular  0.278

Combined SVM classifier:
Extracellular  1.009 *
OuterMembrane  0.839
Periplasmic  0.988
InnerMembrane  0.708
Cytoplasmic  1.456 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.883
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.702
Di-peptide   Cytoplasmic  0.806
part-Comp.   InnerMembrane  0.484
chemo-typy   Cytoplasmic  0.980
Neighboring  Cytoplasmic  0.728

Combined SVM classifier:
Extracellular  0.081
OuterMembrane  0.117
Periplasmic  0.200
InnerMembrane  0.978
Cytoplasmic  3.624 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.884
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.548
Di-peptide   Cytoplasmic  0.756
part-Comp.   Cytoplasmic  0.777
chemo-typy   Cytoplasmic  0.743
Neighboring  Cytoplasmic  0.723

Combined SVM classifier:
<table>
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<tr>
<th>Location</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.222</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.375</td>
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<tr>
<td>InnerMembrane</td>
<td>0.100</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.547 *</td>
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**SeqID: fig|6666666.171271.peg.885**

CELLO prediction:

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<tbody>
<tr>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.944</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.813</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.044</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.062</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.385</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.062</td>
</tr>
<tr>
<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.886**

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.544</td>
</tr>
<tr>
<td>Di-peptide</td>
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<td>Periplasmic</td>
<td>0.687</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
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<tr>
<td>Extracellular</td>
<td>0.278</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.201</td>
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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.392 *</td>
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**SeqID: fig|6666666.171271.peg.887**

CELLO prediction:

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Combined SVM classifier:

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<tr>
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<tr>
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<tr>
<td>InnerMembrane</td>
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Cytoplasmic  2.622 *

SeqID: fig|6666666.171271.peg.888
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   Cytoplasmic  0.589
part-Comp.   Cytoplasmic  0.357
chemo-typy  Cytoplasmic  0.526
Neighboring  Cytoplasmic  0.359

Combined SVM classifier:
Extracellular  0.829
OuterMembrane  0.291
Periplasmic  1.095
InnerMembrane  0.719
Cytoplasmic  2.067 *

SeqID: fig|6666666.171271.peg.889
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.280
Di-peptide   Cytoplasmic  0.616
part-Comp.   Cytoplasmic  0.573
chemo-typy  Cytoplasmic  0.818
Neighboring  Cytoplasmic  0.773

Combined SVM classifier:
Extracellular  0.749
OuterMembrane  0.230
Periplasmic  0.666
InnerMembrane  0.295
Cytoplasmic  3.060 *

SeqID: fig|6666666.171271.peg.890
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.335
Di-peptide   Cytoplasmic  0.352
part-Comp.   Cytoplasmic  0.538
chemo-typy  Cytoplasmic  0.423
Neighboring  Extracellular  0.699

Combined SVM classifier:
Extracellular  1.550 *
OuterMembrane  0.604
Periplasmic  0.561
InnerMembrane  0.559
Cytoplasmic  1.727 *
SeqID: fig|666666.171271.peg.891
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.263
Di-peptide  Cytoplasmic  0.725
part-Comp.  Cytoplasmic  0.443
chemo-typy  Cytoplasmic  0.965
Neighboring  Extracellular  0.440

Combined SVM classifier:
Extracellular  1.015
OuterMembrane  0.437
Periplasmic  0.585
InnerMembrane  0.233
Cytoplasmic  2.731 *

SeqID: fig|666666.171271.peg.892
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.617
Di-peptide  Cytoplasmic  0.747
part-Comp.  Extracellular  0.430
chemo-typy  Cytoplasmic  0.402
Neighboring  Cytoplasmic  0.667

Combined SVM classifier:
Extracellular  0.817
OuterMembrane  0.549
Periplasmic  0.737
InnerMembrane  0.148
Cytoplasmic  2.749 *

SeqID: fig|666666.171271.peg.893
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.464
Di-peptide  OuterMembrane  0.722
part-Comp.  OuterMembrane  0.323
chemo-typy  OuterMembrane  0.664
Neighboring  Cytoplasmic  0.334

Combined SVM classifier:
Extracellular  1.113
OuterMembrane  1.906 *
Periplasmic  0.731
InnerMembrane  0.120
Cytoplasmic  1.129

SeqID: fig|666666.171271.peg.894
CELLO prediction:
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Combined SVM classifier:

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<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.895

CELLO prediction:

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Combined SVM classifier:

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<td>OuterMembrane</td>
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SeqID: fig|6666666.171271.peg.896

CELLO prediction:

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Combined SVM classifier:

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<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.897

CELLO prediction:

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<td>Composition</td>
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chemo-typy
Periplasmic 0.568
Neighboring  Cytoplasmic 0.978

Combined SVM classifier:
Extracellular 0.282
OuterMembrane 0.108
Periplasmic 0.750
InnerMembrane 0.214
Cytoplasmic 3.646 *

SeqID: fig|6666666.171271.peg.898
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.557
Di-peptide Cytoplasmic 0.941
part-Comp. Cytoplasmic 0.591
chemo-typy Periplasmic 0.475
Neighboring OuterMembrane 0.411

Combined SVM classifier:
Extracellular 0.652
OuterMembrane 1.082
Periplasmic 0.699
InnerMembrane 0.274
Cytoplasmic 2.293 *

SeqID: fig|6666666.171271.peg.899
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.403
Di-peptide InnerMembrane 0.996
part-Comp. InnerMembrane 0.572
chemo-typy InnerMembrane 0.949
Neighboring InnerMembrane 0.972

Combined SVM classifier:
Extracellular 0.226
OuterMembrane 0.109
Periplasmic 0.305
InnerMembrane 3.891 *
Cytoplasmic 0.469

SeqID: fig|6666666.171271.peg.900
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.698
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.984
chemo-typy InnerMembrane 0.983
Neighboring InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.083  
OuterMembrane 0.056  
Periplasmic 0.102  
InnerMembrane 4.661 *  
Cytoplasmic 0.098

SeqID: fig|6666666.171271.peg.901
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.395  
Di-peptide OuterMembrane 0.732  
part-Comp. Extracellular 0.332  
chemo-typy OuterMembrane 0.639  
Neighboring OuterMembrane 0.360

Combined SVM classifier:
Extracellular 1.118  
OuterMembrane 2.439 *  
Periplasmic 0.340  
InnerMembrane 0.190  
Cytoplasmic 0.912

SeqID: fig|6666666.171271.peg.902
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.320  
Di-peptide OuterMembrane 0.623  
part-Comp. OuterMembrane 0.594  
chemo-typy OuterMembrane 0.426  
Neighboring OuterMembrane 0.432

Combined SVM classifier:
Extracellular 1.071  
OuterMembrane 2.395 *  
Periplasmic 1.051  
InnerMembrane 0.287  
Cytoplasmic 0.197

SeqID: fig|6666666.171271.peg.903
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.834  
Di-peptide Cytoplasmic 0.406  
part-Comp. Extracellular 0.583  
chemo-typy OuterMembrane 0.427  
Neighboring Cytoplasmic 0.878

Combined SVM classifier:
Extracellular 1.007  
OuterMembrane 0.722  
Periplasmic 0.477  
InnerMembrane 0.062
Cytoplasmic 2.733 *

SeqID: fig|6666666.171271.peg.904
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.967
Di-peptide  InnerMembrane  1.000
part-Comp.  InnerMembrane  0.999
chemo-typy  InnerMembrane  0.984
Neighboring  InnerMembrane  0.998

Combined SVM classifier:
Extracellular  0.011
OuterMembrane  0.012
Periplasmic  0.015
InnerMembrane  4.948 *
Cytoplasmic  0.014

SeqID: fig|6666666.171271.peg.905
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.746
Di-peptide  Cytoplasmic  0.670
part-Comp.  Cytoplasmic  0.818
chemo-typy  Cytoplasmic  0.873
Neighboring  Cytoplasmic  0.897

Combined SVM classifier:
Extracellular  0.211
OuterMembrane  0.278
Periplasmic  0.293
InnerMembrane  0.214
Cytoplasmic  4.005 *

SeqID: fig|6666666.171271.peg.906
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.894
Di-peptide  Cytoplasmic  0.850
part-Comp.  Cytoplasmic  0.936
chemo-typy  Cytoplasmic  0.941
Neighboring  Cytoplasmic  0.944

Combined SVM classifier:
Extracellular  0.030
OuterMembrane  0.034
Periplasmic  0.231
InnerMembrane  0.139
Cytoplasmic  4.565 *
SeqID: fig|6666666.171271.peg.907
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.757
Di-peptide Extracellular 0.407
part-Comp. Cytoplasmic 0.660
chemo-typy Cytoplasmic 0.791
Neighboring Cytoplasmic 0.955

Combined SVM classifier:
Extracellular 0.824
OuterMembrane 0.536
Periplasmic 0.254
InnerMembrane 0.064
Cytoplasmic 3.321 *

SeqID: fig|6666666.171271.peg.908
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.813
Di-peptide Cytoplasmic 0.955
part-Comp. Cytoplasmic 0.938
chemo-typy Cytoplasmic 0.731
Neighboring Cytoplasmic 0.982

Combined SVM classifier:
Extracellular 0.071
OuterMembrane 0.125
Periplasmic 0.255
InnerMembrane 0.130
Cytoplasmic 4.419 *

SeqID: fig|6666666.171271.peg.909
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.275
Di-peptide Cytoplasmic 0.878
part-Comp. Cytoplasmic 0.392
chemo-typy Periplasmic 0.865
Neighboring Extracellular 0.311

Combined SVM classifier:
Extracellular 0.821
OuterMembrane 0.434
Periplasmic 1.440 *
InnerMembrane 0.377
Cytoplasmic 1.928 *

SeqID: fig|6666666.171271.peg.910
CELLO prediction:
chemo-typy Cytoplasmic 0.441
Neighboring Cytoplasmic 0.505

Combined SVM classifier:
Extracellular 1.419
OuterMembrane 0.613
Periplasmic 0.487
InnerMembrane 0.216
Cytoplasmic 2.265 *

SeqID: fig|6666666.171271.peg.914
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.531
Di-peptide Cytoplasmic 0.436
part-Comp. Cytoplasmic 0.569
chemo-typy Cytoplasmic 0.459
Neighboring Cytoplasmic 0.845

Combined SVM classifier:
Extracellular 0.239
OuterMembrane 0.268
Periplasmic 0.330
InnerMembrane 1.324
Cytoplasmic 2.839 *

SeqID: fig|6666666.171271.peg.915
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.351
Di-peptide Cytoplasmic 0.763
part-Comp. Cytoplasmic 0.351
chemo-typy Cytoplasmic 0.589
Neighboring Extracellular 0.531

Combined SVM classifier:
Extracellular 1.139
OuterMembrane 0.889
Periplasmic 0.693
InnerMembrane 0.226
Cytoplasmic 2.054 *

SeqID: fig|6666666.171271.peg.916
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.403
Di-peptide Cytoplasmic 0.360
part-Comp. Cytoplasmic 0.422
chemo-typy Extracellular 0.723
Neighboring Cytoplasmic 0.814

Combined SVM classifier:
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<tr>
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<td>Periplasmic 0.504</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.918

CELLO prediction:

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Combined SVM classifier:

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<tr>
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SeqID: fig|6666666.171271.peg.919

CELLO prediction:

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<td>Neighboring</td>
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Combined SVM classifier:

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<td>OuterMembrane</td>
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<td>InnerMembrane</td>
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</table>

| SeqID: fig|6666666.171271.peg.921 |
|---|
| **CELLO prediction:** |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.590 |
| Di-peptide | Cytoplasmic | 0.862 |
| part-Comp. | Cytoplasmic | 0.670 |
| chemo-typy | Cytoplasmic | 0.844 |
| Neighboring | Extracellular | 0.489 |
| **Combined SVM classifier:** |
| Extracellular | 0.881 |
| OuterMembrane | 0.251 |
| Periplasmic | 0.415 |
| InnerMembrane | 0.180 |
| Cytoplasmic | 3.273 * |

| SeqID: fig|6666666.171271.peg.922 |
|---|
| **CELLO prediction:** |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.696 |
| Di-peptide | Cytoplasmic | 0.658 |
| part-Comp. | Periplasmic | 0.584 |
| chemo-typy | Cytoplasmic | 0.860 |
| Neighboring | Periplasmic | 0.645 |
| **Combined SVM classifier:** |
| Extracellular | 0.541 |
| OuterMembrane | 0.200 |
| Periplasmic | 2.204 * |
| InnerMembrane | 0.126 |
| Cytoplasmic | 1.928 * |
SeqID: fig|6666666.171271.peg.923
CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.870
Di-peptide Cytoplasmic 0.825
part-Comp. Cytoplasmic 0.979
chemo-typy Cytoplasmic 0.645
Neighboring Cytoplasmic 0.985

Combined SVM classifier:
Extracellular 0.190
OuterMembrane 0.202
Periplasmic 0.178
InnerMembrane 0.126
Cytoplasmic 4.304 *

SeqID: fig|6666666.171271.peg.924
CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.416
Di-peptide Cytoplasmic 0.584
part-Comp. Cytoplasmic 0.758
chemo-typy Cytoplasmic 0.954
Neighboring Cytoplasmic 0.661

Combined SVM classifier:
Extracellular 0.178
OuterMembrane 0.262
Periplasmic 0.260
InnerMembrane 0.928
Cytoplasmic 3.372 *

SeqID: fig|6666666.171271.peg.925
CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.656
Di-peptide Cytoplasmic 0.512
part-Comp. Cytoplasmic 0.750
chemo-typy Cytoplasmic 0.351
Neighboring Cytoplasmic 0.609

Combined SVM classifier:
Extracellular 0.651
OuterMembrane 0.968
Periplasmic 0.422
InnerMembrane 0.081
Cytoplasmic 2.878 *

SeqID: fig|6666666.171271.peg.926
CELLO prediction:
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<tbody>
<tr>
<td>Composition</td>
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<td>0.809</td>
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<tr>
<td>Di-peptide</td>
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<td>0.896</td>
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Combined SVM classifier:

<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.705</td>
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<tr>
<td>OuterMembrane</td>
<td>0.488</td>
</tr>
<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.161</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.213 *</td>
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</table>

SeqID: fig|6666666.171271.peg.927
 CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.834</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.939</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.607</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.806</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.939</td>
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Combined SVM classifier:

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<th>reliable-index</th>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.019</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.399</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>4.124 *</td>
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</table>

SeqID: fig|6666666.171271.peg.928
 CELLO prediction:

<table>
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<tr>
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.289</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.831</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.580</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.827</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.677</td>
</tr>
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Combined SVM classifier:

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<tr>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.672</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.361</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.503</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.260</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.205 *</td>
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</tbody>
</table>

SeqID: fig|6666666.171271.peg.929
 CELLO prediction:

<table>
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<th>reliable-index</th>
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</thead>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.680</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.737</td>
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<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.665</td>
</tr>
<tr>
<td>predictor</td>
<td>location</td>
<td>reliable-index</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
<td>----------------</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.406</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.723</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>Combined SVM classifier:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Extracellular</td>
<td>1.271</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.935</td>
<td></td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.448</td>
<td></td>
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<tr>
<td>InnerMembrane</td>
<td>0.114</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.231 *</td>
<td></td>
</tr>
</tbody>
</table>
| SeqID: fig|6666666.171271.peg.930 | | CELLO prediction:
| (predictor   | location     | reliable-index |
|             |              |                |
| Composition  | Periplasmic   | 0.270          |
| Di-peptide   | Periplasmic   | 0.488          |
| part-Comp.   | Cytoplasmic   | 0.381          |
| chemo-typy   | Cytoplasmic   | 0.972          |
| Neighboring  | Cytoplasmic   | 0.367          |
| Combined SVM classifier: | | |
| Extracellular | 0.787         |
| OuterMembrane  | 0.560         |
| Periplasmic    | 1.185         |
| InnerMembrane  | 0.322         |
| Cytoplasmic    | 2.146 *       |
| SeqID: fig|6666666.171271.peg.931 | | CELLO prediction:
| (predictor   | location     | reliable-index |
|             |              |                |
| Composition  | InnerMembrane | 0.442          |
| Di-peptide   | InnerMembrane | 0.525          |
| part-Comp.   | InnerMembrane | 0.513          |
| chemo-typy   | Periplasmic   | 0.555          |
| Neighboring  | Extracellular | 0.503          |
| Combined SVM classifier: | | |
| Extracellular | 1.091         |
| OuterMembrane  | 0.440         |
| Periplasmic    | 1.072         |
| InnerMembrane  | 0.513         |
| Cytoplasmic    | 1.884 *       |
| SeqID: fig|6666666.171271.peg.932 | | CELLO prediction:
| (predictor   | location     | reliable-index |
|             |              |                |
| Composition  | InnerMembrane | 0.444          |
| Di-peptide   | InnerMembrane | 0.998          |
| part-Comp.   | InnerMembrane | 0.440          |
| chemo-typy   | InnerMembrane | 0.999          |
| Neighboring  | InnerMembrane | 0.733          |
| Combined SVM classifier: | | |
Extracellular  0.261
OuterMembrane  0.193
Periplasmic    0.297
InnerMembrane  3.612 *
Cytoplasmic    0.637

***************************************************************************
******
SeqID:  fig|6666666.171271.peg.933
CELLO prediction:
(predictor   location  reliable-index)
Composition  Cytoplasmic  0.290
Di-peptide   Cytoplasmic  0.807
part-Comp.   Cytoplasmic  0.448
chemo-typy   Cytoplasmic  0.913
Neighboring  Extracellular  0.449

Combined SVM classifier:
Extracellular  0.934
OuterMembrane  0.373
Periplasmic    0.740
InnerMembrane  0.298
Cytoplasmic    2.655 *

***************************************************************************
******
SeqID:  fig|6666666.171271.peg.934
CELLO prediction:
(predictor   location  reliable-index)
Composition  Cytoplasmic  0.389
Di-peptide   Cytoplasmic  0.752
part-Comp.   Cytoplasmic  0.375
chemo-typy   Periplasmic  0.452
Neighboring  Cytoplasmic  0.654

Combined SVM classifier:
Extracellular  0.765
OuterMembrane  0.557
Periplasmic    0.877
InnerMembrane  0.288
Cytoplasmic    2.513 *

***************************************************************************
******
SeqID:  fig|6666666.171271.peg.935
CELLO prediction:
(predictor   location  reliable-index)
Composition  Cytoplasmic  0.831
Di-peptide   Cytoplasmic  0.724
part-Comp.   Cytoplasmic  0.919
chemo-typy   Cytoplasmic  0.979
Neighboring  Cytoplasmic  0.637

Combined SVM classifier:
Extracellular  0.091
OuterMembrane  0.047
Periplasmic    0.467
InnerMembrane  0.307
Cytoplasmic  4.089 *

******

SeqID: fig|6666666.171271.peg.936

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.933
Di-peptide    Cytoplasmic  0.933
part-Comp.    Cytoplasmic  0.876
chemo-typy    Periplasmic  0.367
Neighboring   Cytoplasmic  0.822

Combined SVM classifier:
Extracellular  0.366
OuterMembrane  0.096
Periplasmic     0.455
InnerMembrane  0.182
Cytoplasmic    3.902 *

******

SeqID: fig|6666666.171271.peg.937

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.544
Di-peptide    Cytoplasmic  0.938
part-Comp.    Cytoplasmic  0.782
chemo-typy    Cytoplasmic  0.867
Neighboring   Cytoplasmic  0.753

Combined SVM classifier:
Extracellular  0.303
OuterMembrane  0.459
Periplasmic     0.240
InnerMembrane  0.113
Cytoplasmic    3.884 *

******

SeqID: fig|6666666.171271.peg.938

CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.885
Di-peptide    OuterMembrane  0.594
part-Comp.    Cytoplasmic   0.606
chemo-typy    OuterMembrane  0.363
Neighboring   Cytoplasmic   0.400

Combined SVM classifier:
Extracellular  0.445
OuterMembrane  2.250 *
Periplasmic     0.359
InnerMembrane  0.531
Cytoplasmic    1.415
SeqID: fig|6666666.171271.peg.939
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.355
Di-peptide Cytoplasmic 0.772
part-Comp. Cytoplasmic 0.365
chemo-typy Cytoplasmic 0.468
Neighboring Extracellular 0.418

Combined SVM classifier:
Extracellular 1.303
OuterMembrane 0.426
Periplasmic 0.750
InnerMembrane 0.290
Cytoplasmic 2.231 *

SeqID: fig|6666666.171271.peg.940
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.435
Di-peptide Cytoplasmic 0.537
part-Comp. Cytoplasmic 0.739
chemo-typy Cytoplasmic 0.462
Neighboring Cytoplasmic 0.632

Combined SVM classifier:
Extracellular 0.494
OuterMembrane 0.888
Periplasmic 0.620
InnerMembrane 0.193
Cytoplasmic 2.805 *

SeqID: fig|6666666.171271.peg.941
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.446
Di-peptide Cytoplasmic 0.642
part-Comp. Cytoplasmic 0.691
chemo-typy Cytoplasmic 0.711
Neighboring Cytoplasmic 0.900

Combined SVM classifier:
Extracellular 0.571
OuterMembrane 0.297
Periplasmic 0.350
InnerMembrane 0.393
Cytoplasmic 3.390 *

SeqID: fig|6666666.171271.peg.942
CELLO prediction:
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.544
Di-peptide Cytoplasmic 0.995
part-Comp. Cytoplasmic 0.867
chemo-typy Cytoplasmic 0.998
Neighboring Cytoplasmic 0.893

Combined SVM classifier:
Extracellular 0.191
OuterMembrane 0.091
Periplasmic 0.104
InnerMembrane 0.318
Cytoplasmic 4.296 *

SeqID: fig|6666666.171271.peg.943

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.932
Di-peptide Cytoplasmic 0.980
part-Comp. Cytoplasmic 0.995
chemo-typy Cytoplasmic 0.995
Neighboring Cytoplasmic 0.982

Combined SVM classifier:
Extracellular 0.006
OuterMembrane 0.004
Periplasmic 0.091
InnerMembrane 0.016
Cytoplasmic 4.883 *

SeqID: fig|6666666.171271.peg.944

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.555
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.696
Neighboring Extracellular 0.330

Combined SVM classifier:
Extracellular 0.965
OuterMembrane 0.304
Periplasmic 1.008
InnerMembrane 0.575
Cytoplasmic 2.148 *

SeqID: fig|6666666.171271.peg.945

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.323
Di-peptide Cytoplasmic 0.891
part-Comp. Cytoplasmic 0.504
SeqID: fig|6666666.171271.peg.946
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.704
Di-peptide  OuterMembrane  0.608
part-Comp.  Cytoplasmic  0.961
chemo-typy  Periplasmic  0.312
Neighboring  Cytoplasmic  0.899

Combined SVM classifier:
Extracellular  0.417
OuterMembrane  0.989
Periplasmic  0.351
InnerMembrane  0.185
Cytoplasmic  3.058 *

SeqID: fig|6666666.171271.peg.947
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.280
Di-peptide  Extracellular  0.366
part-Comp.  Extracellular  0.353
chemo-typy  Periplasmic  0.645
Neighboring  Extracellular  0.358

Combined SVM classifier:
Extracellular  1.332 *
OuterMembrane  0.876
Periplasmic  1.427 *
InnerMembrane  0.274
Cytoplasmic  1.091 *

SeqID: fig|6666666.171271.peg.948
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.257
Di-peptide  Cytoplasmic  0.713
part-Comp.  Cytoplasmic  0.498
chemo-typy  Cytoplasmic  0.519
Neighboring  Cytoplasmic  0.566

Combined SVM classifier:
Extracellular 0.561
OuterMembrane 0.496
Periplasmic 0.585
InnerMembrane 0.805
Cytoplasmic 2.552 *

SeqID: fig|6666666.171271.peg.949
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.989
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.995
Neighboring InnerMembrane 0.966

Combined SVM classifier:
Extracellular 0.005
OuterMembrane 0.007
Periplasmic 0.011
InnerMembrane 4.949 *
Cytoplasmic 0.029

SeqID: fig|6666666.171271.peg.950
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.638
Di-peptide Cytoplasmic 0.697
part-Comp. Cytoplasmic 0.799
chemo-typy Cytoplasmic 0.730
Neighboring Cytoplasmic 0.974

Combined SVM classifier:
Extracellular 0.103
OuterMembrane 0.628
Periplasmic 0.340
InnerMembrane 0.091
Cytoplasmic 3.839 *

SeqID: fig|6666666.171271.peg.951
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.497
Di-peptide Cytoplasmic 0.689
part-Comp. Cytoplasmic 0.833
chemo-typy Periplasmic 0.528
Neighboring Cytoplasmic 0.888

Combined SVM classifier:
Extracellular 0.329
OuterMembrane 0.373
Periplasmic 0.822
InnerMembrane 0.125
**SeqID: fig|6666666.171271.peg.952**

**CELLO prediction:**

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<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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**Combined SVM classifier:**

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<tbody>
<tr>
<td>Extracellular</td>
<td>0.032</td>
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<tr>
<td>OuterMembrane</td>
<td>0.024</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.039</td>
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<tr>
<td>InnerMembrane</td>
<td>4.854</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.051</td>
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**SeqID: fig|6666666.171271.peg.953**

**CELLO prediction:**

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<td>Composition</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.667</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.850</td>
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**Combined SVM classifier:**

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<th>Reliability</th>
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<tbody>
<tr>
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<td>1.708</td>
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<tr>
<td>OuterMembrane</td>
<td>1.542</td>
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<tr>
<td>Periplasmic</td>
<td>0.488</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.954**

**CELLO prediction:**

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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.484</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.780</td>
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**Combined SVM classifier:**

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<th>Reliability</th>
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<tbody>
<tr>
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<td>0.744</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.814</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.533</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.207</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.703</td>
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SeqID: fig|666666.171271.peg.955
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.300
Di-peptide Cytoplasmic 0.900
part-Comp. Cytoplasmic 0.590
chemo-typy Periplasmic 0.563
Neighboring Cytoplasmic 0.796

Combined SVM classifier:
Extracellular 0.389
OuterMembrane 0.167
Periplasmic 0.905
InnerMembrane 0.618
Cytoplasmic 2.920 *

SeqID: fig|666666.171271.peg.956
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.915
part-Comp. Cytoplasmic 0.373
chemo-typy Periplasmic 0.576
Neighboring Cytoplasmic 0.520

Combined SVM classifier:
Extracellular 0.812
OuterMembrane 0.225
Periplasmic 1.236
InnerMembrane 0.347
Cytoplasmic 2.381 *

SeqID: fig|666666.171271.peg.957
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.489
Di-peptide Cytoplasmic 0.778
part-Comp. Cytoplasmic 0.653
chemo-typy Periplasmic 0.384
Neighboring OuterMembrane 0.498

Combined SVM classifier:
Extracellular 0.961
OuterMembrane 1.109
Periplasmic 0.529
InnerMembrane 0.140
Cytoplasmic 2.261 *

SeqID: fig|666666.171271.peg.958
CELLO prediction:
### CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.959

### CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.960

### CELLO prediction:

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<td>Di-peptide</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.961

### CELLO prediction:

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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>part-Comp.</td>
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chemo-typy  Periplasmic  0.324
Neighboring  OuterMembrane  0.261

Combined SVM classifier:
Extracellular  0.992
OuterMembrane  0.616
Periplasmic  1.204 *
InnerMembrane  1.142 *
Cytoplasmic  1.047 *

SeqID: fig|6666666.171271.peg.962
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.959
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  0.994
chemo-typy   InnerMembrane  0.997
Neighboring  InnerMembrane  0.985

Combined SVM classifier:
Extracellular  0.015
OuterMembrane  0.012
Periplasmic  0.015
InnerMembrane  4.934 *
Cytoplasmic  0.024

SeqID: fig|6666666.171271.peg.963
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.630
Di-peptide   Cytoplasmic  0.917
part-Comp.   Cytoplasmic  0.860
chemo-typy   Cytoplasmic  0.874
Neighboring  Cytoplasmic  0.799

Combined SVM classifier:
Extracellular  0.332
OuterMembrane  0.165
Periplasmic  0.250
InnerMembrane  0.172
Cytoplasmic  4.080 *

SeqID: fig|6666666.171271.peg.964
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.842
Di-peptide   Cytoplasmic  0.957
part-Comp.   Cytoplasmic  0.931
chemo-typy   Cytoplasmic  0.943
Neighboring  Cytoplasmic  0.935

Combined SVM classifier:
Extracellular 0.178
OuterMembrane 0.040
Periplasmic 0.063
InnerMembrane 0.111
Cytoplasmic 4.608 *

SeqID: fig|6666666.171271.peg.965
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.781
Di-peptide Cytoplasmic 0.464
part-Comp. Cytoplasmic 0.725
chemo-typy Cytoplasmic 0.863
Neighboring Cytoplasmic 0.910

Combined SVM classifier:
Extracellular 0.355
OuterMembrane 0.557
Periplasmic 0.192
InnerMembrane 0.153
Cytoplasmic 3.743 *

SeqID: fig|6666666.171271.peg.966
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.655
Di-peptide Cytoplasmic 0.797
part-Comp. Cytoplasmic 0.460
chemo-typy Cytoplasmic 0.874
Neighboring Cytoplasmic 0.518

Combined SVM classifier:
Extracellular 0.553
OuterMembrane 0.272
Periplasmic 0.526
InnerMembrane 0.345
Cytoplasmic 3.305 *

SeqID: fig|6666666.171271.peg.967
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.434
Di-peptide OuterMembrane 0.875
part-Comp. OuterMembrane 0.832
chemo-typy Extracellular 0.520
Neighboring OuterMembrane 0.940

Combined SVM classifier:
Extracellular 0.941
OuterMembrane 3.245 *
Periplasmic 0.375
InnerMembrane 0.162
Cytoplasmic 0.277

*****
SeqID: fig|6666666.171271.peg.968
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.904
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.720
chemo-typy InnerMembrane 0.985
Neighboring InnerMembrane 0.921

Combined SVM classifier:
Extracellular 0.075
OuterMembrane 0.061
Periplasmic 0.092
InnerMembrane 4.528 *
Cytoplasmic 0.244

*****
SeqID: fig|6666666.171271.peg.969
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.259
Di-peptide OuterMembrane 0.380
part-Comp. Extracellular 0.273
chemo-typy Extracellular 0.481
Neighboring OuterMembrane 0.636

Combined SVM classifier:
Extracellular 1.440 *
OuterMembrane 1.424 *
Periplasmic 0.998
InnerMembrane 0.365
Cytoplasmic 0.773

*****
SeqID: fig|6666666.171271.peg.970
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.636
Di-peptide Cytoplasmic 0.646
part-Comp. Cytoplasmic 0.699
chemo-typy Cytoplasmic 0.956
Neighboring Cytoplasmic 0.919

Combined SVM classifier:
Extracellular 0.243
OuterMembrane 0.473
Periplasmic 0.244
InnerMembrane 0.185
Cytoplasmic 3.856 *
SeqID: fig|6666666.171271.peg.971
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.837
Di-peptide Cytoplasmic 0.802
part-Comp. Cytoplasmic 0.951
chemo-typy Cytoplasmic 0.811
Neighboring Cytoplasmic 0.925

Combined SVM classifier:
Extracellular 0.256
OuterMembrane 0.230
Periplasmic 0.147
InnerMembrane 0.041
Cytoplasmic 4.326 *

SeqID: fig|6666666.171271.peg.972
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.273
Di-peptide Cytoplasmic 0.453
part-Comp. Cytoplasmic 0.342
chemo-typy Cytoplasmic 0.816
Neighboring Cytoplasmic 0.371

Combined SVM classifier:
Extracellular 0.810
OuterMembrane 0.342
Periplasmic 1.223
InnerMembrane 0.406
Cytoplasmic 2.219 *

SeqID: fig|6666666.171271.peg.973
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.464
Di-peptide Cytoplasmic 0.807
part-Comp. Cytoplasmic 0.879
chemo-typy Cytoplasmic 0.975
Neighboring Cytoplasmic 0.829

Combined SVM classifier:
Extracellular 0.323
OuterMembrane 0.264
Periplasmic 0.275
InnerMembrane 0.183
Cytoplasmic 3.955 *

SeqID: fig|6666666.171271.peg.974
CELLO prediction:
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<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.511</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.763</td>
</tr>
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</table>

Combined SVM classifier:
- Extracellular: 0.232
- OuterMembrane: 0.560
- Periplasmic: 1.044
- InnerMembrane: 0.340
- Cytoplasmic: 2.825 *

SeqID: fig|6666666.171271.peg.975

CELLO prediction:

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<td>chemo-typy</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.422</td>
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</table>

Combined SVM classifier:
- Extracellular: 1.147 *
- OuterMembrane: 1.466 *
- Periplasmic: 0.581
- InnerMembrane: 0.214
- Cytoplasmic: 1.591 *

SeqID: fig|6666666.171271.peg.976

CELLO prediction:

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<tr>
<td>Composition</td>
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<td>OuterMembrane</td>
<td>0.913</td>
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Combined SVM classifier:
- Extracellular: 0.393
- OuterMembrane: 3.684 *
- Periplasmic: 0.456
- InnerMembrane: 0.201
- Cytoplasmic: 0.266

SeqID: fig|6666666.171271.peg.977

CELLO prediction:

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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
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<td>OuterMembrane</td>
<td>0.650</td>
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chemo-typy  Extracellular  0.370
              Neighboring  OuterMembrane  0.852

Combined SVM classifier:
              Extracellular  0.808
              OuterMembrane  2.728 *
              Periplasmic  0.455
              InnerMembrane  0.334
              Cytoplasmic  0.675

***************************************************************************
******
SeqID: fig|6666666.171271.peg.978
CELLO prediction:
  (predictor   location      reliable-index)
Composition Cytoplasmic  0.453
Di-peptide OuterMembrane  0.740
part-Comp.  Cytoplasmic  0.804
chemo-typy  Periplasmic  0.593
              Neighboring  OuterMembrane  0.503

Combined SVM classifier:
              Extracellular  0.395
              OuterMembrane  1.500 *
              Periplasmic  0.794
              InnerMembrane  0.522
              Cytoplasmic  1.790 *

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******
SeqID: fig|6666666.171271.peg.979
CELLO prediction:
  (predictor   location      reliable-index)
Composition Periplasmic  0.262
Di-peptide Extracellular  0.621
part-Comp.  Extracellular  0.454
chemo-typy  Extracellular  0.681
              Neighboring  OuterMembrane  0.743

Combined SVM classifier:
              Extracellular  2.211 *
              OuterMembrane  1.866 *
              Periplasmic  0.352
              InnerMembrane  0.194
              Cytoplasmic  0.377

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******
SeqID: fig|6666666.171271.peg.980
CELLO prediction:
  (predictor   location     reliable-index)
Composition OuterMembrane  0.345
Di-peptide OuterMembrane  0.458
part-Comp. OuterMembrane  0.686
chemo-typy OuterMembrane  0.551
              Neighboring  OuterMembrane  0.608

Combined SVM classifier:
Extracellular  1.168
OuterMembrane  2.648 *
Periplasmic     0.361
InnerMembrane  0.544
Cytoplasmic    0.278

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SeqID: fig|6666666.171271.peg.981
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane  0.382
Di-peptide OuterMembrane  0.654
part-Comp. Cytoplasmic    0.374
chemo-typy Extracellular  0.503
Neighboring OuterMembrane 0.422

Combined SVM classifier:
Extracellular  1.210 *
OuterMembrane 1.621 *
Periplasmic    0.497
InnerMembrane 0.522
Cytoplasmic   1.150 *

----------

SeqID: fig|6666666.171271.peg.982
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.533
Di-peptide  Cytoplasmic  0.519
part-Comp.  Cytoplasmic  0.796
chemo-typy  Cytoplasmic  0.393
Neighboring Cytoplasmic  0.833

Combined SVM classifier:
Extracellular  0.504
OuterMembrane 0.562
Periplasmic    0.673
InnerMembrane 0.188
Cytoplasmic   3.073 *

----------

SeqID: fig|6666666.171271.peg.983
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.731
Di-peptide  Cytoplasmic  0.903
part-Comp.  Cytoplasmic  0.790
chemo-typy  Cytoplasmic  0.437
Neighboring Cytoplasmic  0.960

Combined SVM classifier:
Extracellular  0.391
OuterMembrane 0.444
Periplasmic    0.272
InnerMembrane 0.071
Cytoplasmic 3.822 *

SeqID: fig|6666666.171271.peg.984
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 1.000
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.992
chemo-typy InnerMembrane 0.971
Neighboring InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.006
OuterMembrane 0.015
Periplasmic 0.011
InnerMembrane 4.961 *
Cytoplasmic 0.006

SeqID: fig|6666666.171271.peg.985
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.749
Di-peptide Cytoplasmic 0.949
part-Comp. Cytoplasmic 0.834
chemo-typy Periplasmic 0.627
Neighboring Cytoplasmic 0.851

Combined SVM classifier:
Extracellular 0.080
OuterMembrane 0.084
Periplasmic 0.956
InnerMembrane 0.196
Cytoplasmic 3.684 *

SeqID: fig|6666666.171271.peg.986
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.548
Di-peptide Cytoplasmic 0.811
part-Comp. Cytoplasmic 0.860
chemo-typy Cytoplasmic 0.883
Neighboring Cytoplasmic 0.773

Combined SVM classifier:
Extracellular 0.087
OuterMembrane 0.067
Periplasmic 0.940
InnerMembrane 0.151
Cytoplasmic 3.755 *
**CELLO prediction:**

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**Combined SVM classifier:**

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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**CELLO prediction:**

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<td>Composition</td>
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<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<th>reliable-index</th>
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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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</table>

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.764</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.708</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.853</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.480</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.879</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.272</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.256</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.543</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>1.037</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.892 *</td>
</tr>
</tbody>
</table>
(predictor | location | reliable-index)
Composition   OuterMembrane  0.645
Di-peptide    OuterMembrane  0.756
part-Comp.    OuterMembrane  0.672
diho-tyyp     OuterMembrane  0.715
Neighboring   OuterMembrane  0.952

Combined SVM classifier:
Extracellular  0.593
OuterMembrane  3.740 *
Periplasmic     0.337
InnerMembrane  0.149
Cytoplasmic    0.180

SeqID: fig|6666666.171271.peg.991
CELLO prediction:
(predictor | location | reliable-index)
Composition   Periplasmic  0.336
Di-peptide    Cytoplasmic  0.598
part-Comp.    Periplasmic  0.353
diho-tyyp     Cytoplasmic  0.958
Neighboring   Extracellular 0.470

Combined SVM classifier:
Extracellular  1.047
OuterMembrane  0.340
Periplasmic     1.215
InnerMembrane  0.151
Cytoplasmic    2.247 *

SeqID: fig|6666666.171271.peg.992
CELLO prediction:
(predictor | location | reliable-index)
Composition   Cytoplasmic  0.552
Di-peptide    OuterMembrane 0.520
part-Comp.    Cytoplasmic  0.501
diho-tyyp     Periplasmic  0.803
Neighboring   Cytoplasmic  0.912

Combined SVM classifier:
Extracellular  0.259
OuterMembrane  0.871
Periplasmic     0.917
InnerMembrane  0.683
Cytoplasmic    2.269 *

SeqID: fig|6666666.171271.peg.993
CELLO prediction:
(predictor | location | reliable-index)
Composition   Cytoplasmic  0.510
Di-peptide    Cytoplasmic  0.983
part-Comp.    Cytoplasmic  0.762
<table>
<thead>
<tr>
<th>predictor</th>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.901</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.945</td>
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Combined SVM classifier:

<table>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.275</td>
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<tr>
<td>OuterMembrane</td>
<td>0.159</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.308</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.158</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.100 *</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.994

CELLO prediction:

<table>
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<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.961</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.995</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.838</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.969</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.966</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.021</td>
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<tr>
<td>OuterMembrane</td>
<td>0.174</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.033</td>
</tr>
<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.995

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.955</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.975</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.878</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.962</td>
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Combined SVM classifier:

<table>
<thead>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.008</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.037</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.147</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.090</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.718 *</td>
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</tbody>
</table>

SeqID: fig|6666666.171271.peg.996

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.661</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.956</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.698</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.845</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.850</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
Extracellular 0.231
OuterMembrane 0.303
Periplasmic 0.173
InnerMembrane 0.284
Cytoplasmic 4.010 *

SeqID: fig|6666666.171271.peg.997
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.670
Di-peptide OuterMembrane 0.832
part-Comp. OuterMembrane 0.695
chemo-typy OuterMembrane 0.576
Neighboring OuterMembrane 0.951

Combined SVM classifier:
Extracellular 0.774
OuterMembrane 3.724 *
Periplasmic 0.455
InnerMembrane 0.009
Cytoplasmic 0.038

SeqID: fig|6666666.171271.peg.998
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.674
Di-peptide Cytoplasmic 0.998
part-Comp. Cytoplasmic 0.982
chemo-typy Cytoplasmic 0.843
Neighboring Cytoplasmic 0.930

Combined SVM classifier:
Extracellular 0.096
OuterMembrane 0.063
Periplasmic 0.221
InnerMembrane 0.193
Cytoplasmic 4.427 *

SeqID: fig|6666666.171271.peg.999
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.957
Di-peptide Cytoplasmic 0.986
part-Comp. Cytoplasmic 0.937
chemo-typy Cytoplasmic 0.513
Neighboring Cytoplasmic 0.892

Combined SVM classifier:
Extracellular 0.258
OuterMembrane 0.174
Periplasmic 0.212
InnerMembrane 0.072
****
SeqID: fig|6666666.171271.peg.1000
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.263
Di-peptide InnerMembrane 0.990
part-Comp. Cytoplasmic 0.374
chemo-typy InnerMembrane 0.936
Neighboring InnerMembrane 0.604

Combined SVM classifier:
Extracellular 0.379
OuterMembrane 0.223
Periplasmic 0.438
InnerMembrane 3.093 *
Cytoplasmic 0.867

****
SeqID: fig|6666666.171271.peg.1001
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.289
Di-peptide InnerMembrane 0.713
part-Comp. Cytoplasmic 0.347
chemo-typy InnerMembrane 0.579
Neighboring OuterMembrane 0.308

Combined SVM classifier:
Extracellular 0.836
OuterMembrane 0.541
Periplasmic 0.774
InnerMembrane 1.842 *
Cytoplasmic 1.007

****
SeqID: fig|6666666.171271.peg.1002
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.483
Di-peptide OuterMembrane 0.916
part-Comp. OuterMembrane 0.362
chemo-typy Extracellular 0.430
Neighboring OuterMembrane 0.668

Combined SVM classifier:
Extracellular 0.884
OuterMembrane 2.489 *
Periplasmic 1.091
InnerMembrane 0.261
Cytoplasmic 0.276
SeqID: fig|6666666.171271.peg.1003
CELLO prediction:

(predictor     location     reliable-index)
Composition     Cytoplasmic  0.466
Di-peptide     Cytoplasmic  0.978
part-Comp.     Cytoplasmic  0.919
chemo-typy     Cytoplasmic  0.986
Neighboring    Cytoplasmic  0.915

Combined SVM classifier:
Extracellular  0.287
OuterMembrane  0.107
Periplasmic    0.198
InnerMembrane  0.144
Cytoplasmic    4.264 *

SeqID: fig|6666666.171271.peg.1004
CELLO prediction:

(predictor     location     reliable-index)
Composition     Cytoplasmic  0.552
Di-peptide     Cytoplasmic  0.943
part-Comp.     Cytoplasmic  0.769
chemo-typy     Cytoplasmic  0.933
Neighboring    Cytoplasmic  0.952

Combined SVM classifier:
Extracellular  0.099
OuterMembrane  0.599
Periplasmic    0.057
InnerMembrane  0.096
Cytoplasmic    4.149 *

SeqID: fig|6666666.171271.peg.1005
CELLO prediction:

(predictor     location     reliable-index)
Composition     Cytoplasmic  0.968
Di-peptide     Cytoplasmic  0.933
part-Comp.     Cytoplasmic  0.996
chemo-typy     Cytoplasmic  0.662
Neighboring    Cytoplasmic  0.998

Combined SVM classifier:
Extracellular  0.048
OuterMembrane  0.186
Periplasmic    0.151
InnerMembrane  0.058
Cytoplasmic    4.556 *

SeqID: fig|6666666.171271.peg.1006
CELLO prediction:
<table>
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<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1007</th>
<th>CELLO prediction:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane 0.453</td>
<td>Di-peptide</td>
</tr>
<tr>
<td>Combined SVM classifier:</td>
<td>Extracellular 0.180</td>
<td>OuterMembrane 0.511</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1008</th>
<th>CELLO prediction:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane 0.566</td>
<td>Di-peptide</td>
</tr>
<tr>
<td>Combined SVM classifier:</td>
<td>Extracellular 0.442</td>
<td>OuterMembrane 1.366</td>
</tr>
</tbody>
</table>

<table>
<thead>
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<th>CELLO prediction:</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane 0.438</td>
<td>Di-peptide</td>
</tr>
<tr>
<td>predictor</td>
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<td>reliable-index</td>
</tr>
<tr>
<td>-----------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.628</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.376</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.943
- OuterMembrane: 2.227
- Periplasmic: 0.221
- InnerMembrane: 0.228
- Cytoplasmic: 1.380

SeqID: fig|6666666.171271.peg.1010

**CELLO prediction:**

- Composition: Periplasmic 0.253
- Di-peptide: OuterMembrane 0.670
- part-Comp.: Cytoplasmic 0.290
- chemo-typy: Cytoplasmic 0.459
- Neighboring: Extracellular 0.470

**Combined SVM classifier:**

- Extracellular: 1.119
- OuterMembrane: 1.091
- Periplasmic: 1.266
- InnerMembrane: 0.275
- Cytoplasmic: 1.249

SeqID: fig|6666666.171271.peg.1011

**CELLO prediction:**

- Composition: Cytoplasmic 0.953
- Di-peptide: Cytoplasmic 0.362
- part-Comp.: Cytoplasmic 0.975
- chemo-typy: OuterMembrane 0.270
- Neighboring: Cytoplasmic 0.990

**Combined SVM classifier:**

- Extracellular: 0.235
- OuterMembrane: 0.448
- Periplasmic: 0.300
- InnerMembrane: 0.578
- Cytoplasmic: 3.439

SeqID: fig|6666666.171271.peg.1012

**CELLO prediction:**

- Composition: Cytoplasmic 0.373
- Di-peptide: Cytoplasmic 0.732
- part-Comp.: Cytoplasmic 0.852
- chemo-typy: Cytoplasmic 0.974
- Neighboring: Cytoplasmic 0.800

**Combined SVM classifier:**
<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.383</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.334</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.370</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.181</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.731</td>
</tr>
</tbody>
</table>

CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.648
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.747
Neighboring Cytoplasmic 0.460

Combined SVM classifier:
Extracellular 0.689
OuterMembrane 0.250
Periplasmic 1.035
InnerMembrane 0.578
Cytoplasmic 2.448

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.526
Di-peptide Periplasmic 0.418
part-Comp. Cytoplasmic 0.425
chemo-typy Cytoplasmic 0.885
Neighboring Cytoplasmic 0.588

Combined SVM classifier:
Extracellular 0.588
OuterMembrane 0.697
Periplasmic 0.812
InnerMembrane 0.298
Cytoplasmic 2.604 *

SeqID: fig|6666666.171271.peg.1016
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.311
Di-peptide  OuterMembrane  0.586
part-Comp.  Extracellular  0.840
chemo-typy  Extracellular  0.528
Neighboring  Extracellular  0.537

Combined SVM classifier:
Extracellular  2.334 *
OuterMembrane  0.969
Periplasmic  0.410
InnerMembrane  0.143
Cytoplasmic  1.145

SeqID: fig|6666666.171271.peg.1017
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.819
Di-peptide  Cytoplasmic  0.767
part-Comp.  Periplasmic  0.648
chemo-typy  OuterMembrane  0.436
Neighboring  Cytoplasmic  0.975

Combined SVM classifier:
Extracellular  0.046
OuterMembrane  0.456
Periplasmic  1.336
InnerMembrane  0.045
Cytoplasmic  3.117 *

SeqID: fig|6666666.171271.peg.1018
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.850
Di-peptide  Cytoplasmic  0.866
part-Comp.  Cytoplasmic  0.860
chemo-typy  Cytoplasmic  0.732
Neighboring  Cytoplasmic  0.931

Combined SVM classifier:
Extracellular  0.306
OuterMembrane  0.075
Periplasmic  0.309
InnerMembrane  0.070
Cytoplasmic  4.239 *
SeqID: fig|6666666.171271.peg.1019

CELLO prediction:

(predictor     location     reliable-index)
Composition    Cytoplasmic  0.890
Di-peptide     Cytoplasmic  0.996
part-Comp.     Cytoplasmic  0.958
chemo-typy     Cytoplasmic  0.935
Neighboring    Cytoplasmic  0.994

Combined SVM classifier:
Extracellular     0.037
OuterMembrane    0.032
Periplasmic       0.099
InnerMembrane    0.059
Cytoplasmic       4.774 *

SeqID: fig|6666666.171271.peg.1020

CELLO prediction:

(predictor     location     reliable-index)
Composition    Cytoplasmic  0.460
Di-peptide     Periplasmic  0.745
part-Comp.     Cytoplasmic  0.465
chemo-typy     Cytoplasmic  0.824
Neighboring    Cytoplasmic  0.522

Combined SVM classifier:
Extracellular     0.498
OuterMembrane    0.136
Periplasmic       1.676
InnerMembrane    0.220
Cytoplasmic       2.470 *

SeqID: fig|6666666.171271.peg.1021

CELLO prediction:

(predictor     location     reliable-index)
Composition    InnerMembrane 0.997
Di-peptide     InnerMembrane 1.000
part-Comp.     InnerMembrane 1.000
chemo-typy     InnerMembrane 0.977
Neighboring    InnerMembrane 0.996

Combined SVM classifier:
Extracellular     0.005
OuterMembrane    0.008
Periplasmic       0.010
InnerMembrane    4.970 *
Cytoplasmic       0.008

SeqID: fig|6666666.171271.peg.1022

CELLO prediction:
| SeqID: fig|6666666.171271.peg.1023 |
|-----------|
| **CELLO prediction:** |
| (predictor location reliable-index) |
| Composition Cytoplasmic 0.409 |
| Di-peptide Cytoplasmic 0.729 |
| part-Comp. Cytoplasmic 0.488 |
| chemo-typy Cytoplasmic 0.900 |
| Neighboring Cytoplasmic 0.606 |
| **Combined SVM classifier:** |
| Extracellular 0.480 |
| OuterMembrane 0.110 |
| Periplasmic 0.853 |
| InnerMembrane 0.425 |
| Cytoplasmic 3.132 * |

| SeqID: fig|6666666.171271.peg.1024 |
|-----------|
| **CELLO prediction:** |
| (predictor location reliable-index) |
| Composition Cytoplasmic 0.802 |
| Di-peptide Cytoplasmic 0.981 |
| part-Comp. Cytoplasmic 0.729 |
| chemo-typy Cytoplasmic 0.993 |
| Neighboring Cytoplasmic 0.813 |
| **Combined SVM classifier:** |
| Extracellular 0.288 |
| OuterMembrane 0.081 |
| Periplasmic 0.170 |
| InnerMembrane 0.144 |
| Cytoplasmic 4.317 * |

| SeqID: fig|6666666.171271.peg.1025 |
|-----------|
| **CELLO prediction:** |
| (predictor location reliable-index) |
| Composition InnerMembrane 0.893 |
| Di-peptide InnerMembrane 1.000 |
| part-Comp. InnerMembrane 0.961 |
SeqID: fig|6666666.171271.peg.1026

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.262
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.471
cheto-typy Cytoplasmic 0.958
Neighboring Cytoplasmic 0.766

Combined SVM classifier:
Extracellular 0.476
OuterMembrane 0.174
Periplasmic 0.594
InnerMembrane 0.316
Cytoplasmic 3.440 *

SeqID: fig|6666666.171271.peg.1027

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.396
Di-peptide Cytoplasmic 0.457
part-Comp. Cytoplasmic 0.379
cheto-typy Cytoplasmic 0.712
Neighboring Cytoplasmic 0.381

Combined SVM classifier:
Extracellular 0.340
OuterMembrane 1.204
Periplasmic 0.629
InnerMembrane 0.502
Cytoplasmic 2.325 *

SeqID: fig|6666666.171271.peg.1028

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.589
Di-peptide Cytoplasmic 0.884
part-Comp. Cytoplasmic 0.567
cheto-typy Periplasmic 0.904
Neighboring Cytoplasmic 0.574

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>CELLO Prediction</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extracellular</strong></td>
<td>0.276</td>
</tr>
<tr>
<td><strong>OuterMembrane</strong></td>
<td>0.202</td>
</tr>
<tr>
<td><strong>Periplasmic</strong></td>
<td>1.561</td>
</tr>
<tr>
<td><strong>InnerMembrane</strong></td>
<td>0.333</td>
</tr>
<tr>
<td><strong>Cytoplasmic</strong></td>
<td>2.629 *</td>
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</table>

SeqID: fig|6666666.171271.peg.1029

CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.380
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.557
chemo-typy InnerMembrane 0.984
Neighboring InnerMembrane 0.291

Combined SVM classifier:
Extracellular 0.398
OuterMembrane 0.331
Periplasmic 0.386
InnerMembrane 3.210 *
Cytoplasmic 0.676

SeqID: fig|6666666.171271.peg.1030

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.687
Di-peptide Cytoplasmic 0.480
part-Comp. Cytoplasmic 0.651
chemo-typy Periplasmic 0.375
Neighboring Cytoplasmic 0.356

Combined SVM classifier:
Extracellular 0.929
OuterMembrane 0.499
Periplasmic 0.994
InnerMembrane 0.271
Cytoplasmic 2.307 *

SeqID: fig|6666666.171271.peg.1031

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.882
Di-peptide Cytoplasmic 0.664
part-Comp. Cytoplasmic 0.970
chemo-typy Cytoplasmic 0.627
Neighboring Cytoplasmic 0.979

Combined SVM classifier:
Extracellular 0.172
OuterMembrane 0.101
Periplasmic 0.522
InnerMembrane 0.084
### CELLO prediction:

**SeqID:** fig|6666666.171271.peg.1032

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.854</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.814</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.983</td>
</tr>
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**Combined SVM classifier:**

- Extracellular: 0.127
- OuterMembrane: 0.137
- Periplasmic: 0.108
- InnerMembrane: 0.063
- Cytoplasmic: 4.564 *

---

**SeqID:** fig|6666666.171271.peg.1033

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.409</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.919</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.404</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.597</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.411</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 1.303
- OuterMembrane: 2.220 *
- Periplasmic: 0.949
- InnerMembrane: 0.262
- Cytoplasmic: 0.267

---

**SeqID:** fig|6666666.171271.peg.1034

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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.819</td>
</tr>
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<td>OuterMembrane</td>
<td>0.404</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.597</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.411</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 1.303
- OuterMembrane: 2.220 *
- Periplasmic: 0.949
- InnerMembrane: 0.262
- Cytoplasmic: 0.267
| SeqID: fig|6666666.171271.peg.1035 |
|---|---|---|
| CELLO prediction: | Composition | Cytoplasmic 0.718 |
| | Di-peptide | Cytoplasmic 0.634 |
| | part-Comp. | Cytoplasmic 0.730 |
| | chemo-typy | Cytoplasmic 0.956 |
| | Neighboring | Cytoplasmic 0.540 |
| Combined SVM classifier: | Extracellular 0.591 |
| | OuterMembrane 0.497 |
| | Periplasmic 0.147 |
| | InnerMembrane 0.188 |
| | Cytoplasmic 3.578 * |

| SeqID: fig|6666666.171271.peg.1036 |
|---|---|---|
| CELLO prediction: | Composition | InnerMembrane 0.988 |
| | Di-peptide | InnerMembrane 1.000 |
| | part-Comp. | InnerMembrane 1.000 |
| | chemo-typy | InnerMembrane 0.994 |
| | Neighboring | InnerMembrane 0.993 |
| Combined SVM classifier: | Extracellular 0.004 |
| | OuterMembrane 0.008 |
| | Periplasmic 0.006 |
| | InnerMembrane 4.975 * |
| | Cytoplasmic 0.006 |

| SeqID: fig|6666666.171271.peg.1037 |
|---|---|---|
| CELLO prediction: | Composition | Periplasmic 0.261 |
| | Di-peptide | InnerMembrane 0.834 |
| | part-Comp. | Cytoplasmic 0.365 |
| | chemo-typy | Cytoplasmic 0.434 |
| | Neighboring | Cytoplasmic 0.397 |
| Combined SVM classifier: | Extracellular 0.964 |
| | OuterMembrane 0.261 |
| | Periplasmic 0.718 |
| | InnerMembrane 1.497 * |
| | Cytoplasmic 1.560 * |

<p>| SeqID: fig|6666666.171271.peg.1038 |
|---|---|---|
| CELLO prediction: | Composition | Cytoplasmic 0.718 |
| | Di-peptide | Cytoplasmic 0.634 |
| | part-Comp. | Cytoplasmic 0.730 |
| | chemo-typy | Cytoplasmic 0.956 |
| | Neighboring | Cytoplasmic 0.540 |
| Combined SVM classifier: | Extracellular 0.591 |
| | OuterMembrane 0.497 |
| | Periplasmic 0.147 |
| | InnerMembrane 0.188 |
| | Cytoplasmic 3.578 * |</p>
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<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.845</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
<td>0.875</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.974</td>
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</table>

Combined SVM classifier:

- Extracellular: 0.115
- OuterMembrane: 0.048
- Periplasmic: 0.153
- InnerMembrane: 0.147
- Cytoplasmic: 4.537 *

SeqID: fig|6666666.171271.peg.1039

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.342</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.418</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.452</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.590</td>
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</table>

Combined SVM classifier:

- Extracellular: 0.470
- OuterMembrane: 1.773 *
- Periplasmic: 0.184
- InnerMembrane: 1.673 *
- Cytoplasmic: 0.901

SeqID: fig|6666666.171271.peg.1040

CELLO prediction:

<table>
<thead>
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<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.884</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>1.000</td>
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<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.994</td>
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<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.978</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.946</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.036
- OuterMembrane: 0.067
- Periplasmic: 0.042
- InnerMembrane: 4.802 *
- Cytoplasmic: 0.053

SeqID: fig|6666666.171271.peg.1041

CELLO prediction:

<table>
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<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.252</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>reliable-index</td>
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<td>----------------</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.730</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.445</td>
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</table>

**Combined SVM classifier:**

<table>
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<tr>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.708</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.203</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.423 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>1.299 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.368 *</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.1042

**CELLO prediction:**

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</tr>
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</tr>
<tr>
<td>Di-peptide</td>
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<tr>
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<tr>
<td>Neighboring</td>
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**Combined SVM classifier:**

<table>
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<th>reliable-index</th>
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<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>1.179</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.329 *</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.1043

**CELLO prediction:**

<table>
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<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>0.961</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>0.907</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>0.756</td>
</tr>
<tr>
<td>Neighboring</td>
<td>0.977</td>
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</table>

**Combined SVM classifier:**

**SeqID: fig|6666666.171271.peg.1044**

**CELLO prediction:**

<table>
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<tr>
<th>predictor</th>
<th>reliable-index</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>0.675</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>0.961</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>0.907</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>0.756</td>
</tr>
<tr>
<td>Neighboring</td>
<td>0.977</td>
</tr>
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</table>

**Combined SVM classifier:**
** SeqID: fig|6666666.171271.peg.1045  
** CELLO prediction:**  
(predictor location reliable-index)  
Composition Cytoplasmic 0.753  
Di-peptide Cytoplasmic 0.804  
part-Comp. Cytoplasmic 0.951  
chemo-typy Cytoplasmic 0.652  
Neighboring Cytoplasmic 0.979  
  
Combined SVM classifier:  
Extracellular 0.291  
OuterMembrane 0.345  
Periplasmic 0.170  
InnerMembrane 0.055  
Cytoplasmic 4.139 *  
**

** SeqID: fig|6666666.171271.peg.1046  
** CELLO prediction:**  
(predictor location reliable-index)  
Composition Cytoplasmic 0.558  
Di-peptide Cytoplasmic 0.475  
part-Comp. Cytoplasmic 0.817  
chemo-typy Cytoplasmic 0.959  
Neighboring Cytoplasmic 0.968  
  
Combined SVM classifier:  
Extracellular 0.165  
OuterMembrane 0.855  
Periplasmic 0.069  
InnerMembrane 0.134  
Cytoplasmic 3.777 *  
**

** SeqID: fig|6666666.171271.peg.1047  
** CELLO prediction:**  
(predictor location reliable-index)  
Composition InnerMembrane 0.468  
Di-peptide InnerMembrane 0.833  
part-Comp. InnerMembrane 0.612  
chemo-typy InnerMembrane 0.439  
Neighboring InnerMembrane 0.962  
  
Combined SVM classifier:  
Extracellular 0.551  
OuterMembrane 0.161  
Periplasmic 0.429  
InnerMembrane 3.314 *
Cytoplasmic 0.545

SeqID: fig|6666666.171271.peg.1048
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.513
Di-peptide   InnerMembrane  0.609
part-Comp.   InnerMembrane  0.413
chemo-typy   Periplasmic  0.647
Neighboring  Cytoplasmic  0.543

Combined SVM classifier:
Extracellular  0.325
OuterMembrane  0.878
Periplasmic  0.843
InnerMembrane  1.611 *
Cytoplasmic  1.343 *

SeqID: fig|6666666.171271.peg.1049
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.972
Di-peptide   OuterMembrane  0.284
part-Comp.   Cytoplasmic  0.991
chemo-typy   OuterMembrane  0.353
Neighboring  Cytoplasmic  0.967

Combined SVM classifier:
Extracellular  0.364
OuterMembrane  0.649
Periplasmic  0.171
InnerMembrane  0.537
Cytoplasmic  3.278 *

SeqID: fig|6666666.171271.peg.1050
CELLO prediction:
(predictor   location   reliable-index)
Composition  InnerMembrane  0.989
Di-peptide   InnerMembrane  0.987
part-Comp.   InnerMembrane  0.964
chemo-typy   InnerMembrane  0.863
Neighboring  InnerMembrane  0.964

Combined SVM classifier:
Extracellular  0.012
OuterMembrane  0.033
Periplasmic  0.045
InnerMembrane  4.767 *
Cytoplasmic  0.144
SeqID: fig|6666666.171271.peg.1051
CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.994
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.978
chemo-typy InnerMembrane 0.980
Neighboring InnerMembrane 0.999

Combined SVM classifier:
Extracellular 0.001
OuterMembrane 0.006
Periplasmic 0.010
InnerMembrane 4.950 *
Cytoplasmic 0.032

SeqID: fig|6666666.171271.peg.1052
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.898
Di-peptide Cytoplasmic 0.752
part-Comp. Cytoplasmic 0.822
chemo-typy Cytoplasmic 0.673
Neighboring Cytoplasmic 0.866

Combined SVM classifier:
Extracellular 0.037
OuterMembrane 0.277
Periplasmic 0.168
InnerMembrane 0.507
Cytoplasmic 4.011 *

SeqID: fig|6666666.171271.peg.1053
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.931
Di-peptide Cytoplasmic 0.670
part-Comp. Cytoplasmic 0.811
chemo-typy OuterMembrane 0.615
Neighboring Cytoplasmic 0.897

Combined SVM classifier:
Extracellular 0.040
OuterMembrane 0.708
Periplasmic 0.232
InnerMembrane 0.402
Cytoplasmic 3.619 *

SeqID: fig|6666666.171271.peg.1054
CELLO prediction:
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<tbody>
<tr>
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</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.420</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.961</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.943</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

Extracellular 0.151  
OuterMembrane 0.120  
Periplasmic 0.155  
InnerMembrane 4.032 *  
Cytoplasmic 0.542

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<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.260</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.379</td>
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</tbody>
</table>

Combined SVM classifier:

Extracellular 0.802  
OuterMembrane 1.005 *  
Periplasmic 0.621  
InnerMembrane 1.598 *  
Cytoplasmic 0.974

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<table>
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<th>predictor</th>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
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<td>0.807</td>
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<td>Cytoplasmic</td>
<td>0.807</td>
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<th>location</th>
<th>reliable-index</th>
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<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.401</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.834</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.807</td>
</tr>
</tbody>
</table>
_chgno-typy  Cytoplasmic  0.946
Neighboring  OuterMembrane  0.794

Combined SVM classifier:
Extracellular  0.225
OuterMembrane  1.399
Periplasmic  0.125
InnerMembrane  0.197
Cytoplasmic  3.055 *

SeqID: fig|666666.171271.peg.1058
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.266
Di-peptide  Cytoplasmic  0.852
part-Comp.  Cytoplasmic  0.417
chemo-typy  Cytoplasmic  0.905
Neighboring  Cytoplasmic  0.413

Combined SVM classifier:
Extracellular  0.800
OuterMembrane  0.301
Periplasmic  0.642
InnerMembrane  0.427
Cytoplasmic  2.830 *

SeqID: fig|666666.171271.peg.1059
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.889
Di-peptide  Cytoplasmic  0.992
part-Comp.  Cytoplasmic  0.975
chemo-typy  Cytoplasmic  0.935
Neighboring  Cytoplasmic  0.991

Combined SVM classifier:
Extracellular  0.052
OuterMembrane  0.032
Periplasmic  0.069
InnerMembrane  0.065
Cytoplasmic  4.782 *

SeqID: fig|666666.171271.peg.1060
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.524
Di-peptide  Cytoplasmic  0.860
part-Comp.  Cytoplasmic  0.675
chemo-typy  Cytoplasmic  0.648
Neighboring  Cytoplasmic  0.719

Combined SVM classifier:
Extracellular 0.307
OuterMembrane 0.396
Periplasmic 0.520
InnerMembrane 0.352
Cytoplasmic 3.425 *

SeqID: fig|6666666.171271.peg.1061
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.787
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.914
chemo-typy InnerMembrane 0.990
Neighboring InnerMembrane 0.851

Combined SVM classifier:
Extracellular 0.062
OuterMembrane 0.048
Periplasmic 0.084
InnerMembrane 4.539 *
Cytoplasmic 0.267

SeqID: fig|6666666.171271.peg.1062
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.484
Di-peptide Cytoplasmic 0.715
part-Comp. Cytoplasmic 0.916
chemo-typy Cytoplasmic 0.977
Neighboring Cytoplasmic 0.812

Combined SVM classifier:
Extracellular 0.385
OuterMembrane 0.333
Periplasmic 0.213
InnerMembrane 0.164
Cytoplasmic 3.904 *

SeqID: fig|6666666.171271.peg.1063
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.477
Di-peptide Cytoplasmic 0.989
part-Comp. Cytoplasmic 0.924
chemo-typy Cytoplasmic 0.709
Neighboring Cytoplasmic 0.917

Combined SVM classifier:
Extracellular 0.252
OuterMembrane 0.104
Periplasmic 0.427
InnerMembrane 0.200
# CELLO prediction for protein localization

## SeqID: fig|6666666.171271.peg.1064

**CELLO prediction:**

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<th>predictor</th>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
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<td>0.374</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.592</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.856</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.354</td>
</tr>
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</table>

**Combined SVM classifier:**

<table>
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<tr>
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<th>reliable-index</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.729</td>
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<tr>
<td>OuterMembrane</td>
<td>0.984</td>
</tr>
<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.374</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.444 *</td>
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## SeqID: fig|6666666.171271.peg.1065

**CELLO prediction:**

<table>
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<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.698</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.948</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.672</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.663</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.946</td>
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**Combined SVM classifier:**

<table>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.218</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.178</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.497</td>
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<tr>
<td>InnerMembrane</td>
<td>0.180</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.927 *</td>
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## SeqID: fig|6666666.171271.peg.1066

**CELLO prediction:**

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<td>Composition</td>
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<td>0.832</td>
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<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.841</td>
</tr>
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<td>Extracellular</td>
<td>0.570</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.621</td>
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**Combined SVM classifier:**

<table>
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<tr>
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<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>3.578 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.708</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.355</td>
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<tr>
<td>InnerMembrane</td>
<td>0.084</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.274</td>
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</table>
SeqID: fig|6666666.171271.peg.1067
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.338
Di-peptide  Cytoplasmic  0.657
part-Comp.  Cytoplasmic  0.748
chemo-typy  Cytoplasmic  0.521
Neighboring  Cytoplasmic  0.871

Combined SVM classifier:
Extracellular  0.418
OuterMembrane  0.446
Periplasmic  0.756
InnerMembrane  0.246
Cytoplasmic  3.135 *

SeqID: fig|6666666.171271.peg.1068
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.837
Di-peptide  Extracellular  0.397
part-Comp.  Cytoplasmic  0.755
chemo-typy  Cytoplasmic  0.899
Neighboring  Cytoplasmic  0.840

Combined SVM classifier:
Extracellular  0.097
OuterMembrane  0.247
Periplasmic  0.268
InnerMembrane  0.120
Cytoplasmic  4.268 *

SeqID: fig|6666666.171271.peg.1069
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.556
Di-peptide  Extracellular  0.397
part-Comp.  Cytoplasmic  0.810
chemo-typy  InnerMembrane  0.308
Neighboring  Cytoplasmic  0.915

Combined SVM classifier:
Extracellular  0.848
OuterMembrane  0.821
Periplasmic  0.222
InnerMembrane  0.558
Cytoplasmic  2.551 *
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.509</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.721</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.386</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.861</td>
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Combined SVM classifier:

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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>1.612</td>
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<tr>
<td>Periplasmic</td>
<td>0.256</td>
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<tr>
<td>InnerMembrane</td>
<td>0.396</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.527 *</td>
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SeqID: fig|6666666.171271.peg.1071
CELLO prediction:

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</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.723</td>
</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.966</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.885</td>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
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<th>reliable-index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.201</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.272</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.082</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.038</td>
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<tr>
<td>Cytoplasmic</td>
<td>4.408 *</td>
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SeqID: fig|6666666.171271.peg.1072
CELLO prediction:

<table>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.925</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.574</td>
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<td>0.993</td>
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Combined SVM classifier:

<table>
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<tr>
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<tbody>
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<tr>
<td>OuterMembrane</td>
<td>0.214</td>
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<tr>
<td>Periplasmic</td>
<td>0.353</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.165</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.831 *</td>
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</table>

SeqID: fig|6666666.171271.peg.1073
CELLO prediction:

<table>
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<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.634</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.536</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.611</td>
</tr>
</tbody>
</table>
chemo-typy  OuterMembrane  0.582
    Neighboring  OuterMembrane  0.390
    
Combined SVM classifier:
    Extracellular  0.382
    OuterMembrane  1.246
    Periplasmic  0.318
    InnerMembrane  0.783
    Cytoplasmic  2.272 *

**************************************

SeqID: fig|6666666.171271.peg.1074
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.419
Di-peptide  Cytoplasmic  0.931
part-Comp.  Cytoplasmic  0.886
chemo-typy  Cytoplasmic  0.964
Neighboring  Cytoplasmic  0.806

Combined SVM classifier:
Extracellular  0.382
OuterMembrane  0.185
Periplasmic  0.182
InnerMembrane  0.246
Cytoplasmic  4.006 *

**************************************

SeqID: fig|6666666.171271.peg.1075
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.425
Di-peptide  Cytoplasmic  0.587
part-Comp.  Cytoplasmic  0.516
chemo-typy  Cytoplasmic  0.804
Neighboring  Extracellular  0.616

Combined SVM classifier:
Extracellular  1.099
OuterMembrane  0.708
Periplasmic  0.432
InnerMembrane  0.230
Cytoplasmic  2.531 *

**************************************

SeqID: fig|6666666.171271.peg.1076
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.532
Di-peptide  Cytoplasmic  0.922
part-Comp.  Cytoplasmic  0.533
chemo-typy  Periplasmic  0.884
Neighboring  OuterMembrane  0.382

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.697</td>
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</tr>
<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.1077**

CELLO prediction:

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<th>Value</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
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<tr>
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<td>OuterMembrane</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.506</td>
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</table>

Combined SVM classifier:

<table>
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<th>Value</th>
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<tbody>
<tr>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.1078**

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.335</td>
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Combined SVM classifier:

<table>
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<tbody>
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<tr>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.1079**

CELLO prediction:

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<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
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<td>0.264</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.871</td>
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<tr>
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Combined SVM classifier:

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<td>0.836</td>
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<td>InnerMembrane</td>
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Cytoplasmic 2.745 *

SeqID: fig|6666666.171271.peg.1080
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.479
Di-peptide Cytoplasmic 0.920
part-Comp. OuterMembrane 0.464
chemo-typy Periplasmic 0.435
Neighboring Cytoplasmic 0.504

Combined SVM classifier:
Extracellular 0.685
OuterMembrane 0.787
Periplasmic 0.802
InnerMembrane 0.148
Cytoplasmic 2.577 *

SeqID: fig|6666666.171271.peg.1081
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.282
Di-peptide Extracellular 0.906
part-Comp. Extracellular 0.568
chemo-typy Extracellular 0.822
Neighboring Extracellular 0.713

Combined SVM classifier:
Extracellular 3.290 *
OuterMembrane 0.384
Periplasmic 0.606
InnerMembrane 0.173
Cytoplasmic 0.546

SeqID: fig|6666666.171271.peg.1082
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.577
Di-peptide Cytoplasmic 0.830
part-Comp. Cytoplasmic 0.576
chemo-typy Cytoplasmic 0.689
Neighboring Cytoplasmic 0.781

Combined SVM classifier:
Extracellular 0.543
OuterMembrane 0.177
Periplasmic 0.444
InnerMembrane 0.384
Cytoplasmic 3.453 *
**SeqID:** fig\|6666666.171271.peg.1083  
CELO prediction:

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<tr>
<td>Di-peptide</td>
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<td>Neighboring</td>
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Combined SVM classifier:

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<tbody>
<tr>
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<td>0.596</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.137 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.045 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>1.004 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.218 *</td>
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**SeqID:** fig\|6666666.171271.peg.1084

CELO prediction:

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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Neighboring</td>
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<td>0.332</td>
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Combined SVM classifier:

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<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.129 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.164 *</td>
</tr>
<tr>
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<tr>
<td>InnerMembrane</td>
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<tr>
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</table>

**SeqID:** fig\|6666666.171271.peg.1085

CELO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.883</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.522</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.697</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.194</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.459</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.205</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.202</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.940 *</td>
</tr>
</tbody>
</table>

**SeqID:** fig\|6666666.171271.peg.1086

CELO prediction:
### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.569</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.822</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.755</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.685</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.492</td>
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**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.106</td>
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<tr>
<td>OuterMembrane</td>
<td>0.058</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>2.312 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.090</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.435 *</td>
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**SeqID: fig|6666666.171271.peg.1087**

### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.756</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.719</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.844</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.949</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.946</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.434</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>3.285 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.115</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.069</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.097</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.1088**

### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.700</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.443</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.915</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.618</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.869</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.289</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.489</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.343</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.334</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.545 *</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.1089**

### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.468</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.923</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.749</td>
</tr>
</tbody>
</table>
chemo-typy Cytoplasmic 0.958
Neighboring Cytoplasmic 0.812

Combined SVM classifier:
Extracellular 0.199
OuterMembrane 0.077
Periplasmic 0.555
InnerMembrane 0.259
Cytoplasmic 3.909 *

SeqID: fig|6666666.171271.peg.1090
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.747
Di-peptide Cytoplasmic 0.647
part-Comp. Cytoplasmic 0.618
chemo-typy Cytoplasmic 0.445
Neighboring Cytoplasmic 0.650

Combined SVM classifier:
Extracellular 0.563
OuterMembrane 0.720
Periplasmic 0.499
InnerMembrane 0.111
Cytoplasmic 3.107 *

SeqID: fig|6666666.171271.peg.1091
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.631
Di-peptide Cytoplasmic 0.864
part-Comp. Cytoplasmic 0.748
chemo-typy Periplasmic 0.720
Neighboring Cytoplasmic 0.907

Combined SVM classifier:
Extracellular 0.251
OuterMembrane 0.073
Periplasmic 1.074
InnerMembrane 0.265
Cytoplasmic 3.337 *

SeqID: fig|6666666.171271.peg.1092
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.327
Di-peptide Cytoplasmic 0.935
part-Comp. Cytoplasmic 0.590
chemo-typy Cytoplasmic 0.915
Neighboring Cytoplasmic 0.825

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.600</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.268</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.289</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.250</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.593 *</td>
</tr>
</tbody>
</table>

**SeqID: fig|6666666.171271.peg.1093**

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.321</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.859</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.415</td>
</tr>
<tr>
<td>chemo-_typy</td>
<td>Cytoplasmic</td>
<td>0.840</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.545</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.560</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.256</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.814</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.390</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.981 *</td>
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**SeqID: fig|6666666.171271.peg.1094**

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.918</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.965</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.915</td>
</tr>
<tr>
<td>chemo-_typy</td>
<td>InnerMembrane</td>
<td>0.946</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.961</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.209</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.131</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.137</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.232</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.292 *</td>
</tr>
</tbody>
</table>

**SeqID: fig|6666666.171271.peg.1095**

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.918</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.965</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.915</td>
</tr>
<tr>
<td>chemo-_typy</td>
<td>InnerMembrane</td>
<td>0.946</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.961</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.046</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.143</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.044</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.705 *</td>
</tr>
</tbody>
</table>
Cytoplasmic 0.062

SeqID: fig|6666666.171271.peg.1096
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.851
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.824
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 0.850

Combined SVM classifier:
Extracellular 0.112
OuterMembrane 0.089
Periplasmic 0.110
InnerMembrane 4.520 *
Cytoplasmic 0.169

SeqID: fig|6666666.171271.peg.1097
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.266
Di-peptide Cytoplasmic 0.951
part-Comp. Cytoplasmic 0.395
chemo-typy Cytoplasmic 0.931
Neighboring Cytoplasmic 0.772

Combined SVM classifier:
Extracellular 0.534
OuterMembrane 0.193
Periplasmic 0.648
InnerMembrane 0.328
Cytoplasmic 3.296 *

SeqID: fig|6666666.171271.peg.1098
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.464
Di-peptide Cytoplasmic 0.955
part-Comp. Cytoplasmic 0.497
chemo-typy Cytoplasmic 0.372
Neighboring Cytoplasmic 0.834

Combined SVM classifier:
Extracellular 0.729
OuterMembrane 0.272
Periplasmic 0.580
InnerMembrane 0.296
Cytoplasmic 3.122 *
SeqID: fig|6666666.171271.peg.1099
CELOL prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.665
Di-peptide InnerMembrane 0.996
part-Comp. InnerMembrane 0.976
chem-o-typy InnerMembrane 0.873
Neighboring InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.090
OuterMembrane 0.060
Periplasmic 0.205
InnerMembrane 4.506 *
Cytoplasmic 0.139

SeqID: fig|6666666.171271.peg.1100
CELOL prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.481
Di-peptide InnerMembrane 0.890
part-Comp. InnerMembrane 0.369
chem-o-typy Extracellular 0.580
Neighboring InnerMembrane 0.807

Combined SVM classifier:
Extracellular 0.889
OuterMembrane 0.176
Periplasmic 0.549
InnerMembrane 2.729 *
Cytoplasmic 0.657

SeqID: fig|6666666.171271.peg.1101
CELOL prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.880
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.996
chem-o-typy InnerMembrane 1.000
Neighboring InnerMembrane 0.968

Combined SVM classifier:
Extracellular 0.040
OuterMembrane 0.021
Periplasmic 0.058
InnerMembrane 4.841 *
Cytoplasmic 0.040

SeqID: fig|6666666.171271.peg.1102
CELOL prediction:
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.885
Di-peptide InnerMembrane 0.942
part-Comp. InnerMembrane 0.892
chemo-typy Cytoplasmic 0.804
Neighboring InnerMembrane 0.886

Combined SVM classifier:
Extracellular 0.007
OuterMembrane 0.038
Periplasmic 0.042
InnerMembrane 3.760 *
Cytoplasmic 1.153

CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.994
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.879
Neighboring InnerMembrane 0.902

Combined SVM classifier:
Extracellular 0.030
OuterMembrane 0.052
Periplasmic 0.030
InnerMembrane 4.773 *
Cytoplasmic 0.114

CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Cytoplasmic 0.951
part-Comp. Cytoplasmic 0.417
chemo-typy Cytoplasmic 0.881
Neighboring Cytoplasmic 0.556

Combined SVM classifier:
Extracellular 0.632
OuterMembrane 0.243
Periplasmic 0.698
InnerMembrane 0.379
Cytoplasmic 3.049 *

CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.606
Di-peptide OuterMembrane 0.914
part-Comp. OuterMembrane 0.813
chemo-typy Extracellular 0.470
Neighboring OuterMembrane 0.535

Combined SVM classifier:
Extracellular 0.992
OuterMembrane 3.046 *
Periplasmic 0.377
InnerMembrane 0.078
Cytoplasmic 0.507

SeqID: fig|6666666.171271.peg.1106
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.413
Di-peptide Cytoplasmic 0.687
part-Comp. Cytoplasmic 0.944
chemo-typy Cytoplasmic 0.910
Neighboring Cytoplasmic 0.850

Combined SVM classifier:
Extracellular 0.286
OuterMembrane 0.462
Periplasmic 0.259
InnerMembrane 0.190
Cytoplasmic 3.803 *

SeqID: fig|6666666.171271.peg.1107
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.304
Di-peptide Cytoplasmic 0.447
part-Comp. Extracellular 0.378
chemo-typy Periplasmic 0.594
Neighboring Extracellular 0.415

Combined SVM classifier:
Extracellular 1.346 *
OuterMembrane 0.800
Periplasmic 1.288 *
InnerMembrane 0.302
Cytoplasmic 1.263 *

SeqID: fig|6666666.171271.peg.1108
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.379
Di-peptide Cytoplasmic 0.560
part-Comp. Cytoplasmic 0.419
chemo-typy Cytoplasmic 0.506
Neighboring Extracellular 0.426

Combined SVM classifier:
Extracellular 1.215
OuterMembrane 1.239
Periplasmic 0.393
InnerMembrane 0.106
Cytoplasmic 2.048 *

SeqID: fig|6666666.171271.peg.1109
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.658
Di-peptide Cytoplasmic 0.442
part-Comp. Cytoplasmic 0.819
chemo-typy OuterMembrane 0.434
Neighboring Cytoplasmic 0.757

Combined SVM classifier:
Extracellular 0.523
OuterMembrane 1.252
Periplasmic 0.268
InnerMembrane 0.065
Cytoplasmic 2.893 *

SeqID: fig|6666666.171271.peg.1110
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.410
Di-peptide Cytoplasmic 0.850
part-Comp. Cytoplasmic 0.624
chemo-typy Cytoplasmic 0.961
Neighboring Cytoplasmic 0.731

Combined SVM classifier:
Extracellular 0.515
OuterMembrane 0.180
Periplasmic 0.568
InnerMembrane 0.161
Cytoplasmic 3.576 *

SeqID: fig|6666666.171271.peg.1111
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.406
Di-peptide Cytoplasmic 0.650
part-Comp. Cytoplasmic 0.454
chemo-typy Cytoplasmic 0.667
Neighboring Cytoplasmic 0.540

Combined SVM classifier:
Extracellular 0.527
OuterMembrane 0.149
Periplasmic 0.882
InnerMembrane 0.725
Cytoplasmic 2.717 *

SeqID: fig|6666666.171271.peg.1112
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.394
Di-peptide Cytoplasmic 0.449
part-Comp. Cytoplasmic 0.727
chemo-typy Cytoplasmic 0.917
Neighboring Cytoplasmic 0.519

Combined SVM classifier:
Extracellular 0.541
OuterMembrane 0.843
Periplasmic 0.369
InnerMembrane 0.240
Cytoplasmic 3.006 *

SeqID: fig|6666666.171271.peg.1113
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.338
Di-peptide Cytoplasmic 0.892
part-Comp. Cytoplasmic 0.657
chemo-typy Periplasmic 0.788
Neighboring Cytoplasmic 0.841

Combined SVM classifier:
Extracellular 0.398
OuterMembrane 0.228
Periplasmic 1.059
InnerMembrane 0.401
Cytoplasmic 2.913 *

SeqID: fig|6666666.171271.peg.1114
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.269
Di-peptide Cytoplasmic 0.602
part-Comp. Cytoplasmic 0.357
chemo-typy Cytoplasmic 0.424
Neighboring Extracellular 0.344

Combined SVM classifier:
Extracellular 0.942
OuterMembrane 0.299
Periplasmic 1.262 *
InnerMembrane 0.573
Cytoplasmic 1.924 *
SeqID: fig|6666666.171271.peg.1115
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.272
Di-peptide  Cytoplasmic  0.796
part-Comp.  Cytoplasmic  0.360
chemo-typy  Cytoplasmic  0.793
Neighboring  Cytoplasmic  0.425

Combined SVM classifier:
Extracellular  0.641
OuterMembrane  0.215
Periplasmic  1.158
InnerMembrane  0.377
Cytoplasmic  2.609 *

SeqID: fig|6666666.171271.peg.1116
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.656
Di-peptide  InnerMembrane  0.545
part-Comp.  Cytoplasmic  0.531
chemo-typy  InnerMembrane  0.581
Neighboring  Cytoplasmic  0.594

Combined SVM classifier:
Extracellular  0.225
OuterMembrane  0.215
Periplasmic  0.362
InnerMembrane  1.866 *
Cytoplasmic  2.332 *

SeqID: fig|6666666.171271.peg.1117
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.964
Di-peptide  Cytoplasmic  0.955
part-Comp.  Cytoplasmic  0.898
chemo-typy  Cytoplasmic  0.876
Neighboring  Cytoplasmic  0.983

Combined SVM classifier:
Extracellular  0.088
OuterMembrane  0.019
Periplasmic  0.063
InnerMembrane  0.156
Cytoplasmic  4.675 *

SeqID: fig|6666666.171271.peg.1118
CELLO prediction:
| SeqID: fig|6666666.171271.peg.1119 |
|-------------------------------|
| CELLO prediction:            |
| (predictor | location | reliable-index) |
| Composition    | Cytoplasmic | 0.448        |
| Di-peptide     | Cytoplasmic | 0.722        |
| part-Comp.     | Cytoplasmic | 0.555        |
| chemo-typy     | Cytoplasmic | 0.626        |
| Neighboring    | Extracellular | 0.445      |
| Combined SVM classifier:     |
| Extracellular | 0.983          |
| OuterMembrane | 0.508          |
| Periplasmic    | 0.609          |
| InnerMembrane  | 0.301          |
| Cytoplasmic    | 2.600 *        |

| SeqID: fig|6666666.171271.peg.1120 |
|-------------------------------|
| CELLO prediction:            |
| (predictor | location | reliable-index) |
| Composition    | Cytoplasmic | 0.668        |
| Di-peptide     | Cytoplasmic | 0.914        |
| part-Comp.     | Cytoplasmic | 0.647        |
| chemo-typy     | Cytoplasmic | 0.910        |
| Neighboring    | Cytoplasmic | 0.949        |
| Combined SVM classifier:     |
| Extracellular | 0.233          |
| OuterMembrane | 0.176          |
| Periplasmic    | 0.330          |
| InnerMembrane  | 0.174          |
| Cytoplasmic    | 4.088 *        |

| SeqID: fig|6666666.171271.peg.1121 |
|-------------------------------|
| CELLO prediction:            |
| (predictor | location | reliable-index) |
| Composition    | OuterMembrane | 0.462        |
| Di-peptide     | Cytoplasmic | 0.603        |
| part-Comp.     | Cytoplasmic | 0.573        |
chemo-typy  Periplasmic   0.467
Neighboring  Cytoplasmic  0.886

Combined SVM classifier:
Extracellular  0.436
OuterMembrane  0.742
Periplasmic  0.848
InnerMembrane  0.207
Cytoplasmic  2.767 *

SeqID: fig|6666666.171271.peg.1122
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.524
Di-peptide     Cytoplasmic  0.539
part-Comp.     Cytoplasmic  0.749
chemo-typy    Periplasmic  0.813
Neighboring   Cytoplasmic  0.403

Combined SVM classifier:
Extracellular  1.054
OuterMembrane  0.487
Periplasmic  1.089
InnerMembrane  0.116
Cytoplasmic  2.255 *

SeqID: fig|6666666.171271.peg.1123
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.656
Di-peptide     Cytoplasmic  0.392
part-Comp.     Cytoplasmic  0.531
chemo-typy    Cytoplasmic  0.711
Neighboring   Cytoplasmic  0.615

Combined SVM classifier:
Extracellular  0.392
OuterMembrane  0.252
Periplasmic  1.034
InnerMembrane  0.418
Cytoplasmic  2.905 *

SeqID: fig|6666666.171271.peg.1124
CELLO prediction:
(predictor  location   reliable-index)
Composition    Extracellular  0.477
Di-peptide     Extracellular  0.418
part-Comp.     Cytoplasmic  0.536
chemo-typy    Cytoplasmic  0.475
Neighboring   Cytoplasmic  0.337

Combined SVM classifier:
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<th>Location</th>
<th>CELLO Index</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.861 *</td>
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<tr>
<td>OuterMembrane</td>
<td>0.181</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.991</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.329</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.638 *</td>
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</table>

SeqID: fig|6666666.171271.peg.1125

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.730
Di-peptide OuterMembrane 0.499
part-Comp. Cytoplasmic 0.572
chemo-typy Cytoplasmic 0.398
Neighboring OuterMembrane 0.525

Combined SVM classifier:
Extracellular 1.054
OuterMembrane 1.434 *
Periplasmic 0.313
InnerMembrane 0.141
Cytoplasmic 2.058 *

SeqID: fig|6666666.171271.peg.1126

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.537
Di-peptide Cytoplasmic 0.404
part-Comp. OuterMembrane 0.515
chemo-typy Periplasmic 0.531
Neighboring Periplasmic 0.659

Combined SVM classifier:
Extracellular 0.726
OuterMembrane 0.975
Periplasmic 1.885 *
InnerMembrane 0.179
Cytoplasmic 1.235 *

SeqID: fig|6666666.171271.peg.1127

CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.370
Di-peptide OuterMembrane 0.877
part-Comp. OuterMembrane 0.576
chemo-typy OuterMembrane 0.571
Neighboring OuterMembrane 0.342

Combined SVM classifier:
Extracellular 0.829
OuterMembrane 2.736 *
Periplasmic 0.903
InnerMembrane 0.111
Cytoplasmic 0.420

******
SeqID: fig|6666666.171271.peg.1128
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.263
Di-peptide Extracellular 0.412
part-Comp. Extracellular 0.325
chemo-typy Extracellular 0.485
Neighboring OuterMembrane 0.870

Combined SVM classifier:
Extracellular 1.529 *
OuterMembrane 1.598 *
Periplasmic 0.838
InnerMembrane 0.218
Cytoplasmic 0.817

******
SeqID: fig|6666666.171271.peg.1129
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.658
Di-peptide OuterMembrane 0.538
part-Comp. Cytoplasmic 0.891
chemo-typy Cytoplasmic 0.385
Neighboring Cytoplasmic 0.962

Combined SVM classifier:
Extracellular 0.405
OuterMembrane 0.897
Periplasmic 0.279
InnerMembrane 0.091
Cytoplasmic 3.328 *

******
SeqID: fig|6666666.171271.peg.1130
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.261
Di-peptide Extracellular 0.695
part-Comp. Extracellular 0.492
chemo-typy Cytoplasmic 0.488
Neighboring Extracellular 0.415

Combined SVM classifier:
Extracellular 1.921 *
OuterMembrane 0.542
Periplasmic 0.807
InnerMembrane 0.372
Cytoplasmic 1.358 *
SeqID: fig|6666666.171271.peg.1131
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.314
Di-peptide InnerMembrane 0.445
part-Comp. Cytoplasmic 0.385
di-chemo-typy Periplasmic 0.874
Neighboring Extracellular 0.283

Combined SVM classifier:
Extracellular 0.713
OuterMembrane 0.500
Periplasmic 1.562 *
InnerMembrane 0.966
Cytoplasmic 1.259 *

SeqID: fig|6666666.171271.peg.1132
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.602
Di-peptide Cytoplasmic 0.489
part-Comp. Cytoplasmic 0.565
di-chemo-typy Cytoplasmic 0.780
Neighboring Cytoplasmic 0.601

Combined SVM classifier:
Extracellular 0.409
OuterMembrane 0.448
Periplasmic 0.724
InnerMembrane 0.381
Cytoplasmic 3.038 *

SeqID: fig|6666666.171271.peg.1133
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.349
Di-peptide OuterMembrane 0.360
part-Comp. InnerMembrane 0.356
di-chemo-typy OuterMembrane 0.412
Neighboring OuterMembrane 0.689

Combined SVM classifier:
Extracellular 1.145
OuterMembrane 2.068 *
Periplasmic 0.295
InnerMembrane 0.498
Cytoplasmic 0.994

SeqID: fig|6666666.171271.peg.1134
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.668
Di-peptide  Cytoplasmic  0.644
part-Comp.  Cytoplasmic  0.417
chemo-typy  Cytoplasmic  0.847
Neighboring  OuterMembrane  0.644

Combined SVM classifier:
Extracellular  0.460
OuterMembrane  1.675 *
Periplasmic  0.403
InnerMembrane  0.344
Cytoplasmic  2.118 *

SeqID: fig|6666666.171271.peg.1135
CELO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.273
Di-peptide  Cytoplasmic  0.809
part-Comp.  Cytoplasmic  0.390
chemo-typy  Cytoplasmic  0.829
Neighboring  Cytoplasmic  0.685

Combined SVM classifier:
Extracellular  0.605
OuterMembrane  0.237
Periplasmic  0.669
InnerMembrane  0.502
Cytoplasmic  2.987 *

SeqID: fig|6666666.171271.peg.1136
CELO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.278
Di-peptide  Cytoplasmic  0.720
part-Comp.  Cytoplasmic  0.617
chemo-typy  Cytoplasmic  0.539
Neighboring  Cytoplasmic  0.855

Combined SVM classifier:
Extracellular  0.591
OuterMembrane  0.484
Periplasmic  0.681
InnerMembrane  0.235
Cytoplasmic  3.009 *

SeqID: fig|6666666.171271.peg.1137
CELO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.733
Di-peptide  Cytoplasmic  0.800
part-Comp.  Cytoplasmic  0.551
<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.955</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.517</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Classifier</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.259</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.142</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.347</td>
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<tr>
<td>InnerMembrane</td>
<td>0.623</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.629 *</td>
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SeqID: fig|6666666.171271.peg.1138
CELLO prediction:

<table>
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<th>Predictor</th>
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<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.583</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.963</td>
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<tr>
<td>part-Comp.</td>
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<td>chemo-typy</td>
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<td>0.543</td>
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Combined SVM classifier:

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<tbody>
<tr>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.407</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.220</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.253</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.786 *</td>
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SeqID: fig|6666666.171271.peg.1139
CELLO prediction:

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<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.832</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.862</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.834</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.405</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.946</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
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<th>SVM Classifier</th>
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<tbody>
<tr>
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<td>0.709</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.482</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.421</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.403</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.985 *</td>
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SeqID: fig|6666666.171271.peg.1140
CELLO prediction:

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.832</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.862</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.834</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.405</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.946</td>
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Combined SVM classifier:
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<th>CELLO prediction:</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
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<tr>
<th>Location</th>
<th>CELLO prediction:</th>
<th>Combined SVM classifier:</th>
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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>InnerMembrane</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>InnerMembrane</td>
</tr>
<tr>
<td>part-Comp.</td>
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<td>InnerMembrane</td>
</tr>
<tr>
<td>chemo-typy</td>
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<td>OuterMembrane</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>InnerMembrane</td>
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<th>Location</th>
<th>CELLO prediction:</th>
<th>Combined SVM classifier:</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>Cytoplasmic</td>
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<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
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<td>Cytoplasmic</td>
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<tr>
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<th>Combined SVM classifier:</th>
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<tr>
<td>Composition</td>
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<td>InnerMembrane</td>
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<tr>
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<tr>
<td>part-Comp.</td>
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<td>InnerMembrane</td>
</tr>
<tr>
<td>chemo-typy</td>
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<td>OuterMembrane</td>
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<td>InnerMembrane</td>
<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.1144
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.271
Di-peptide OuterMembrane 0.522
part-Comp. Extracellular 0.443
chemo-typy OuterMembrane 0.642
Neighboring OuterMembrane 0.442

Combined SVM classifier:
Extracellular 1.511 *
OuterMembrane 2.166 *
Periplasmic 0.536
InnerMembrane 0.380
Cytoplasmic 0.408

SeqID: fig|6666666.171271.peg.1145
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.247
Di-peptide OuterMembrane 0.668
part-Comp. Cytoplasmic 0.425
chemo-typy OuterMembrane 0.942
Neighboring OuterMembrane 0.791

Combined SVM classifier:
Extracellular 0.690
OuterMembrane 2.787 *
Periplasmic 0.333
InnerMembrane 0.324
Cytoplasmic 0.865

SeqID: fig|6666666.171271.peg.1146
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.897
Di-peptide Cytoplasmic 0.825
part-Comp. Cytoplasmic 0.968
chemo-typy Cytoplasmic 0.868
Neighboring Cytoplasmic 0.987

Combined SVM classifier:
Extracellular 0.016
OuterMembrane 0.102
Periplasmic 0.142
InnerMembrane 0.195
Cytoplasmic 4.546 *
SeqID: fig|6666666.171271.peg.1147
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.271
Di-peptide  Cytoplasmic  0.671
part-Comp.  Cytoplasmic  0.357
chemo-typy  Cytoplasmic  0.918
Neighboring  Extracellular  0.345

Combined SVM classifier:
Extracellular  0.833
OuterMembrane  0.249
Periplasmic  1.020
InnerMembrane  0.381
Cytoplasmic  2.518 *

SeqID: fig|6666666.171271.peg.1148
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.312
Di-peptide  OuterMembrane  0.518
part-Comp.  Extracellular  0.403
chemo-typy  Extracellular  0.373
Neighboring  Extracellular  0.650

Combined SVM classifier:
Extracellular  1.653 *
OuterMembrane  0.941
Periplasmic  1.260 *
InnerMembrane  0.117
Cytoplasmic  1.029 *

SeqID: fig|6666666.171271.peg.1149
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.598
Di-peptide  Cytoplasmic  0.605
part-Comp.  Cytoplasmic  0.829
chemo-typy  Periplasmic  0.628
Neighboring  Cytoplasmic  0.965

Combined SVM classifier:
Extracellular  0.289
OuterMembrane  0.480
Periplasmic  0.788
InnerMembrane  0.201
Cytoplasmic  3.243 *

SeqID: fig|6666666.171271.peg.1150
CELLO prediction:
### SeqID: fig|6666666.171271.peg.1151

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.462</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.779</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.755
- OuterMembrane: 0.720
- Periplasmic: 0.238
- InnerMembrane: 0.117
- Cytoplasmic: 3.170 *

### SeqID: fig|6666666.171271.peg.1152

CELLO prediction:

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<td>Di-peptide</td>
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<td>0.471</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.566</td>
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</tbody>
</table>

Combined SVM classifier:

- Extracellular: 1.776 *
- OuterMembrane: 1.461 *
- Periplasmic: 0.646
- InnerMembrane: 0.560
- Cytoplasmic: 0.557

### SeqID: fig|6666666.171271.peg.1153

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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<td>0.542</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.956</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.862</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.451
- OuterMembrane: 0.316
- Periplasmic: 0.141
- InnerMembrane: 0.087
- Cytoplasmic: 4.004 *

### SeqID: fig|6666666.171271.peg.1154

CELLO prediction:

<table>
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<th>(predictor</th>
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<th>reliable-index)</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.385</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.401
- OuterMembrane: 0.336
- Periplasmic: 0.141
- InnerMembrane: 0.087
- Cytoplasmic: 3.997 *
chemo-typy  OuterMembrane  0.633
Neighboring  OuterMembrane  0.968

Combined SVM classifier:
Extracellular  0.720
OuterMembrane  3.302 *
Periplasmic  0.173
InnerMembrane  0.168
Cytoplasmic  0.638

SeqID: fig|6666666.171271.peg.1154
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.271
Di-peptide  Cytoplasmic  0.611
part-Comp.  Cytoplasmic  0.369
chemo-typy  Periplasmic  0.450
Neighboring  OuterMembrane  0.412

Combined SVM classifier:
Extracellular  0.908
OuterMembrane  0.804
Periplasmic  0.951
InnerMembrane  0.850
Cytoplasmic  1.487 *

SeqID: fig|6666666.171271.peg.1155
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.380
Di-peptide  Cytoplasmic  0.686
part-Comp.  Cytoplasmic  0.370
chemo-typy  Cytoplasmic  0.968
Neighboring  Periplasmic  0.488

Combined SVM classifier:
Extracellular  0.416
OuterMembrane  0.868
Periplasmic  0.928
InnerMembrane  0.193
Cytoplasmic  2.597 *

SeqID: fig|6666666.171271.peg.1156
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.760
Di-peptide  Cytoplasmic  0.717
part-Comp.  Cytoplasmic  0.884
chemo-typy  Cytoplasmic  0.932
Neighboring  Cytoplasmic  0.935

Combined SVM classifier:
**CELLO prediction:**

SeqID: fig|6666666.171271.peg.1157

- **Composition:** Cytoplasmic 0.379
- **Di-peptide:** Cytoplasmic 0.717
- **part-Comp.:** Cytoplasmic 0.743
- **chemo-typy:** Periplasmic 0.420
- **Neighboring:** Cytoplasmic 0.540

**Combined SVM classifier:**

- Extracellular 0.616
- OuterMembrane 0.611
- Periplasmic 0.753
- InnerMembrane 0.423
- Cytoplasmic 2.597 *

SeqID: fig|6666666.171271.peg.1158

- **Composition:** InnerMembrane 0.355
- **Di-peptide:** InnerMembrane 1.000
- **part-Comp.:** InnerMembrane 0.529
- **chemo-typy:** InnerMembrane 0.995
- **Neighboring:** InnerMembrane 0.837

**Combined SVM classifier:**

- Extracellular 0.253
- OuterMembrane 0.170
- Periplasmic 0.336
- InnerMembrane 3.716 *
- Cytoplasmic 0.524

SeqID: fig|6666666.171271.peg.1159

- **Composition:** Cytoplasmic 0.337
- **Di-peptide:** Cytoplasmic 0.694
- **part-Comp.:** Cytoplasmic 0.683
- **chemo-typy:** Cytoplasmic 0.764
- **Neighboring:** Cytoplasmic 0.852

**Combined SVM classifier:**

- Extracellular 0.374
- OuterMembrane 0.247
- Periplasmic 0.448
- InnerMembrane 0.601
Cytoplasmic  3.331 *

SeqID: fig|6666666.171271.peg.1160
CELLO prediction:
(predictor     location     reliable-index)
Composition    Cytoplasmic    0.356
Di-peptide     Cytoplasmic    0.919
part-Comp.     Cytoplasmic    0.453
chemo-typy     Periplasmic    0.890
Neighboring    Cytoplasmic    0.415

Combined SVM classifier:
Extracellular   0.531
OuterMembrane  0.444
Periplasmic    1.362
InnerMembrane  0.461
Cytoplasmic    2.202 *

SeqID: fig|6666666.171271.peg.1161
CELLO prediction:
(predictor     location     reliable-index)
Composition    Extracellular  0.260
Di-peptide     Extracellular  0.408
part-Comp.     Cytoplasmic    0.506
chemo-typy     InnerMembrane  0.374
Neighboring    Cytoplasmic    0.573

Combined SVM classifier:
Extracellular   1.532 *
OuterMembrane  0.868
Periplasmic    0.355
InnerMembrane  0.774
Cytoplasmic    1.471 *

SeqID: fig|6666666.171271.peg.1162
CELLO prediction:
(predictor     location     reliable-index)
Composition    Cytoplasmic    0.269
Di-peptide     Cytoplasmic    0.897
part-Comp.     Cytoplasmic    0.433
chemo-typy     Cytoplasmic    0.548
Neighboring    Cytoplasmic    0.563

Combined SVM classifier:
Extracellular   0.550
OuterMembrane  0.373
Periplasmic    1.058
InnerMembrane  0.309
Cytoplasmic    2.710 *
SeqID: fig|6666666.171271.peg.1163
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.776
Di-peptide  Cytoplasmic  0.945
part-Comp.  Cytoplasmic  0.783
chemo-typy  Cytoplasmic  0.818
Neighboring  Cytoplasmic  0.959

Combined SVM classifier:
Extracellular 0.069
OuterMembrane 0.235
Periplasmic 0.191
InnerMembrane 0.224
Cytoplasmic 4.280 *

SeqID: fig|6666666.171271.peg.1164
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.978
Di-peptide  InnerMembrane  1.000
part-Comp.  InnerMembrane  0.996
chemo-typy  InnerMembrane  0.997
Neighboring  InnerMembrane  0.974

Combined SVM classifier:
Extracellular 0.010
OuterMembrane 0.006
Periplasmic 0.013
InnerMembrane 4.945 *
Cytoplasmic 0.026

SeqID: fig|6666666.171271.peg.1165
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.962
Di-peptide  Cytoplasmic  0.894
part-Comp.  Cytoplasmic  0.786
chemo-typy  Cytoplasmic  0.701
Neighboring  Cytoplasmic  0.840

Combined SVM classifier:
Extracellular 0.157
OuterMembrane 0.176
Periplasmic 0.421
InnerMembrane 0.063
Cytoplasmic 4.183 *

SeqID: fig|6666666.171271.peg.1166
CELLO prediction:
| SeqID: fig|6666666.171271.peg.1167 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Extracellular | 0.325 |
| Di-peptide | Cytoplasmic | 0.747 |
| part-Comp. | Periplasmic | 0.270 |
| chemo-typy | Periplasmic | 0.743 |
| Neighboring | Extracellular | 0.514 |

Combined SVM classifier:

| Extracellular | 1.344 * |
| OuterMembrane | 0.712 |
| Periplasmic | 1.436 * |
| InnerMembrane | 0.138 |
| Cytoplasmic | 1.370 * |

| SeqID: fig|6666666.171271.peg.1168 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.283 |
| Di-peptide | InnerMembrane | 0.764 |
| part-Comp. | Cytoplasmic | 0.416 |
| chemo-typy | Cytoplasmic | 0.446 |
| Neighboring | Cytoplasmic | 0.392 |

Combined SVM classifier:

| Extracellular | 0.666 |
| OuterMembrane | 0.349 |
| Periplasmic | 0.624 |
| InnerMembrane | 1.675 * |
| Cytoplasmic | 1.686 * |

| SeqID: fig|6666666.171271.peg.1169 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.827 |
| Di-peptide | Cytoplasmic | 0.816 |
| part-Comp. | Cytoplasmic | 0.930 |
chemo-typy  Cytoplasmic  0.995
Neighboring  Cytoplasmic  0.900

Combined SVM classifier:
Extracellular  0.093
OuterMembrane  0.051
Periplasmic  0.290
InnerMembrane  0.098
Cytoplasmic  4.468 *

*****************************************************************
******
SeqID: fig|6666666.171271.peg.1170
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.910
Di-peptide   InnerMembrane  0.999
part-Comp.   InnerMembrane  0.907
chemo-typy   InnerMembrane  0.938
Neighboring  InnerMembrane  0.977

Combined SVM classifier:
Extracellular  0.039
OuterMembrane  0.101
Periplasmic  0.044
InnerMembrane  4.732 *
Cytoplasmic  0.084

*****************************************************************
******
SeqID: fig|6666666.171271.peg.1171
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.875
Di-peptide   Cytoplasmic  0.972
part-Comp.   Cytoplasmic  0.965
chemo-typy   Cytoplasmic  0.715
Neighboring  Cytoplasmic  0.990

Combined SVM classifier:
Extracellular  0.096
OuterMembrane  0.237
Periplasmic  0.127
InnerMembrane  0.022
Cytoplasmic  4.518 *

*****************************************************************
******
SeqID: fig|6666666.171271.peg.1172
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.248
Di-peptide   InnerMembrane  0.861
part-Comp.   Cytoplasmic  0.348
chemo-typy   InnerMembrane  0.910
Neighboring  InnerMembrane  0.344

Combined SVM classifier:
Extracellular 0.506
OuterMembrane 0.296
Periplasmic 0.551
InnerMembrane 2.619 *
Cytoplasmic 1.029

SeqID: fig|6666666.171271.peg.1173
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.311
Di-peptide InnerMembrane 0.757
part-Comp. Cytoplasmic 0.607
chemo-typy InnerMembrane 0.459
Neighboring InnerMembrane 0.328

Combined SVM classifier:
Extracellular 0.451
OuterMembrane 0.585
Periplasmic 0.336
InnerMembrane 1.995 *
Cytoplasmic 1.633 *

SeqID: fig|6666666.171271.peg.1174
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.250
Di-peptide Cytoplasmic 0.812
part-Comp. Cytoplasmic 0.419
chemo-typy Cytoplasmic 0.897
Neighboring Cytoplasmic 0.609

Combined SVM classifier:
Extracellular 0.562
OuterMembrane 0.267
Periplasmic 0.765
InnerMembrane 0.419
Cytoplasmic 2.987 *

SeqID: fig|6666666.171271.peg.1175
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.338
Di-peptide Cytoplasmic 0.930
part-Comp. Cytoplasmic 0.608
chemo-typy Cytoplasmic 0.790
Neighboring Cytoplasmic 0.521

Combined SVM classifier:
Extracellular 0.587
OuterMembrane 0.498
Periplasmic 0.490
InnerMembrane 0.238
SeqID: fig|6666666.171271.peg.1176
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.242
Di-peptide Cytoplasmic 0.681
part-Comp. Cytoplasmic 0.435
chemo-typy Cytoplasmic 0.675
Neighboring Extracellular 0.492

Combined SVM classifier:
Extracellular 1.348
OuterMembrane 0.577
Periplasmic 0.557
InnerMembrane 0.325
Cytoplasmic 2.193 *

SeqID: fig|6666666.171271.peg.1177
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.574
Di-peptide InnerMembrane 0.601
part-Comp. InnerMembrane 0.458
chemo-typy InnerMembrane 0.462
Neighboring InnerMembrane 0.460

Combined SVM classifier:
Extracellular 0.977
OuterMembrane 0.755
Periplasmic 0.478
InnerMembrane 2.035 *
Cytoplasmic 0.755
**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.397</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Outer Membrane</td>
<td>0.590</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.436</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.435</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.626</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.318 *</td>
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<tr>
<td>Outer Membrane</td>
<td>1.170 *</td>
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<tr>
<td>Periplasmic</td>
<td>0.474</td>
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<tr>
<td>Inner Membrane</td>
<td>0.260</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.779 *</td>
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**CELLO prediction:**

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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.601</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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Combined SVM classifier:

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<tr>
<th>Location</th>
<th>Reliable Index</th>
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<tr>
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<tr>
<td>Outer Membrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>Inner Membrane</td>
<td>0.247</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.513 *</td>
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**CELLO prediction:**

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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.910</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
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<td>part-Comp.</td>
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<td>chemo-typy</td>
<td>Inner Membrane</td>
<td>0.978</td>
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<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
<td>0.983</td>
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Combined SVM classifier:

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<th>Reliable Index</th>
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<tr>
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<tr>
<td>Outer Membrane</td>
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<tr>
<td>Periplasmic</td>
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<td>Inner Membrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.052</td>
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<td>6666666.171271.peg.1183</td>
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<td>CELLO prediction:</td>
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<tr>
<td>predictor</td>
<td>location</td>
</tr>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.341</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.226</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.431</td>
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<tr>
<td>InnerMembrane</td>
<td>0.250</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.752 *</td>
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</tbody>
</table>

| SeqID: fig|6666666.171271.peg.1184 |
|-----------------------------------------------|
| CELLO prediction: |
| predictor | location | reliable-index |
| Composition | InnerMembrane | 0.533 |
| Di-peptide | InnerMembrane | 0.897 |
| part-Comp. | InnerMembrane | 0.686 |
| chemo-typy | InnerMembrane | 0.753 |
| Neighboring | InnerMembrane | 0.534 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.065</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.244</td>
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<tr>
<td>Periplasmic</td>
<td>0.102</td>
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<td>InnerMembrane</td>
<td>3.199 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.390</td>
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</table>

| SeqID: fig|6666666.171271.peg.1185 |
|-----------------------------------------------|
| CELLO prediction: |
| predictor | location | reliable-index |
| Composition | InnerMembrane | 0.874 |
| Di-peptide | InnerMembrane | 0.973 |
| part-Comp. | InnerMembrane | 0.884 |
SeqID: fig|6666666.171271.peg.1186
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.303
Di-peptide OuterMembrane 0.551
part-Comp. Extracellular 0.439
chemo-typy Extracellular 0.440
Neighboring OuterMembrane 0.653

Combined SVM classifier:
Extracellular 1.698 *
OuterMembrane 1.869 *
Periplasmic 0.224
InnerMembrane 0.537
Cytoplasmic 0.673

SeqID: fig|6666666.171271.peg.1187
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.313
Di-peptide OuterMembrane 0.667
part-Comp. Extracellular 0.474
chemo-typy OuterMembrane 0.666
NeighboringOuterMembrane 0.656

Combined SVM classifier:
Extracellular 1.467
OuterMembrane 2.227 *
Periplasmic 0.271
InnerMembrane 0.245
Cytoplasmic 0.789

SeqID: fig|6666666.171271.peg.1188
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.939
part-Comp. Cytoplasmic 0.374
chemo-typy Cytoplasmic 0.932
Neighboring Extracellular 0.360

Combined SVM classifier:
<table>
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<tr>
<th>Location</th>
<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.818</td>
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<tr>
<td>OuterMembrane</td>
<td>0.243</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.760</td>
</tr>
<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.821</td>
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Celldog prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.476</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.990</td>
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<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.928</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.960</td>
</tr>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.147</td>
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<tr>
<td>Periplasmic</td>
<td>0.181</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.132</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.231</td>
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</table>

Celldog prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.427</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.869</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.721</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.913</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.443</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.548</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.653</td>
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<tr>
<td>Periplasmic</td>
<td>0.239</td>
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<tr>
<td>InnerMembrane</td>
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</table>
Cytoplasmic 3.373 *

SeqID: fig|6666666.171271.peg.1192
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic 0.524
Di-peptide   OuterMembrane 0.501
part-Comp.   Periplasmic 0.487
chemo-typy   OuterMembrane 0.617
Neighboring  OuterMembrane 0.563

Combined SVM classifier:
Extracellular 1.005
OuterMembrane 2.243 *
Periplasmic 1.447
InnerMembrane 0.093
Cytoplasmic 0.212

SeqID: fig|6666666.171271.peg.1193
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane 0.448
Di-peptide   Extracellular 0.504
part-Comp.   OuterMembrane 0.563
chemo-typy   OuterMembrane 0.593
Neighboring  OuterMembrane 0.582

Combined SVM classifier:
Extracellular 1.490
OuterMembrane 2.623 *
Periplasmic 0.195
InnerMembrane 0.146
Cytoplasmic 0.546

SeqID: fig|6666666.171271.peg.1194
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.458
Di-peptide   Cytoplasmic 0.823
part-Comp.   Cytoplasmic 0.802
chemo-typy   Periplasmic 0.506
Neighboring  Cytoplasmic 0.833

Combined SVM classifier:
Extracellular 0.395
OuterMembrane 0.740
Periplasmic 0.653
InnerMembrane 0.235
Cytoplasmic 2.977 *
**SeqID: fig|6666666.171271.peg.1195**

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.510</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.838</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.696</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.655</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.833</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.295
- OuterMembrane: 1.754 *
- Periplasmic: 0.340
- InnerMembrane: 0.218
- Cytoplasmic: 2.394 *

**SeqID: fig|6666666.171271.peg.1196**

CELLO prediction:

<table>
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<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.494</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.829</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.737</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.402
- OuterMembrane: 0.291
- Periplasmic: 0.679
- InnerMembrane: 0.215
- Cytoplasmic: 3.413 *

**SeqID: fig|6666666.171271.peg.1197**

CELLO prediction:

<table>
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<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.815</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.914</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.655</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.627</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.976</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.092
- OuterMembrane: 0.466
- Periplasmic: 0.127
- InnerMembrane: 0.328
- Cytoplasmic: 3.987 *

**SeqID: fig|6666666.171271.peg.1198**

CELLO prediction:
<table>
<thead>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.970</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.989</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.984</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.026</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.023</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.071</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>4.788 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.093</td>
</tr>
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SeqID: fig|6666666.171271.peg.1199

CELLO prediction:

<table>
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<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.294</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.873</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.694</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.881</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.619</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.612</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.201</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.460</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.366</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.361 *</td>
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</tbody>
</table>

SeqID: fig|6666666.171271.peg.1200

CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.248</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.461</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.347</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.327</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.454</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.316</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.178</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.725 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1201

CELLO prediction:
chemo-typy  Periplasmic  0.862
Neighboring  Cytoplasmic  0.259

Combined SVM classifier:
Extracellular  0.636
OuterMembrane  0.334
Periplasmic  1.640 *
InnerMembrane  1.084 *
Cytoplasmic  1.306 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1202
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.975
Di-peptide  Cytoplasmic  0.908
part-Comp.  Cytoplasmic  0.838
chemo-typy  Periplasmic  0.481
Neighboring  Cytoplasmic  0.976

Combined SVM classifier:
Extracellular  0.031
OuterMembrane  0.054
Periplasmic  0.571
InnerMembrane  0.178
Cytoplasmic  4.167 *

**************************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1203
CELLO prediction:
(predictor location reliable-index)
Composition  InnerMembrane  0.250
Di-peptide  InnerMembrane  0.986
part-Comp.  Cytoplasmic  0.448
chemo-typy  InnerMembrane  0.508
Neighboring  InnerMembrane  0.488

Combined SVM classifier:
Extracellular  0.337
OuterMembrane  0.330
Periplasmic  0.654
InnerMembrane  2.642 *
Cytoplasmic  1.037

**************************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1204
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.438
Di-peptide  Cytoplasmic  0.850
part-Comp.  Cytoplasmic  0.555
chemo-typy  Cytoplasmic  0.753
Neighboring  Cytoplasmic  0.868

Combined SVM classifier:
Extracellular 0.556
OuterMembrane 0.535
Periplasmic 0.290
InnerMembrane 0.155
Cytoplasmic 3.464 *

SeqID: fig|6666666.171271.peg.1205
CELLO prediction:
(predictor  location   reliable-index)
Composition   Periplasmic   0.266
Di-peptide    Cytoplasmic   0.964
part-Comp.    Cytoplasmic   0.389
chemo-typy    Cytoplasmic   0.521
Neighboring   Cytoplasmic   0.431

Combined SVM classifier:
Extracellular 0.763
OuterMembrane 0.240
Periplasmic 1.136
InnerMembrane 0.315
Cytoplasmic 2.547 *

SeqID: fig|6666666.171271.peg.1206
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic   0.626
Di-peptide    Cytoplasmic   0.967
part-Comp.    Cytoplasmic   0.725
chemo-typy    Periplasmic   0.943
Neighboring   Cytoplasmic   0.552

Combined SVM classifier:
Extracellular 0.615
OuterMembrane 0.151
Periplasmic 1.213
InnerMembrane 0.111
Cytoplasmic 2.910 *

SeqID: fig|6666666.171271.peg.1207
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic   0.333
Di-peptide    Cytoplasmic   0.936
part-Comp.    Cytoplasmic   0.588
chemo-typy    Periplasmic   0.379
Neighboring   Cytoplasmic   0.685

Combined SVM classifier:
Extracellular 0.603
OuterMembrane 0.411
Periplasmic 0.896
InnerMembrane 0.266
Cytoplasmic 2.823 *

******
SeqID: fig|6666666.171271.peg.1208
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.542
Di-peptide  Cytoplasmic 0.821
part-Comp.  Cytoplasmic 0.610
chemo-typy  Periplasmic 0.802
Neighboring  Cytoplasmic 0.700

Combined SVM classifier:
Extracellular 0.480
OuterMembrane 0.387
Periplasmic 1.178
InnerMembrane 0.136
Cytoplasmic 2.818 *

******
SeqID: fig|6666666.171271.peg.1209
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane 0.612
Di-peptide  OuterMembrane 0.675
part-Comp.  Extracellular 0.581
chemo-typy  Cytoplasmic 0.454
Neighboring  OuterMembrane 0.700

Combined SVM classifier:
Extracellular 1.136
OuterMembrane 2.109 *
Periplasmic 0.920
InnerMembrane 0.072
Cytoplasmic 0.763

******
SeqID: fig|6666666.171271.peg.1210
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic 0.264
Di-peptide  Cytoplasmic 0.984
part-Comp.  Cytoplasmic 0.452
chemo-typy  Cytoplasmic 0.932
Neighboring  Cytoplasmic 0.618

Combined SVM classifier:
Extracellular 0.633
OuterMembrane 0.208
Periplasmic 0.591
InnerMembrane 0.332
Cytoplasmic 3.236 *
SeqID: fig|6666666.171271.peg.1211
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.531
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.686
chemo-typy Cytoplasmic 0.720
Neighboring Cytoplasmic 0.976

Combined SVM classifier:
Extracellular 0.256
OuterMembrane 0.117
Periplasmic 0.525
InnerMembrane 0.207
Cytoplasmic 3.895 *

SeqID: fig|6666666.171271.peg.1212
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.261
Di-peptide Cytoplasmic 0.718
part-Comp. Cytoplasmic 0.373
chemo-typy Cytoplasmic 0.785
Neighboring Extracellular 0.441

Combined SVM classifier:
Extracellular 1.029
OuterMembrane 0.267
Periplasmic 0.823
InnerMembrane 0.467
Cytoplasmic 2.415 *

SeqID: fig|6666666.171271.peg.1213
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.880
Di-peptide Cytoplasmic 0.945
part-Comp. Cytoplasmic 0.837
chemo-typy Cytoplasmic 0.376
Neighboring Cytoplasmic 0.960

Combined SVM classifier:
Extracellular 0.345
OuterMembrane 0.164
Periplasmic 0.420
InnerMembrane 0.074
Cytoplasmic 3.998 *

SeqID: fig|6666666.171271.peg.1214
CELLO prediction:
<table>
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<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.413</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.654</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.916</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.556</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.559</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 2.428 *
- OuterMembrane: 1.851 *
- Periplasmic: 0.249
- InnerMembrane: 0.111
- Cytoplasmic: 0.361

SeqID: fig|6666666.171271.peg.1215

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.679</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.927</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.867</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.900</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.136
- OuterMembrane: 0.197
- Periplasmic: 0.192
- InnerMembrane: 4.235 *
- Cytoplasmic: 0.241

SeqID: fig|6666666.171271.peg.1216

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.264</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.906</td>
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<td>Periplasmic</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.399</td>
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Combined SVM classifier:

- Extracellular: 1.164
- OuterMembrane: 1.049
- Periplasmic: 0.617
- InnerMembrane: 0.261
- Cytoplasmic: 1.908 *

SeqID: fig|6666666.171271.peg.1217

CELLO prediction:

<table>
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<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.418</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.441</td>
</tr>
</tbody>
</table>
chemo-typy  Periplasmic  0.488
Neighboring  Cytoplasmic  0.336

Combined SVM classifier:
Extracellular  0.961
OuterMembrane  1.163 *
Periplasmic  0.712
InnerMembrane  0.744
Cytoplasmic  1.419 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1218
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.557
Di-peptide   Cytoplasmic  0.678
part-Comp.   Cytoplasmic  0.434
chemo-typy   Periplasmic  0.553
Neighboring  Cytoplasmic  0.490

Combined SVM classifier:
Extracellular  0.516
OuterMembrane  0.716
Periplasmic  0.831
InnerMembrane  0.442
Cytoplasmic  2.495 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1219
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.671
Di-peptide   Cytoplasmic  0.962
part-Comp.   Cytoplasmic  0.595
chemo-typy   Cytoplasmic  0.878
Neighboring  Cytoplasmic  0.947

Combined SVM classifier:
Extracellular  0.332
OuterMembrane  0.153
Periplasmic  0.364
InnerMembrane  0.097
Cytoplasmic  4.053 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1220
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.302
Di-peptide   Cytoplasmic  0.583
part-Comp.   Cytoplasmic  0.388
chemo-typy   Cytoplasmic  0.829
Neighboring  Cytoplasmic  0.331

Combined SVM classifier:
Extracellular 0.801
OuterMembrane 0.456
Periplasmic 0.955
InnerMembrane 0.355
Cytoplasmic 2.433 *

SeqID: fig|6666666.171271.peg.1221
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.818
Di-peptide Extracellular 0.412
part-Comp. OuterMembrane 0.860
chemo-typy InnerMembrane 0.374
Neighboring OuterMembrane 0.914

Combined SVM classifier:
Extracellular 0.880
OuterMembrane 3.221 *
Periplasmic 0.141
InnerMembrane 0.590
Cytoplasmic 0.168

SeqID: fig|6666666.171271.peg.1222
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.910
Di-peptide InnerMembrane 0.985
part-Comp. InnerMembrane 0.849
chemo-typy InnerMembrane 0.948
Neighboring InnerMembrane 0.869

Combined SVM classifier:
Extracellular 0.063
OuterMembrane 0.061
Periplasmic 0.073
InnerMembrane 4.562 *
Cytoplasmic 0.241

SeqID: fig|6666666.171271.peg.1223
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.620
part-Comp. Cytoplasmic 0.477
chemo-typy Cytoplasmic 0.562
Neighboring OuterMembrane 0.425

Combined SVM classifier:
Extracellular 0.744
OuterMembrane 0.994
Periplasmic 0.757
InnerMembrane 0.260
Cytoplasmic  2.245 *

SeqID: fig|6666666.171271.peg.1224
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.367
Di-peptide Cytoplasmic  0.812
part-Comp. Cytoplasmic  0.592
chemo-typy Cytoplasmic  0.961
Neighboring Cytoplasmic  0.841

Combined SVM classifier:
Extracellular  0.378
OuterMembrane  0.187
Periplasmic  0.455
InnerMembrane  0.407
Cytoplasmic  3.573 *

SeqID: fig|6666666.171271.peg.1225
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.281
Di-peptide OuterMembrane  0.690
part-Comp. Cytoplasmic  0.462
chemo-typy Periplasmic  0.751
Neighboring Extracellular  0.448

Combined SVM classifier:
Extracellular  0.969
OuterMembrane  1.288 *
Periplasmic  1.144 *
InnerMembrane  0.223
Cytoplasmic  1.375 *

SeqID: fig|6666666.171271.peg.1226
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.531
Di-peptide OuterMembrane  0.427
part-Comp. Cytoplasmic  0.764
chemo-typy Periplasmic  0.891
Neighboring OuterMembrane  0.563

Combined SVM classifier:
Extracellular  0.646
OuterMembrane  1.132
Periplasmic  1.135
InnerMembrane  0.197
Cytoplasmic  1.890 *
| SeqID: fig|6666666.171271.peg.1227 | CELLO prediction: |
|-----------|-----------------------------|
| (predictor location reliable-index) | |
| Composition Cytoplasmic 0.337 | |
| Di-peptide Cytoplasmic 0.666 | |
| part-Comp. Cytoplasmic 0.749 | |
| chemo-typy Cytoplasmic 0.812 | |
| Neighboring Cytoplasmic 0.774 | |
| Combined SVM classifier: | |
| Extracellular 0.478 | |
| OuterMembrane 0.449 | |
| Periplasmic 0.305 | |
| InnerMembrane 0.429 | |
| Cytoplasmic 3.338 * | |

| SeqID: fig|6666666.171271.peg.1228 | CELLO prediction: |
|-----------|-----------------------------|
| (predictor location reliable-index) | |
| Composition Cytoplasmic 0.374 | |
| Di-peptide Cytoplasmic 0.691 | |
| part-Comp. Cytoplasmic 0.624 | |
| chemo-typy Cytoplasmic 0.434 | |
| Neighboring Cytoplasmic 0.771 | |
| Combined SVM classifier: | |
| Extracellular 0.453 | |
| OuterMembrane 0.255 | |
| Periplasmic 0.670 | |
| InnerMembrane 0.728 | |
| Cytoplasmic 2.894 * | |

| SeqID: fig|6666666.171271.peg.1229 | CELLO prediction: |
|-----------|-----------------------------|
| (predictor location reliable-index) | |
| Composition Cytoplasmic 0.494 | |
| Di-peptide OuterMembrane 0.373 | |
| part-Comp. Cytoplasmic 0.800 | |
| chemo-typy OuterMembrane 0.284 | |
| Neighboring Cytoplasmic 0.943 | |
| Combined SVM classifier: | |
| Extracellular 0.695 | |
| OuterMembrane 0.993 | |
| Periplasmic 0.223 | |
| InnerMembrane 0.415 | |
| Cytoplasmic 2.674 * | |

| SeqID: fig|6666666.171271.peg.1230 | CELLO prediction: |
(predictor  location   reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Cytoplasmic  0.690
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.630
Neighboring  Extracellular  0.405

Combined SVM classifier:
Extracellular  1.086
OuterMembrane  0.355
Periplasmic    0.972
InnerMembrane  0.443
Cytoplasmic    2.154 *

SeqID: fig|6666666.171271.peg.1231
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.271
Di-peptide   Cytoplasmic  0.581
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.787
Neighboring  Cytoplasmic  0.326

Combined SVM classifier:
Extracellular  0.898
OuterMembrane  0.277
Periplasmic    0.867
InnerMembrane  0.672
Cytoplasmic    2.285 *

SeqID: fig|6666666.171271.peg.1232
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.422
Di-peptide   Periplasmic  0.489
part-Comp.   Extracellular  0.349

Combined SVM classifier:
Extracellular  1.621 *
OuterMembrane  0.445
Periplasmic    0.897
InnerMembrane  0.552
Cytoplasmic    1.485 *

SeqID: fig|6666666.171271.peg.1233
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.422
Di-peptide   Periplasmic  0.489
part-Comp.   Extracellular  0.349

Combined SVM classifier:
Extracellular  1.621 *
OuterMembrane  0.445
Periplasmic    0.897
InnerMembrane  0.552
Cytoplasmic    1.485 *
SeqID: fig|6666666.171271.peg.1234
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.498
Di-peptide OuterMembrane 0.526
part-Comp. OuterMembrane 0.514
chemo-typy Cytoplasmic 0.452
Neighboring Cytoplasmic 0.643

Combined SVM classifier:
Extracellular 0.538
OuterMembrane 1.586 *
Periplasmic 0.589
InnerMembrane 0.133
Cytoplasmic 2.154 *

SeqID: fig|6666666.171271.peg.1235
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.451
Di-peptide OuterMembrane 0.958
part-Comp. Extracellular 0.375
chemo-typy OuterMembrane 0.477
Neighboring OuterMembrane 0.896

Combined SVM classifier:
Extracellular 0.880
OuterMembrane 3.041 *
Periplasmic 0.255
InnerMembrane 0.311
Cytoplasmic 0.514

SeqID: fig|6666666.171271.peg.1236
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.970
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.009
OuterMembrane 0.005
Periplasmic 0.009
InnerMembrane 4.966 *
Cytoplasmic 0.012

SeqID: fig|6666666.171271.peg.1237
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.492
Di-peptide Periplasmic 0.401
part-Comp. Cytoplasmic 0.377
chemo-typy Periplasmic 0.466
Neighboring InnerMembrane 0.449

Combined SVM classifier:
Extracellular 0.408
OuterMembrane 0.248
Periplasmic 1.451 *
InnerMembrane 1.284 *
Cytoplasmic 1.608 *

SeqID: fig|6666666.171271.peg.1238
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.320
Di-peptide OuterMembrane 0.422
part-Comp. Cytoplasmic 0.375
chemo-typy Extracellular 0.581
Neighboring OuterMembrane 0.332

Combined SVM classifier:
Extracellular 1.428 *
OuterMembrane 1.362 *
Periplasmic 0.525
InnerMembrane 0.105
Cytoplasmic 1.579 *

SeqID: fig|6666666.171271.peg.1239
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.260
Di-peptide Cytoplasmic 0.453
part-Comp. Cytoplasmic 0.358
chemo-typy Periplasmic 0.651
Neighboring Cytoplasmic 0.341

Combined SVM classifier:
Extracellular 0.877
OuterMembrane 0.370
Periplasmic 1.378 *
InnerMembrane 0.844
Cytoplasmic 1.531 *

SeqID: fig|6666666.171271.peg.1240
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.916
Di-peptide InnerMembrane 0.804
part-Comp. InnerMembrane 0.983
chemo-typy InnerMembrane 0.689
Neighboring InnerMembrane 0.993

Combined SVM classifier:
Extracellular 0.132
OuterMembrane 0.303
Periplasmic 0.073
InnerMembrane 4.386 *
Cytoplasmic 0.106

SeqID: fig|6666666.171271.peg.1241
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.254
Di-peptide Cytoplasmic 0.387
part-Comp. OuterMembrane 0.756
chemo-typy Extracellular 0.938
Neighboring OuterMembrane 0.875

Combined SVM classifier:
Extracellular 1.744 *
OuterMembrane 2.134 *
Periplasmic 0.297
InnerMembrane 0.208
Cytoplasmic 0.617

SeqID: fig|6666666.171271.peg.1242
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.443
Di-peptide Extracellular 0.847
part-Comp. Extracellular 0.770
chemo-typy Extracellular 0.805
Neighboring Extracellular 0.472

Combined SVM classifier:
Extracellular 3.338 *
OuterMembrane 0.538
Periplasmic 0.533
InnerMembrane 0.211
Cytoplasmic 0.380
SeqID: fig|6666666.171271.peg.1243

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.473
Di-peptide Cytoplasmic 0.966
part-Comp. Cytoplasmic 0.592
chemo-typy Cytoplasmic 0.929
Neighboring Cytoplasmic 0.845

Combined SVM classifier:

Extracellular 0.422
OuterMembrane 0.201
Periplasmic 0.400
InnerMembrane 0.172
Cytoplasmic 3.806 *

SeqID: fig|6666666.171271.peg.1244

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.788
Di-peptide Cytoplasmic 0.635
part-Comp. Cytoplasmic 0.728
chemo-typy OuterMembrane 0.522
Neighboring Cytoplasmic 0.720

Combined SVM classifier:

Extracellular 0.615
OuterMembrane 0.774
Periplasmic 0.442
InnerMembrane 0.046
Cytoplasmic 3.122 *

SeqID: fig|6666666.171271.peg.1245

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.579
Di-peptide Cytoplasmic 0.651
part-Comp. Cytoplasmic 0.680
chemo-typy Cytoplasmic 0.662
Neighboring Cytoplasmic 0.650

Combined SVM classifier:

Extracellular 0.472
OuterMembrane 0.360
Periplasmic 0.708
InnerMembrane 0.238
Cytoplasmic 3.223 *

SeqID: fig|6666666.171271.peg.1246

CELLO prediction:
## CELLO prediction:

### SeqID: fig|6666666.171271.peg.1247

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<th>Location</th>
<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
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<tr>
<td>Di-peptide</td>
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<td>Extracellular</td>
<td>0.508</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.617</td>
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**Combined SVM classifier:**

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<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
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<tr>
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</tr>
<tr>
<td>Periplasmic</td>
<td>0.209</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.077</td>
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<td>Cytoplasmic</td>
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### SeqID: fig|6666666.171271.peg.1248

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<th>Location</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.630</td>
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<tr>
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<td>Cytoplasmic</td>
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**Combined SVM classifier:**

<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.143</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.704</td>
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### SeqID: fig|6666666.171271.peg.1249

<table>
<thead>
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<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<td>Cytoplasmic</td>
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**Combined SVM classifier:**

<table>
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<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.690</td>
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<tr>
<td>OuterMembrane</td>
<td>0.349</td>
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<tr>
<td>Periplasmic</td>
<td>0.738</td>
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<tr>
<td>InnerMembrane</td>
<td>0.789</td>
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### SeqID: fig|6666666.171271.peg.1247

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<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.390</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.606</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.517</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.508</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.617</td>
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**Combined SVM classifier:**

<table>
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</tr>
<tr>
<td>Periplasmic</td>
<td>0.209</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.077</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.383</td>
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### SeqID: fig|6666666.171271.peg.1248

<table>
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<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.645</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.821</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.716</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.630</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.587</td>
</tr>
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</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
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</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Periplasmic</td>
<td>0.341</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.143</td>
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<tr>
<td>Cytoplasmic</td>
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### SeqID: fig|6666666.171271.peg.1249

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.982</td>
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<tr>
<td>Di-peptide</td>
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<td>0.957</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.987</td>
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**Combined SVM classifier:**

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<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.690</td>
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<tr>
<td>OuterMembrane</td>
<td>0.349</td>
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<tr>
<td>Periplasmic</td>
<td>0.738</td>
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<tr>
<td>InnerMembrane</td>
<td>0.789</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.317</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic 0.378</td>
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**Combined SVM classifier:**

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<tr>
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<td></td>
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<tr>
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SeqID: fig|6666666.171271.peg.1250

**CELLO prediction:**

(predictor   location   reliable-index)

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**Combined SVM classifier:**

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<tr>
<td></td>
<td>OuterMembrane 0.183</td>
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<td></td>
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<tr>
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<td>InnerMembrane 0.665</td>
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<tr>
<td></td>
<td>Cytoplasmic 2.979 *</td>
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SeqID: fig|6666666.171271.peg.1251

**CELLO prediction:**

(predictor   location   reliable-index)

<table>
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<tr>
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<td>Periplasmic 0.523</td>
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**Combined SVM classifier:**

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<td>Cytoplasmic 1.256</td>
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SeqID: fig|6666666.171271.peg.1252

**CELLO prediction:**

(predictor   location   reliable-index)

<table>
<thead>
<tr>
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<tr>
<td>Di-peptide</td>
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<td>chemo-typy</td>
<td>Cytoplasmic 0.697</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.930</td>
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**Combined SVM classifier:**
Extracellular 0.128
OuterMembrane 0.387
Periplasmic 0.210
InnerMembrane 0.103
Cytoplasmic 4.172 *

SeqID: fig|6666666.171271.peg.1253

CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.815
Di-peptide InnerMembrane 0.997
part-Comp. InnerMembrane 0.972
chemo-typy InnerMembrane 0.991
Neighboring InnerMembrane 0.995

Combined SVM classifier:
Extracellular 0.058
OuterMembrane 0.038
Periplasmic 0.057
InnerMembrane 4.769 *
Cytoplasmic 0.077

SeqID: fig|6666666.171271.peg.1254

CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.790
Di-peptide InnerMembrane 0.991
part-Comp. InnerMembrane 0.970
chemo-typy InnerMembrane 0.919
Neighboring InnerMembrane 0.927

Combined SVM classifier:
Extracellular 0.074
OuterMembrane 0.109
Periplasmic 0.087
InnerMembrane 4.597 *
Cytoplasmic 0.134

SeqID: fig|6666666.171271.peg.1255

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.885
Di-peptide Cytoplasmic 0.972
part-Comp. Cytoplasmic 0.983
chemo-typy Cytoplasmic 0.839
Neighboring Cytoplasmic 0.981

Combined SVM classifier:
Extracellular 0.055
OuterMembrane 0.117
Periplasmic 0.078
InnerMembrane 0.090
**Cytoplasmic** 4.660 *

SeqID: fig|6666666.171271.peg.1256

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1257

CELLO prediction:

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Combined SVM classifier:

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<tr>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1258

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.601</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.760</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.696</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.720</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.660</td>
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Combined SVM classifier:

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<th>reliable-index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>3.437 *</td>
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<tr>
<td>OuterMembrane</td>
<td>0.332</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.523</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.314</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.395</td>
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SeqID: fig|6666666.171271.peg.1259
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.746
Di-peptide  Cytoplasmic  0.950
part-Comp.  Cytoplasmic  0.843
chemo-typy  Cytoplasmic  0.962
Neighboring  Cytoplasmic  0.967

Combined SVM classifier:
Extracellular  0.118
OuterMembrane  0.085
Periplasmic  0.110
InnerMembrane  0.218
Cytoplasmic  4.470 *

SeqID: fig|6666666.171271.peg.1260
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.946
Di-peptide  Cytoplasmic  0.501
part-Comp.  Cytoplasmic  0.965
chemo-typy  Cytoplasmic  0.896
Neighboring  Cytoplasmic  0.685

Combined SVM classifier:
Extracellular  0.155
OuterMembrane  0.059
Periplasmic  0.461
InnerMembrane  0.332
Cytoplasmic  3.992 *

SeqID: fig|6666666.171271.peg.1261
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.332
Di-peptide  OuterMembrane  0.623
part-Comp.  Extracellular  0.462
chemo-typy  OuterMembrane  0.411
Neighboring  OuterMembrane  0.588

Combined SVM classifier:
Extracellular  1.497 *
OuterMembrane  1.836 *
Periplasmic  0.605
InnerMembrane  0.536
Cytoplasmic  0.527

SeqID: fig|6666666.171271.peg.1262
CELLO prediction:
CELLO prediction:

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<tr>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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Combined SVM classifier:

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<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.040</td>
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<tr>
<td>Periplasmic</td>
<td>1.246</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.245</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.385 *</td>
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<tr>
<td>Chemo-Typy</td>
<td>Inner Membrane</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------</td>
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<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
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Combined SVM classifier:

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<tr>
<th>Location</th>
<th>SVM Score</th>
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<tr>
<td>Extracellular</td>
<td>0.047</td>
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<tr>
<td>Outer Membrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>Inner Membrane</td>
<td>3.988 (*)</td>
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<td>Cytoplasmic</td>
<td>0.554</td>
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SeqID: fig|6666666.171271.peg.1266

CELLO prediction:

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<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.522</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.890</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.551</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.736</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.651</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.593</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.279</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.021</td>
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<tr>
<td>Inner Membrane</td>
<td>0.248</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.859 (*)</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1267

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.335</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.951</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.659</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.925</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.535</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.893</td>
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<tr>
<td>Outer Membrane</td>
<td>0.186</td>
</tr>
<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>Inner Membrane</td>
<td>0.202</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.403 (*)</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.1268

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.890</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.963</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.888</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.830</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
Extracellular 0.085
OuterMembrane 0.144
Periplasmic 0.111
InnerMembrane 0.122
Cytoplasmic 4.538 *

SeqID: fig|6666666.171271.peg.1269
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Periplasmic 0.426
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.522
Neighboring Cytoplasmic 0.337

Combined SVM classifier:
Extracellular 0.859
OuterMembrane 0.267
Periplasmic 1.360 *
InnerMembrane 0.910
Cytoplasmic 1.603 *

SeqID: fig|6666666.171271.peg.1270
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Cytoplasmic 0.624
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.756
Neighboring Cytoplasmic 0.364

Combined SVM classifier:
Extracellular 0.832
OuterMembrane 0.251
Periplasmic 1.023
InnerMembrane 0.556
Cytoplasmic 2.337 *

SeqID: fig|6666666.171271.peg.1271
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.485
Di-peptide OuterMembrane 0.661
part-Comp. Cytoplasmic 0.549
chemo-typy OuterMembrane 0.481
Neighboring OuterMembrane 0.493

Combined SVM classifier:
Extracellular 0.983
OuterMembrane 1.986 *
Periplasmic 0.316
InnerMembrane 0.207
| SeqID: fig|6666666.171271.peg.1272 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.524 |
| Di-peptide | Cytoplasmic | 0.926 |
| part-Comp. | Cytoplasmic | 0.847 |
| chemo-typy | Cytoplasmic | 0.545 |
| Neighboring | Cytoplasmic | 0.790 |
| Combined SVM classifier: |
| Extracellular | 0.348 |
| OuterMembrane | 0.250 |
| Periplasmic | 0.555 |
| InnerMembrane | 0.216 |
| Cytoplasmic | 3.632 * |

| SeqID: fig|6666666.171271.peg.1273 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.331 |
| Di-peptide | Cytoplasmic | 0.688 |
| part-Comp. | Cytoplasmic | 0.807 |
| chemo-typy | Extracellular | 0.401 |
| Neighboring | Cytoplasmic | 0.851 |
| Combined SVM classifier: |
| Extracellular | 0.767 |
| OuterMembrane | 0.384 |
| Periplasmic | 0.651 |
| InnerMembrane | 0.360 |
| Cytoplasmic | 2.839 * |

| SeqID: fig|6666666.171271.peg.1274 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.492 |
| Di-peptide | Cytoplasmic | 0.790 |
| part-Comp. | Cytoplasmic | 0.877 |
| chemo-typy | Cytoplasmic | 0.762 |
| Neighboring | Cytoplasmic | 0.817 |
| Combined SVM classifier: |
| Extracellular | 0.346 |
| OuterMembrane | 0.350 |
| Periplasmic | 0.377 |
| InnerMembrane | 0.189 |
| Cytoplasmic | 3.738 * |
| SeqID: fig|6666666.171271.peg.1275 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.341 |
| Di-peptide | Cytoplasmic | 0.551 |
| part-Comp. | Cytoplasmic | 0.623 |
| chemo-typy | Cytoplasmic | 0.728 |
| Neighboring | Cytoplasmic | 0.520 |

Combined SVM classifier:

- Extracellular: 1.024
- OuterMembrane: 0.383
- Periplasmic: 0.646
- InnerMembrane: 0.184
- Cytoplasmic: 2.764 *

| SeqID: fig|6666666.171271.peg.1276 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.748 |
| Di-peptide | Cytoplasmic | 0.910 |
| part-Comp. | Cytoplasmic | 0.971 |
| chemo-typy | Cytoplasmic | 0.864 |
| Neighboring | Cytoplasmic | 0.945 |

Combined SVM classifier:

- Extracellular: 0.164
- OuterMembrane: 0.266
- Periplasmic: 0.069
- InnerMembrane: 0.062
- Cytoplasmic: 4.439 *

| SeqID: fig|6666666.171271.peg.1277 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.541 |
| Di-peptide | Cytoplasmic | 0.659 |
| part-Comp. | Cytoplasmic | 0.864 |
| chemo-typy | Cytoplasmic | 0.559 |
| Neighboring | Cytoplasmic | 0.857 |

Combined SVM classifier:

- Extracellular: 0.388
- OuterMembrane: 0.634
- Periplasmic: 0.356
- InnerMembrane: 0.142
- Cytoplasmic: 3.480 *

| SeqID: fig|6666666.171271.peg.1278 |
|---|
| CELLO prediction: |
SeqID: fig|6666666.171271.peg.1279
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.507
Di-peptide   OuterMembrane  0.475
part-Comp.   Cytoplasmic  0.683
chemo-typy   Periplasmic  0.477
Neighboring  Cytoplasmic  0.916

Combined SVM classifier:
Extracellular  0.546
OuterMembrane  0.946
Periplasmic    0.672
InnerMembrane 0.264
Cytoplasmic   2.572 *

SeqID: fig|6666666.171271.peg.1280
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.357
Di-peptide   Cytoplasmic  0.932
part-Comp.   Cytoplasmic  0.862
chemo-typy   Cytoplasmic  0.670
Neighboring  Cytoplasmic  0.870

Combined SVM classifier:
Extracellular  0.322
OuterMembrane 0.339
Periplasmic    0.353
InnerMembrane 0.296
Cytoplasmic   3.690 *

SeqID: fig|6666666.171271.peg.1281
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.261
Di-peptide   Cytoplasmic  0.878
part-Comp.   Extracellular 0.446
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.453</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.872</td>
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Combined SVM classifier:
Extracellular 0.468
OuterMembrane 1.133
Periplasmic 0.299
InnerMembrane 0.100
Cytoplasmic 3.000 *

SeqID: fig|6666666.171271.peg.1283

CELLO prediction:

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<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>Extracellular</td>
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<td>OuterMembrane</td>
<td>0.372</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.737</td>
</tr>
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Combined SVM classifier:
Extracellular 2.353 *
OuterMembrane 1.167
Periplasmic 0.396
InnerMembrane 0.523
Cytoplasmic 0.562

SeqID: fig|6666666.171271.peg.1284

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.618</td>
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<td>Cytoplasmic</td>
<td>0.325</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.619</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.312</td>
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Combined SVM classifier:
Extracellular 0.851
OuterMembrane 0.698
Periplasmic 1.305 *
InnerMembrane 0.308
Cytoplasmic 1.838 *

SeqID: fig|6666666.171271.peg.1285

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.328
Di-peptide  Cytoplasmic 0.779
part-Comp.  Cytoplasmic 0.398
chemo-typy  Cytoplasmic 0.948
Neighboring  Cytoplasmic 0.624

Combined SVM classifier:
Extracellular 0.656
OuterMembrane 0.239
Periplasmic 0.545
InnerMembrane 0.484
Cytoplasmic 3.076 *

SeqID: fig|6666666.171271.peg.1286

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.346
Di-peptide  Cytoplasmic 0.786
part-Comp.  Cytoplasmic 0.435
chemo-typy  Periplasmic 0.843
Neighboring  Cytoplasmic 0.336

Combined SVM classifier:
Extracellular 0.497
OuterMembrane 0.534
Periplasmic 1.561 *
InnerMembrane 0.412
Cytoplasmic 1.996 *

SeqID: fig|6666666.171271.peg.1287

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.302
Di-peptide  Cytoplasmic 0.594
part-Comp.  Cytoplasmic 0.463
chemo-typy  Cytoplasmic 0.747
Neighboring  OuterMembrane 0.595

Combined SVM classifier:
Extracellular 0.679
OuterMembrane 1.137
Periplasmic 0.585
InnerMembrane 0.285
Cytoplasmic 2.313 *

SeqID: fig|6666666.171271.peg.1288
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Cytoplasmic 0.662
part-Comp. Cytoplasmic 0.369
chemo-typy Periplasmic 0.534
Neighboring Cytoplasmic 0.443

Combined SVM classifier:
Extracellular 0.681
OuterMembrane 0.454
Periplasmic 1.270
InnerMembrane 0.467
Cytoplasmic 2.128 *

SeqID: fig|6666666.171271.peg.1289
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.268
Di-peptide Cytoplasmic 0.502
part-Comp. Cytoplasmic 0.353
chemo-typy Periplasmic 0.813
Neighboring Cytoplasmic 0.534

Combined SVM classifier:
Extracellular 0.532
OuterMembrane 0.220
Periplasmic 1.771 *
InnerMembrane 0.762
Cytoplasmic 1.715 *

SeqID: fig|6666666.171271.peg.1290
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.656
Di-peptide OuterMembrane 0.754
part-Comp. Extracellular 0.639
chemo-typy InnerMembrane 0.518
Neighboring OuterMembrane 0.809

Combined SVM classifier:
Extracellular 1.074
OuterMembrane 2.586 *
Periplasmic 0.272
InnerMembrane 0.896
Cytoplasmic 0.171
| SeqID: fig|6666666.171271.peg.1291 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.497 |
| Di-peptide | Cytoplasmic | 0.957 |
| part-Comp. | Cytoplasmic | 0.714 |
| chemo-typy | Cytoplasmic | 0.898 |
| Neighboring | Cytoplasmic | 0.493 |

Combined SVM classifier:
- Extracellular: 0.361
- OuterMembrane: 0.755
- Periplasmic: 0.186
- InnerMembrane: 0.139
- Cytoplasmic: 3.559 *

| SeqID: fig|6666666.171271.peg.1292 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.306 |
| Di-peptide | OuterMembrane | 0.436 |
| part-Comp. | OuterMembrane | 0.676 |
| chemo-typy | Extracellular | 0.639 |
| Neighboring | OuterMembrane | 0.630 |

Combined SVM classifier:
- Extracellular: 1.665 *
- OuterMembrane: 2.152 *
- Periplasmic: 0.678
- InnerMembrane: 0.152
- Cytoplasmic: 0.352

| SeqID: fig|6666666.171271.peg.1293 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.273 |
| Di-peptide | Cytoplasmic | 0.510 |
| part-Comp. | Cytoplasmic | 0.367 |
| chemo-typy | Extracellular | 0.535 |
| Neighboring | Extracellular | 0.469 |

Combined SVM classifier:
- Extracellular: 1.799 *
- OuterMembrane: 0.494
- Periplasmic: 0.774
- InnerMembrane: 0.344
- Cytoplasmic: 1.590 *

| SeqID: fig|6666666.171271.peg.1294 |
| CELLO prediction: |
CELLO prediction:

(predictor  location   reliable-index)
Composition           OuterMembrane 0.528
Di-peptide            Extracellular 0.321
part-Comp.             Extracellular 0.504
chemo-typy            Cytoplasmic 0.357
Neighboring           OuterMembrane 0.645

Combined SVM classifier:
Extracellular 1.254 *
OuterMembrane 1.876 *
Periplasmic 0.624
InnerMembrane 0.351
Cytoplasmic 0.894
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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<tr>
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<td>Cytoplasmic</td>
<td>2.431 *</td>
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SeqID: fig|6666666.171271.peg.1299

CELLO prediction:

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<tr>
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<tr>
<td>Composition</td>
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<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
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<td>Combined SVM classifier:</td>
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SeqID: fig|6666666.171271.peg.1300

CELLO prediction:

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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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Combined SVM classifier:
Extracellular 0.589
OuterMembrane 0.392
Periplasmic 1.254
InnerMembrane 0.333
Cytoplasmic 2.431 *

SeqID: fig|6666666.171271.peg.1301
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.362
Di-peptide Extracellular 0.588
part-Comp. Cytoplasmic 0.619
chemo-typy Extracellular 0.456
Neighboring Cytoplasmic 0.378

Combined SVM classifier:
Extracellular 1.809 *
OuterMembrane 1.113 *
Periplasmic 0.417
InnerMembrane 0.051
Cytoplasmic 1.610 *

SeqID: fig|6666666.171271.peg.1302
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.269
Di-peptide OuterMembrane 0.679
part-Comp. Cytoplasmic 0.534
chemo-typy Periplasmic 0.734
Neighboring Cytoplasmic 0.481

Combined SVM classifier:
Extracellular 0.840
OuterMembrane 0.993
Periplasmic 1.207 *
InnerMembrane 0.409
Cytoplasmic 1.551 *

SeqID: fig|6666666.171271.peg.1303
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.234
Di-peptide OuterMembrane 0.425
part-Comp. OuterMembrane 0.491
chemo-typy OuterMembrane 0.620
Neighboring OuterMembrane 0.619

Combined SVM classifier:
Extracellular 0.889
OuterMembrane 2.328 *
Periplasmic 0.415
InnerMembrane 0.510
| SeqID: fig|6666666.171271.peg.1304 |
|--------------------------------|
| CELLO prediction: |
| *(predictor location reliable-index)* |
| Composition | Cytoplasmic | 0.683 |
| Di-peptide | Cytoplasmic | 0.684 |
| part-Comp. | Cytoplasmic | 0.290 |
| chemo-typy | Periplasmic | 0.949 |
| Neighboring | OuterMembrane | 0.643 |
| Combined SVM classifier: |
| Extracellular | 0.482 |
| OuterMembrane | 1.094 |
| Periplasmic | 1.132 |
| InnerMembrane | 0.423 |
| Cytoplasmic | 1.870 |

| SeqID: fig|6666666.171271.peg.1305 |
|--------------------------------|
| CELLO prediction: |
| *(predictor location reliable-index)* |
| Composition | Cytoplasmic | 0.268 |
| Di-peptide | Cytoplasmic | 0.727 |
| part-Comp. | Cytoplasmic | 0.491 |
| chemo-typy | Cytoplasmic | 0.883 |
| Neighboring | Cytoplasmic | 0.356 |
| Combined SVM classifier: |
| Extracellular | 0.704 |
| OuterMembrane | 0.393 |
| Periplasmic | 0.848 |
| InnerMembrane | 0.330 |
| Cytoplasmic | 2.725 |

| SeqID: fig|6666666.171271.peg.1306 |
|--------------------------------|
| CELLO prediction: |
| *(predictor location reliable-index)* |
| Composition | Cytoplasmic | 0.280 |
| Di-peptide | Cytoplasmic | 0.697 |
| part-Comp. | Cytoplasmic | 0.314 |
| chemo-typy | Cytoplasmic | 0.637 |
| Neighboring | Extracellular | 0.443 |
| Combined SVM classifier: |
| Extracellular | 1.257 |
| OuterMembrane | 0.735 |
| Periplasmic | 0.631 |
| InnerMembrane | 0.277 |
| Cytoplasmic | 2.099 |
SeqID: fig|6666666.171271.peg.1307
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.268
Di-peptide   Cytoplasmic  0.454
part-Comp.   Cytoplasmic  0.358
chemo-typy   Cytoplasmic  0.821
Neighboring  Extracellular 0.479

Combined SVM classifier:
Extracellular  1.182
OuterMembrane 0.529
Periplasmic  0.902
InnerMembrane 0.379
Cytoplasmic  2.007 *

SeqID: fig|6666666.171271.peg.1308
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide   Cytoplasmic  0.704
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.604
Neighboring  Extracellular 0.349

Combined SVM classifier:
Extracellular  0.940
OuterMembrane 0.272
Periplasmic  0.984
InnerMembrane 0.599
Cytoplasmic  2.205 *

SeqID: fig|6666666.171271.peg.1309
CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular 0.246
Di-peptide   Extracellular 0.759
part-Comp.   Extracellular 0.475
chemo-typy   Extracellular 0.637
Neighboring  Extracellular 0.519

Combined SVM classifier:
Extracellular  2.636 *
OuterMembrane 1.179
Periplasmic  0.409
InnerMembrane 0.265
Cytoplasmic  0.511

SeqID: fig|6666666.171271.peg.1310
CELLO prediction:
(predictor  location  reliable-index)
Composition Cytoplasmic 0.480
Di-peptide Cytoplasmic 0.532
part-Comp. Cytoplasmic 0.637
chemo-typy Cytoplasmic 0.800
Neighboring Cytoplasmic 0.844

Combined SVM classifier:
Extracellular 0.308
OuterMembrane 0.499
Periplasmic 0.383
InnerMembrane 0.516
Cytoplasmic 3.294 *

SeqID: fig|6666666.171271.peg.1311
CELLO prediction:
(predictor  location  reliable-index)
Composition Extracellular 0.768
Di-peptide OuterMembrane 0.479
part-Comp. Extracellular 0.707
chemo-typy Cytoplasmic 0.313
Neighboring Extracellular 0.712

Combined SVM classifier:
Extracellular 2.718 *
OuterMembrane 1.149
Periplasmic 0.264
InnerMembrane 0.130
Cytoplasmic 0.739

SeqID: fig|6666666.171271.peg.1313
CELLO prediction:
(predictor  location  reliable-index)
Composition InnerMembrane 0.804
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.991
chemo-typy InnerMembrane 0.999
Neighboring InnerMembrane 0.974

Combined SVM classifier:
Extracellular 0.054
OuterMembrane 0.042
Periplasmic 0.059
InnerMembrane 4.768 *
Cytoplasmic 0.078

SeqID: fig|6666666.171271.peg.1314
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.520
Di-peptide Cytoplasmic 0.558
part-Comp. Cytoplasmic 0.887
chemo-typy Cytoplasmic 0.689
Neighboring Cytoplasmic 0.869

Combined SVM classifier:
Extracellular 0.433
OuterMembrane 0.295
Periplasmic 0.400
InnerMembrane 0.350
Cytoplasmic 3.522 *

SeqID: fig|6666666.171271.peg.1315
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.387
Di-peptide OuterMembrane 0.888
part-Comp. OuterMembrane 0.541
chemo-typy OuterMembrane 0.511
Neighboring OuterMembrane 0.532

Combined SVM classifier:
Extracellular 0.160
OuterMembrane 0.396
Periplasmic 0.068
InnerMembrane 2.092 *
Cytoplasmic 2.284 *

SeqID: fig|6666666.171271.peg.1316
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.387
Di-peptide OuterMembrane 0.888
part-Comp. OuterMembrane 0.541
chemo-typy Extracellular 0.511
Neighboring OuterMembrane 0.532

Combined SVM classifier:
Extracellular  1.275
OuterMembrane  2.812 *
Periplasmic  0.311
InnerMembrane  0.402
Cytoplasmic  0.200

SeqID: fig|6666666.171271.peg.1317
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.629
Di-peptide  OuterMembrane  0.770
part-Comp.  OuterMembrane  0.661
chemo-typy  OuterMembrane  0.679
Neighboring  OuterMembrane  0.904

Combined SVM classifier:
Extracellular  0.286
OuterMembrane  3.642 *
Periplasmic  0.189
InnerMembrane  0.685
Cytoplasmic  0.198

SeqID: fig|6666666.171271.peg.1318
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.775
Di-peptide  Cytoplasmic  0.650
part-Comp.  Cytoplasmic  0.851
chemo-typy  Cytoplasmic  0.845
Neighboring  Cytoplasmic  0.747

Combined SVM classifier:
Extracellular  0.145
OuterMembrane  0.156
Periplasmic  0.593
InnerMembrane  0.238
Cytoplasmic  3.867 *

SeqID: fig|6666666.171271.peg.1319
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.271
Di-peptide  Cytoplasmic  0.796
part-Comp.  Cytoplasmic  0.357
chemo-typy  Cytoplasmic  0.896
Neighboring  Cytoplasmic  0.352

Combined SVM classifier:
Extracellular  0.733
OuterMembrane  0.258
Periplasmic  0.894
InnerMembrane  0.478
Cytoplasmic 2.636 *

SeqID: fig|6666666.171271.peg.1320
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.892
Di-peptide Cytoplasmic 0.916
part-Comp. Cytoplasmic 0.693
chemo-typy Cytoplasmic 0.662
Neighbors Cytoplasmic 0.946

Combined SVM classifier:
Extracellular 0.017
OuterMembrane 0.032
Periplasmic 0.677
InnerMembrane 0.166
Cytoplasmic 4.108 *

SeqID: fig|6666666.171271.peg.1321
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.369
Di-peptide OuterMembrane 0.903
part-Comp. Cytoplasmic 0.404
chemo-typy Periplasmic 0.364
Neighbors Cytoplasmic 0.365

Combined SVM classifier:
Extracellular 0.956
OuterMembrane 1.839 *
Periplasmic 0.706
InnerMembrane 0.321
Cytoplasmic 1.178 *

SeqID: fig|6666666.171271.peg.1322
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.620
Di-peptide InnerMembrane 0.937
part-Comp. Cytoplasmic 0.528
chemo-typy InnerMembrane 0.907
Neighbors InnerMembrane 0.887

Combined SVM classifier:
Extracellular 0.055
OuterMembrane 0.096
Periplasmic 0.046
InnerMembrane 3.455 *
Cytoplasmic 1.349
SeqID: fig|6666666.171271.peg.1323
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.338
Di-peptide  InnerMembrane  0.877
part-Comp.  InnerMembrane  0.603
chemo-typy  InnerMembrane  0.967
Neighboring  InnerMembrane  0.787

Combined SVM classifier:
Extracellular  0.228
OuterMembrane  0.391
Periplasmic  0.246
InnerMembrane  3.572 *
Cytoplasmic  0.563

SeqID: fig|6666666.171271.peg.1324
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.772
Di-peptide  Cytoplasmic  0.444
part-Comp.  Cytoplasmic  0.843
chemo-typy  Periplasmic  0.351
Neighboring  OuterMembrane  0.470

Combined SVM classifier:
Extracellular  0.209
OuterMembrane  1.042
Periplasmic  0.472
InnerMembrane  0.766
Cytoplasmic  2.510 *

SeqID: fig|6666666.171271.peg.1325
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide  Periplasmic  0.365
part-Comp.  Cytoplasmic  0.351
chemo-typy  Cytoplasmic  0.559
Neighboring  Extracellular  0.365

Combined SVM classifier:
Extracellular  1.247 *
OuterMembrane  0.379
Periplasmic  1.242 *
InnerMembrane  0.635
Cytoplasmic  1.497 *

SeqID: fig|6666666.171271.peg.1326
CELLO prediction:
(predictor  location   reliable-index)
Composition    InnerMembrane  0.993
Di-peptide     InnerMembrane  1.000
part-Comp.     InnerMembrane  0.990
chemo-typy     InnerMembrane  0.981
Neighboring    InnerMembrane  0.997

Combined SVM classifier:
Extracellular  0.004
OuterMembrane  0.005
Periplasmic    0.009
InnerMembrane 4.961 *
Cytoplasmic   0.021

SeqID: fig|6666666.171271.peg.1327
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic  0.906
Di-peptide     Periplasmic  0.736
part-Comp.     Periplasmic  0.813
chemo-typy     Cytoplasmic  0.428
Neighboring    Periplasmic  0.780

Combined SVM classifier:
Extracellular  0.207
OuterMembrane  0.215
Periplasmic    3.533 *
InnerMembrane  0.176
Cytoplasmic   0.869

SeqID: fig|6666666.171271.peg.1328
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.389
Di-peptide     Cytoplasmic  0.698
part-Comp.     Cytoplasmic  0.612

Combined SVM classifier:
Extracellular  0.608
OuterMembrane  0.248
Periplasmic    0.776
InnerMembrane  2.189 *
Cytoplasmic   1.179

SeqID: fig|6666666.171271.peg.1329
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.389
Di-peptide     Cytoplasmic  0.698
part-Comp.     Cytoplasmic  0.612

Combined SVM classifier:
Extracellular  0.608
OuterMembrane  0.248
Periplasmic    0.776
InnerMembrane  2.189 *
Cytoplasmic   1.179
chemo-typy  Cytoplasmic  0.511
Neighboring  Cytoplasmic  0.541

Combined SVM classifier:
Extracellular  0.807
OuterMembrane  0.546
Periplasmic  0.606
InnerMembrane  0.289
Cytoplasmic  2.752 *

**********************
SeqID: fig|6666666.171271.peg.1330
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.324
Di-peptide  Cytoplasmic  0.919
part-Comp.  Cytoplasmic  0.340
chemo-typy  Periplasmic  0.596
Neighboring  Cytoplasmic  0.624

Combined SVM classifier:
Extracellular  0.783
OuterMembrane  0.299
Periplasmic  1.095
InnerMembrane  0.305
Cytoplasmic  2.518 *

**********************
SeqID: fig|6666666.171271.peg.1331
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.516
Di-peptide  OuterMembrane  0.499
part-Comp.  Extracellular  0.836
chemo-typy  Extracellular  0.874
Neighboring  OuterMembrane  0.505

Combined SVM classifier:
Extracellular  0.734
OuterMembrane  0.155
Periplasmic  0.673
InnerMembrane  0.298
Cytoplasmic  3.140 *

**********************
SeqID: fig|6666666.171271.peg.1332
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.516
Di-peptide  OuterMembrane  0.499
part-Comp.  Extracellular  0.836
chemo-typy  Extracellular  0.874
Neighboring  OuterMembrane  0.505

Combined SVM classifier:
Extracellular 3.089 *
OuterMembrane 1.427
Periplasmic 0.163
InnerMembrane 0.128
Cytoplasmic 0.193

SeqID: fig\|6666666.171271.peg.1333
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.443
Di-peptide Cytoplasmic 0.869
part-Comp. Cytoplasmic 0.702
chemo-typy Cytoplasmic 0.429
Neighboring Cytoplasmic 0.411

Combined SVM classifier:
Extracellular 0.447
OuterMembrane 0.815
Periplasmic 0.689
InnerMembrane 0.196
Cytoplasmic 2.854 *

SeqID: fig\|6666666.171271.peg.1334
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.524
Di-peptide InnerMembrane 0.805
part-Comp. Cytoplasmic 0.378
chemo-typy Cytoplasmic 0.600
Neighboring InnerMembrane 0.552

Combined SVM classifier:
Extracellular 0.703
OuterMembrane 0.222
Periplasmic 0.467
InnerMembrane 2.245 *
Cytoplasmic 1.362

SeqID: fig\|6666666.171271.peg.1335
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.938
Di-peptide InnerMembrane 0.989
part-Comp. InnerMembrane 0.984
chemo-typy InnerMembrane 0.951
Neighboring InnerMembrane 0.951

Combined SVM classifier:
Extracellular 0.023
OuterMembrane 0.052
Periplasmic 0.061
InnerMembrane 4.812 *
Cytoplasmic 0.052

SeqID: fig|6666666.171271.peg.1336
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.515
Di-peptide Cytoplasmic 0.551
part-Comp. Periplasmic 0.575
chemo-typy Cytoplasmic 0.955
Neighboring Cytoplasmic 0.671

Combined SVM classifier:
Extracellular 0.039
OuterMembrane 0.002
Periplasmic 1.848
InnerMembrane 0.132
Cytoplasmic 2.979 *

SeqID: fig|6666666.171271.peg.1337
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.320
Di-peptide Cytoplasmic 0.677
part-Comp. Cytoplasmic 0.369
chemo-typy Cytoplasmic 0.802
Neighboring Cytoplasmic 0.440

Combined SVM classifier:
Extracellular 0.559
OuterMembrane 0.203
Periplasmic 1.214
InnerMembrane 0.474
Cytoplasmic 2.550 *

SeqID: fig|6666666.171271.peg.1338
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.422
Di-peptide Cytoplasmic 0.829
part-Comp. Extracellular 0.429
chemo-typy Cytoplasmic 0.534
Neighboring Cytoplasmic 0.780

Combined SVM classifier:
Extracellular 0.963
OuterMembrane 0.136
Periplasmic 0.770
InnerMembrane 0.224
Cytoplasmic 2.908 *
SeqID: fig|666666.171271.peg.1339
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.861
Di-peptide   Cytoplasmic  0.774
part-Comp.   Cytoplasmic  0.713
chemo-typy  InnerMembrane  0.488
Neighboring  Cytoplasmic  0.865

Combined SVM classifier:
Extracellular  0.127
OuterMembrane  0.074
Periplasmic  0.801
InnerMembrane  0.618
Cytoplasmic  3.380 *

SeqID: fig|666666.171271.peg.1340
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.776
Di-peptide   Cytoplasmic  0.842
part-Comp.   Cytoplasmic  0.847
chemo-typy  Extracellular  0.352
Neighboring  Cytoplasmic  0.909

Combined SVM classifier:
Extracellular  0.614
OuterMembrane  0.198
Periplasmic  0.418
InnerMembrane  0.106
Cytoplasmic  3.664 *

SeqID: fig|666666.171271.peg.1341
CELLO prediction:

(predictor  location   reliable-index)
Composition  InnerMembrane  0.421
Di-peptide   InnerMembrane  0.999
part-Comp.   InnerMembrane  0.444
chemo-typy  InnerMembrane  0.906
Neighboring  InnerMembrane  0.831

Combined SVM classifier:
Extracellular  0.241
OuterMembrane  0.193
Periplasmic  0.285
InnerMembrane  3.602 *
Cytoplasmic  0.679

SeqID: fig|666666.171271.peg.1342
CELLO prediction:
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<th>location</th>
<th>reliable-index</th>
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<td>Composition</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.614</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.949</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.285</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.967</td>
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Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.294</td>
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<td>InnerMembrane</td>
<td>0.453</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.732 *</td>
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SeqID: fig|6666666.171271.peg.1343
CELLO prediction:

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<th>location</th>
<th>reliable-index</th>
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<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.869</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.801</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.809</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.374</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.584</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.276</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.477</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.289 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1344
CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.315</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.426</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.325</td>
</tr>
</tbody>
</table>
chemo-typy    OuterMembrane  0.423
              Neighboring    Cytoplasmic  0.486

Combined SVM classifier:
  Extracellular      1.378 *
  OuterMembrane      1.391 *
  Periplasmic        0.377
  InnerMembrane      0.241
  Cytoplasmic        1.613 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1346
CELLO prediction:
(predictor    location   reliable-index)
Composition   Cytoplasmic  0.450
Di-peptide    InnerMembrane 0.940
part-Comp.    Cytoplasmic  0.647
chemo-typy    Cytoplasmic  0.493
Neighboring   InnerMembrane 0.716

Combined SVM classifier:
  Extracellular 0.191
  OuterMembrane 0.212
  Periplasmic 0.218
  InnerMembrane 2.471 *
  Cytoplasmic 1.908 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1347
CELLO prediction:
(predictor    location   reliable-index)
Composition   Cytoplasmic  0.420
Di-peptide    OuterMembrane 0.828
part-Comp.    OuterMembrane 0.386
chemo-typy    Cytoplasmic  0.497
Neighboring   OuterMembrane 0.501

Combined SVM classifier:
  Extracellular 0.941
  OuterMembrane 2.000 *
  Periplasmic 0.476
  InnerMembrane 0.134
  Cytoplasmic 1.449 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1348
CELLO prediction:
(predictor    location   reliable-index)
Composition   Cytoplasmic  0.272
Di-peptide    Cytoplasmic  0.929
part-Comp.    Cytoplasmic  0.386
chemo-typy    Cytoplasmic  0.728
Neighboring   Cytoplasmic  0.425

Combined SVM classifier:
Extracellular 0.840  
OuterMembrane 0.593  
Periplasmic 0.594  
InnerMembrane 0.232  
Cytoplasmic 2.740 *

SeqID: fig|6666666.171271.peg.1349  
CELLO prediction:  
(predictor location reliable-index)  
Composition Periplasmic 0.285  
Di-peptide Periplasmic 0.537  
part-Comp. Cytoplasmic 0.343  
chemo-typy Periplasmic 0.780  
Neighboring Periplasmic 0.357  

Combined SVM classifier:  
Extracellular 0.756  
OuterMembrane 0.543  
Periplasmic 2.284 *  
InnerMembrane 0.381  
Cytoplasmic 1.036

SeqID: fig|6666666.171271.peg.1350  
CELLO prediction:  
(predictor location reliable-index)  
Composition Cytoplasmic 0.614  
Di-peptide Cytoplasmic 0.731  
part-Comp. Cytoplasmic 0.399  
chemo-typy Cytoplasmic 0.598  
Neighboring Periplasmic 0.568  

Combined SVM classifier:  
Extracellular 0.567  
OuterMembrane 0.235  
Periplasmic 1.541  
InnerMembrane 0.236  
Cytoplasmic 2.421 *

SeqID: fig|6666666.171271.peg.1351  
CELLO prediction:  
(predictor location reliable-index)  
Composition Cytoplasmic 0.415  
Di-peptide Extracellular 0.459  
part-Comp. Cytoplasmic 0.616  
chemo-typy Cytoplasmic 0.420  
Neighboring Cytoplasmic 0.797  

Combined SVM classifier:  
Extracellular 1.079  
OuterMembrane 0.563  
Periplasmic 0.625  
InnerMembrane 0.312
Cytoplasmic 2.422 *

SeqID: fig|6666666.171271.peg.1352
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.270
Di-peptide    Cytoplasmic  0.787
part-Comp.    Cytoplasmic  0.357
chemo-typy    Cytoplasmic  0.888
Neighboring   Cytoplasmic  0.413

Combined SVM classifier:
Extracellular 0.806
OuterMembrane 0.233
Periplasmic    0.910
InnerMembrane 0.370
Cytoplasmic   2.681 *

SeqID: fig|6666666.171271.peg.1353
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.404
Di-peptide    Cytoplasmic  0.942
part-Comp.    Cytoplasmic  0.832
chemo-typy    Cytoplasmic  0.844
Neighboring   Cytoplasmic  0.637

Combined SVM classifier:
Extracellular 0.598
OuterMembrane 0.299
Periplasmic    0.288
InnerMembrane 0.158
Cytoplasmic   3.658 *

SeqID: fig|6666666.171271.peg.1354
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.591
Di-peptide    Cytoplasmic  0.579
part-Comp.    Cytoplasmic  0.723
chemo-typy    Periplasmic  0.576
Neighboring   Cytoplasmic  0.614

Combined SVM classifier:
Extracellular 0.207
OuterMembrane 0.234
Periplasmic    0.888
InnerMembrane 0.910
Cytoplasmic   2.762 *
SeqID: fig|6666666.171271.peg.1355

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.304
Di-peptide   Cytoplasmic  0.620
part-Comp.   Cytoplasmic  0.477
chemo-typy   Cytoplasmic  0.562
Neighboring  OuterMembrane 0.425

Combined SVM classifier:

Extracellular 0.744
OuterMembrane 0.994
Periplasmic 0.757
InnerMembrane 0.260
Cytoplasmic 2.245 *

SeqID: fig|6666666.171271.peg.1356

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.298
Di-peptide   Cytoplasmic  0.871
part-Comp.   Cytoplasmic  0.451
chemo-typy   Cytoplasmic  0.648
Neighboring  Cytoplasmic  0.559

Combined SVM classifier:

Extracellular 0.590
OuterMembrane 0.572
Periplasmic 0.741
InnerMembrane 0.272
Cytoplasmic 2.825 *

SeqID: fig|6666666.171271.peg.1357

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.472
Di-peptide   Cytoplasmic  0.641
part-Comp.   Cytoplasmic  0.552
chemo-typy   Cytoplasmic  0.930
Neighboring  Cytoplasmic  0.444

Combined SVM classifier:

Extracellular 0.623
OuterMembrane 0.518
Periplasmic 0.540
InnerMembrane 0.280
Cytoplasmic 3.039 *

SeqID: fig|6666666.171271.peg.1358

CELLO prediction:
| SeqID: fig|6666666.171271.peg.1359 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor  location   reliable-index)                        |
| Composition  Cytoplasmic  0.550                               |
| Di-peptide   OuterMembrane  0.696                             |
| part-Comp.   Cytoplasmic  0.692                               |
| chemo-typy   Cytoplasmic  0.912                               |
| Neighboring  Cytoplasmic  0.578                               |
| Combined SVM classifier:                                     |
| Extracellular  0.535                                          |
| OuterMembrane  1.065                                          |
| Periplasmic   0.271                                           |
| InnerMembrane  0.144                                          |
| Cytoplasmic   2.985 *                                         |

| SeqID: fig|6666666.171271.peg.1360 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor  location   reliable-index)                        |
| Composition  Cytoplasmic  0.274                               |
| Di-peptide   Cytoplasmic  0.416                               |
| part-Comp.   Cytoplasmic  0.488                               |
| chemo-typy   Cytoplasmic  0.953                               |
| Neighboring  Extracellular  0.312                             |
| Combined SVM classifier:                                     |
| Extracellular  0.982                                          |
| OuterMembrane  0.709                                          |
| Periplasmic   0.645                                           |
| InnerMembrane  0.261                                          |
| Cytoplasmic   2.403 *                                         |

| SeqID: fig|6666666.171271.peg.1361 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor  location   reliable-index)                        |
| Composition  OuterMembrane  0.583                             |
| Di-peptide   OuterMembrane  0.939                             |
| part-Comp.   OuterMembrane  0.579                             |
chemo-typy  Periplasmic  0.359
Neighboring  OuterMembrane  0.831

Combined SVM classifier:
Extracellular  0.685
OuterMembrane  3.206 *
Periplasmic  0.582
InnerMembrane  0.275
Cytoplasmic  0.252

SeqID: fig|6666666.171271.peg.1362
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.354
Di-peptide  Cytoplasmic  0.796
part-Comp.  Cytoplasmic  0.550
chemo-typy  Periplasmic  0.623
Neighboring  OuterMembrane  0.590

Combined SVM classifier:
Extracellular  0.881
OuterMembrane  1.064
Periplasmic  0.908
InnerMembrane  0.179
Cytoplasmic  1.968 *

SeqID: fig|6666666.171271.peg.1363
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.286
Di-peptide  Cytoplasmic  0.716
part-Comp.  Cytoplasmic  0.425
chemo-typy  Cytoplasmic  0.755
Neighboring  Extracellular  0.400

Combined SVM classifier:
Extracellular  0.989
OuterMembrane  0.523
Periplasmic  0.766
InnerMembrane  0.342
Cytoplasmic  2.380 *

SeqID: fig|6666666.171271.peg.1364
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.939
Di-peptide  Cytoplasmic  0.971
part-Comp.  Cytoplasmic  0.716
chemo-typy  Periplasmic  0.379
Neighboring  Cytoplasmic  0.777

Combined SVM classifier:
Extracellular 0.099
OuterMembrane 0.292
Periplasmic 0.842
InnerMembrane 0.056
Cytoplasmic 3.711 *

SeqID: fig|6666666.171271.peg.1365
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.660
Di-peptide Cytoplasmic 0.911
part-Comp. Cytoplasmic 0.764
chemo-typy Cytoplasmic 0.896
Neighboring Cytoplasmic 0.950

Combined SVM classifier:
Extracellular 0.150
OuterMembrane 0.253
Periplasmic 0.198
InnerMembrane 0.218
Cytoplasmic 4.181 *

SeqID: fig|6666666.171271.peg.1366
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.963
Di-peptide InnerMembrane 0.997
part-Comp. InnerMembrane 0.991
chemo-typy InnerMembrane 0.990
Neighboring InnerMembrane 0.934

Combined SVM classifier:
Extracellular 0.017
OuterMembrane 0.059
Periplasmic 0.016
InnerMembrane 4.876 *
Cytoplasmic 0.032

SeqID: fig|6666666.171271.peg.1367
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.505
Di-peptide Cytoplasmic 0.983
part-Comp. Cytoplasmic 0.462
chemo-typy Cytoplasmic 0.834
Neighboring Cytoplasmic 0.834

Combined SVM classifier:
Extracellular 0.408
OuterMembrane 0.167
Periplasmic 0.473
InnerMembrane 0.334

SeqID: fig|6666666.171271.peg.1368
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.505
Di-peptide Cytoplasmic 0.983
part-Comp. Cytoplasmic 0.462
chemo-typy Cytoplasmic 0.834
Neighboring Cytoplasmic 0.834

Combined SVM classifier:
Extracellular 0.408
OuterMembrane 0.167
Periplasmic 0.473
InnerMembrane 0.334
Cytoplasmic 3.619 *

SeqID: fig|6666666.171271.peg.1368
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.320
Di-peptide Cytoplasmic 0.720
part-Comp. InnerMembrane 0.442
chemo-typy Periplasmic 0.769
Neighboring Cytoplasmic 0.288

Combined SVM classifier:
Extracellular 0.592
OuterMembrane 0.383
Periplasmic 1.363 *
InnerMembrane 0.845
Cytoplasmic 1.816 *

SeqID: fig|6666666.171271.peg.1369
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.272
Di-peptide InnerMembrane 0.974
part-Comp. Cytoplasmic 0.443
chemo-typy InnerMembrane 0.853
Neighboring Cytoplasmic 0.307

Combined SVM classifier:
Extracellular 0.542
OuterMembrane 0.278
Periplasmic 0.562
InnerMembrane 2.557 *
Cytoplasmic 1.062

SeqID: fig|6666666.171271.peg.1370
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.691
Di-peptide Cytoplasmic 0.547
part-Comp. Cytoplasmic 0.626
chemo-typy Cytoplasmic 0.544
Neighboring Cytoplasmic 0.852

Combined SVM classifier:
Extracellular 0.863
OuterMembrane 0.687
Periplasmic 0.119
InnerMembrane 0.071
Cytoplasmic 3.260 *
SeqID: fig|6666666.171271.peg.1371

CELLO prediction:

(predictor  location     reliable-index)
Composition       Cytoplasmic  0.454
Di-peptide        Cytoplasmic  0.887
part-Comp.        Cytoplasmic  0.419
chemo-typy        Cytoplasmic  0.817
Neighboring       Cytoplasmic  0.518

Combined SVM classifier:

Extracellular  0.713
OuterMembrane  0.273
Periplasmic    0.644
InnerMembrane  0.276
Cytoplasmic    3.094 *

SeqID: fig|6666666.171271.peg.1372

CELLO prediction:

(predictor  location     reliable-index)
Composition       InnerMembrane  0.886
Di-peptide        InnerMembrane  1.000
part-Comp.        InnerMembrane  0.977
chemo-typy        InnerMembrane  0.994
Neighboring       InnerMembrane  1.000

Combined SVM classifier:

Extracellular  0.032
OuterMembrane  0.017
Periplasmic    0.040
InnerMembrane  4.856 *
Cytoplasmic    0.054

SeqID: fig|6666666.171271.peg.1373

CELLO prediction:

(predictor  location     reliable-index)
Composition       Periplasmic  0.270
Di-peptide        Periplasmic  0.425
part-Comp.        Cytoplasmic  0.354
chemo-typy        Periplasmic  0.411
Neighboring       Periplasmic  0.300

Combined SVM classifier:

Extracellular  0.813
OuterMembrane  0.229
Periplasmic    1.689 *
InnerMembrane  0.572
Cytoplasmic    1.697 *

SeqID: fig|6666666.171271.peg.1374

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.279
Di-peptide  Cytoplasmic  0.948
part-Comp.  Cytoplasmic  0.588
chemo-typy  Cytoplasmic  0.952
Neighboring  Cytoplasmic  0.612

Combined SVM classifier:
Extracellular  0.609
OuterMembrane  0.172
Periplasmic  0.461
InnerMembrane  0.378
Cytoplasmic  3.380 *

**********

SeqID: fig|6666666.171271.peg.1375
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.740
Di-peptide  OuterMembrane  0.417
part-Comp.  Cytoplasmic  0.693
chemo-typy  OuterMembrane  0.511
Neighboring  Cytoplasmic  0.794

Combined SVM classifier:
Extracellular  0.456
OuterMembrane  1.320
Periplasmic  0.329
InnerMembrane  0.310
Cytoplasmic  2.585 *

**********

SeqID: fig|6666666.171271.peg.1376
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.754
Di-peptide  Cytoplasmic  0.846
part-Comp.  Cytoplasmic  0.367

Combined SVM classifier:
Extracellular  0.049
OuterMembrane  0.066
Periplasmic  0.905
InnerMembrane  0.403
Cytoplasmic  3.577 *

**********

SeqID: fig|6666666.171271.peg.1377
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.754
Di-peptide  Cytoplasmic  0.846
part-Comp.  Cytoplasmic  0.367
chemo-typy  Cytoplasmic  0.730  
Neighboring  Cytoplasmic  0.520  

Combined SVM classifier:  
Extracellular  0.294  
OuterMembrane  0.245  
Periplasmic  0.669  
InnerMembrane  1.194  
Cytoplasmic  2.599 * 

***********************************************************************  
******  
SeqID: fig|6666666.171271.peg.1378  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.904  
Di-peptide  Cytoplasmic  0.697  
part-Comp.  Cytoplasmic  0.889  
chemo-typy  Cytoplasmic  0.639  
Neighboring  Cytoplasmic  0.928  

Combined SVM classifier:  
Extracellular  0.267  
OuterMembrane  0.366  
Periplasmic  0.242  
InnerMembrane  0.068  
Cytoplasmic  4.057 *  

***********************************************************************  
******  
SeqID: fig|6666666.171271.peg.1379  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.836  
Di-peptide  OuterMembrane  0.354  
part-Comp.  Cytoplasmic  0.795  
chemo-typy  Cytoplasmic  0.564  
Neighboring  Cytoplasmic  0.639  

Combined SVM classifier:  
Extracellular  0.873  
OuterMembrane  0.550  
Periplasmic  0.244  
InnerMembrane  0.169  
Cytoplasmic  3.164 * 

***********************************************************************  
******  
SeqID: fig|6666666.171271.peg.1380  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.287  
Di-peptide  OuterMembrane  0.418  
part-Comp.  Cytoplasmic  0.498  
chemo-typy  Cytoplasmic  0.605  
Neighboring  Cytoplasmic  0.489  

Combined SVM classifier:
Extracellular 0.921
OuterMembrane 0.864
Periplasmic 0.450
InnerMembrane 0.480
Cytoplasmic 2.284 *

SeqID: fig|6666666.171271.peg.1381
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.693
Di-peptide Cytoplasmic 0.796
part-Comp. Cytoplasmic 0.748
chemo-typy Cytoplasmic 0.804
Neighboring Cytoplasmic 0.860

Combined SVM classifier:
Extracellular 0.374
OuterMembrane 0.150
Periplasmic 0.375
InnerMembrane 0.200
Cytoplasmic 3.901 *

SeqID: fig|6666666.171271.peg.1382
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.588
Di-peptide Cytoplasmic 0.980
part-Comp. Cytoplasmic 0.970
chemo-typy Cytoplasmic 0.797
Neighboring Cytoplasmic 0.895

Combined SVM classifier:
Extracellular 0.373
OuterMembrane 0.086
Periplasmic 0.209
InnerMembrane 0.102
Cytoplasmic 4.230 *

SeqID: fig|6666666.171271.peg.1383
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.481
Di-peptide Cytoplasmic 0.754
part-Comp. Cytoplasmic 0.765
chemo-typy Cytoplasmic 0.539
Neighboring Cytoplasmic 0.894

Combined SVM classifier:
Extracellular 0.129
OuterMembrane 0.111
Periplasmic 0.761
InnerMembrane 0.566
| SeqID: fig|6666666.171271.peg.1384 |
|-----------------------------|
| CELLO prediction:           |
| (predictor            | location      | reliable-index) |
| Composition       Cytoplasmic    0.740 |
| Di-peptide       Cytoplasmic    0.897 |
| part-Comp.       Cytoplasmic    0.797 |
| chemo-typy      Cytoplasmic    0.961 |
| Neighboring     Cytoplasmic    0.775 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular         0.120</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane         0.140</td>
<td></td>
</tr>
<tr>
<td>Periplasmic           0.317</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane         0.251</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic           4.172 *</td>
<td></td>
</tr>
</tbody>
</table>

| SeqID: fig|6666666.171271.peg.1385 |
|-----------------------------|
| CELLO prediction:           |
| (predictor            | location      | reliable-index) |
| Composition       Cytoplasmic    0.940 |
| Di-peptide       OuterMembrane    0.545 |
| part-Comp.       Cytoplasmic    0.937 |
| chemo-typy      Periplasmic     0.591 |
| Neighboring     Cytoplasmic    0.924 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular         0.112</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane         0.653</td>
<td></td>
</tr>
<tr>
<td>Periplasmic           0.699</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane         0.094</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic           3.441 *</td>
<td></td>
</tr>
</tbody>
</table>

| SeqID: fig|6666666.171271.peg.1386 |
|-----------------------------|
| CELLO prediction:           |
| (predictor            | location      | reliable-index) |
| Composition       Cytoplasmic    0.566 |
| Di-peptide       OuterMembrane    0.456 |
| part-Comp.       Extracellular    0.323 |
| chemo-typy      Extracellular    0.510 |
| Neighboring     OuterMembrane    0.809 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular         1.530 *</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane         1.606 *</td>
<td></td>
</tr>
<tr>
<td>Periplasmic           0.493</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane         0.170</td>
<td></td>
</tr>
<tr>
<td>Cytoplasmic           1.201 *</td>
<td></td>
</tr>
<tr>
<td>SeqID: fig</td>
<td>6666666.171271.peg.1387</td>
</tr>
<tr>
<td>-----------------------------------------------</td>
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<tr>
<td>CELLO prediction:</td>
<td></td>
</tr>
<tr>
<td>(predictor  location   reliable-index)</td>
<td></td>
</tr>
<tr>
<td>Composition Cytoplasmic 0.289</td>
<td></td>
</tr>
<tr>
<td>Di-peptide OuterMembrane 0.490</td>
<td></td>
</tr>
<tr>
<td>part-Comp. OuterMembrane 0.379</td>
<td></td>
</tr>
<tr>
<td>chemo-typy OuterMembrane 0.721</td>
<td></td>
</tr>
<tr>
<td>Neighboring OuterMembrane 0.756</td>
<td></td>
</tr>
<tr>
<td>Combined SVM classifier:</td>
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<tr>
<td>Extracellular 0.973</td>
<td></td>
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<tr>
<td>OuterMembrane 2.512 *</td>
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</tr>
<tr>
<td>Periplasmic 0.340</td>
<td></td>
</tr>
<tr>
<td>InnerMembrane 0.421</td>
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</tr>
<tr>
<td>Cytoplasmic 0.754</td>
<td></td>
</tr>
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</table>

| SeqID: fig|6666666.171271.peg.1388 |
|-----------------------------------------------|
| CELLO prediction:                           |
| (predictor  location   reliable-index)       |
| Composition Cytoplasmic 0.371               |
| Di-peptide Cytoplasmic 0.691                |
| part-Comp. Cytoplasmic 0.511                |
| chemo-typy Cytoplasmic 0.716                |
| Neighboring Periplasmic 0.524               |
| Combined SVM classifier:                    |
| Extracellular 0.722                         |
| OuterMembrane 0.517                         |
| Periplasmic 1.039                            |
| InnerMembrane 0.131                         |
| Cytoplasmic 2.591 *                         |

| SeqID: fig|6666666.171271.peg.1389 |
|-----------------------------------------------|
| CELLO prediction:                           |
| (predictor  location   reliable-index)       |
| Composition Periplasmic 0.271                |
| Di-peptide Extracellular 0.371               |
| part-Comp. Cytoplasmic 0.371                 |
| chemo-typy Cytoplasmic 0.696                 |
| Neighboring Extracellular 0.378              |
| Combined SVM classifier:                    |
| Extracellular 1.208 *                        |
| OuterMembrane 0.748                          |
| Periplasmic 0.879                            |
| InnerMembrane 0.403                          |
| Cytoplasmic 1.762 *                          |
(predictor  location   reliable-index)
Composition  OuterMembrane  0.230
Di-peptide   OuterMembrane  0.977
part-Comp.   OuterMembrane  0.412
chemo-typy   Extracellular  0.543
Neighboring  OuterMembrane  0.875

Combined SVM classifier:
Extracellular  1.007
OuterMembrane  2.928 *
Periplasmic    0.333
InnerMembrane  0.293
Cytoplasmic   0.438

SeqID: fig|666666.171271.peg.1391
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.290
Di-peptide   Cytoplasmic  0.580
part-Comp.   Cytoplasmic  0.348
chemo-typy   Periplasmic  0.871
Neighboring  Extracellular  0.393

Combined SVM classifier:
Extracellular  0.967
OuterMembrane  0.299
Periplasmic    1.847 *
InnerMembrane  0.455
Cytoplasmic   1.431 *

SeqID: fig|666666.171271.peg.1392
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.541
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  0.983
chemo-typy   InnerMembrane  0.998
Neighboring  InnerMembrane  0.948

Combined SVM classifier:
Extracellular  0.116
OuterMembrane  0.093
Periplasmic    0.137
InnerMembrane  4.469 *
Cytoplasmic   0.183

SeqID: fig|666666.171271.peg.1393
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.518
Di-peptide   Cytoplasmic  0.652
part-Comp.   Cytoplasmic  0.592
chemo-typy  Cytoplasmic  0.967
Neighboring  Cytoplasmic  0.691

Combined SVM classifier:
Extracellular  0.210
OuterMembrane  0.112
Periplasmic  0.602
InnerMembrane  0.656
Cytoplasmic  3.420 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1394
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.249
Di-peptide  Cytoplasmic  0.811
part-Comp.  Cytoplasmic  0.368
chemo-typy  Cytoplasmic  0.868
Neighboring  Cytoplasmic  0.461

Combined SVM classifier:
Extracellular  0.795
OuterMembrane  0.269
Periplasmic  0.741
InnerMembrane  0.439
Cytoplasmic  2.756 *

********************
*******************************************************
******
SeqID: fig|6666666.171271.peg.1395
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.684
Di-peptide  Cytoplasmic  0.805
part-Comp.  Cytoplasmic  0.572
chemo-typy  Cytoplasmic  0.568
Neighboring  Cytoplasmic  0.517

Combined SVM classifier:
Extracellular  0.769
OuterMembrane  0.694
Periplasmic  0.274
InnerMembrane  0.117
Cytoplasmic  3.145 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1396
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.892
Di-peptide  Cytoplasmic  0.935
part-Comp.  Cytoplasmic  0.732
chemo-typy  Cytoplasmic  0.680
Neighboring  Cytoplasmic  0.787

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.229</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.126</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.481</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.137</td>
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<tr>
<td>Cytoplasmic</td>
<td>4.028</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1397

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.676</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.857</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.402</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.358</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.473</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
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<th>Location</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.708</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.301</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.768</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.568</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.656</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1398

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.534</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.374</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.472</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.900</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Outer Membrane</td>
<td>0.385</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.682</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.983</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>2.298</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.128</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.910</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1399

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
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</thead>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.922</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.735</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.355</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.906</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.071</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.479</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.541</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.137</td>
</tr>
</tbody>
</table>
Cytoplasmic 3.771 *

SeqID: fig|6666666.171271.peg.1400
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.381
Di-peptide  OuterMembrane 0.651
part-Comp.  Extracellular 0.275
chemo-typy  Extracellular 0.733
Neighboring  OuterMembrane 0.642

Combined SVM classifier:
Extracellular 1.377 *
OuterMembrane 1.674 *
Periplasmic 0.491
InnerMembrane 0.952
Cytoplasmic 0.506

SeqID: fig|6666666.171271.peg.1401
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic 0.270
Di-peptide  Cytoplasmic 0.513
part-Comp.  Cytoplasmic 0.356
chemo-typy  Cytoplasmic 0.673
Neighboring  Cytoplasmic 0.309

Combined SVM classifier:
Extracellular 0.739
OuterMembrane 0.265
Periplasmic 1.355
InnerMembrane 0.555
Cytoplasmic 2.087 *

SeqID: fig|6666666.171271.peg.1402
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.858
Di-peptide  Cytoplasmic 0.979
part-Comp.  Cytoplasmic 0.965
chemo-typy  Cytoplasmic 0.960
Neighboring  Cytoplasmic 0.969

Combined SVM classifier:
Extracellular 0.091
OuterMembrane 0.051
Periplasmic 0.099
InnerMembrane 0.029
Cytoplasmic 4.731 *
SeqID: fig|6666666.171271.peg.1403
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.644
Di-peptide Cytoplasmic 0.877
part-Comp. Cytoplasmic 0.874
chemo-typy Cytoplasmic 0.808
Neighboring Cytoplasmic 0.533

Combined SVM classifier:
Extracellular 0.794
OuterMembrane 0.156
Periplasmic 0.261
InnerMembrane 0.053
Cytoplasmic 3.736 *

SeqID: fig|6666666.171271.peg.1404
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.311
Di-peptide Cytoplasmic 0.661
part-Comp. Cytoplasmic 0.690
chemo-typy Periplasmic 0.786
Neighboring Cytoplasmic 0.868

Combined SVM classifier:
Extracellular 0.471
OuterMembrane 0.261
Periplasmic 1.190
InnerMembrane 0.378
Cytoplasmic 2.699 *

SeqID: fig|6666666.171271.peg.1405
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.326
Di-peptide OuterMembrane 0.467
part-Comp. Cytoplasmic 0.387
chemo-typy Periplasmic 0.784
Neighboring Cytoplasmic 0.238

Combined SVM classifier:
Extracellular 0.672
OuterMembrane 0.894
Periplasmic 1.374 *
InnerMembrane 0.933
Cytoplasmic 1.128 *

SeqID: fig|6666666.171271.peg.1406
CELLO prediction:
<table>
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<th>(predictor</th>
<th>location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.549</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.928</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.809</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.974</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.858</td>
</tr>
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</table>

Combined SVM classifier:

| Extracellular | 0.231 |
| OuterMembrane  | 0.307 |
| Periplasmic    | 0.161 |
| InnerMembrane  | 0.184 |
| Cytoplasmic    | 4.117 * |

SeqID: fig|6666666.171271.peg.1407

CELLO prediction:

<table>
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<tr>
<th>(predictor</th>
<th>location</th>
<th>reliable-index)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.961</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

| Extracellular | 0.009 |
| OuterMembrane  | 0.011 |
| Periplasmic    | 0.011 |
| InnerMembrane  | 4.960 * |
| Cytoplasmic    | 0.009 |

SeqID: fig|6666666.171271.peg.1408

CELLO prediction:

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<th>location</th>
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</thead>
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<tr>
<td>Composition</td>
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<td>0.359</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.462</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.376</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.600</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.346</td>
</tr>
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</table>

Combined SVM classifier:

| Extracellular | 0.888 |
| OuterMembrane  | 0.998 |
| Periplasmic    | 0.713 |
| InnerMembrane  | 0.258 |
| Cytoplasmic    | 2.144 * |

SeqID: fig|6666666.171271.peg.1409

CELLO prediction:

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<tr>
<th>(predictor</th>
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<th>reliable-index)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.370</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.483</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.711</td>
</tr>
</tbody>
</table>
chemo-typy  | OuterMembrane  | 0.369
Neighboring  | Extracellular  | 0.790

Combined SVM classifier:
Extracellular  | 2.517  *
OuterMembrane  | 1.186
Periplasmic  | 0.356
InnerMembrane  | 0.635
Cytoplasmic  | 0.307

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1410
CELLO prediction:
(predictor  location   reliable-index)
Composition  | Cytoplasmic  | 0.872
Di-peptide  | Cytoplasmic  | 0.968
part-Comp.  | Cytoplasmic  | 0.902
chemo-typy  | Cytoplasmic  | 0.881
Neighboring  | Cytoplasmic  | 0.919

Combined SVM classifier:
Extracellular  | 0.087
OuterMembrane  | 0.101
Periplasmic  | 0.164
InnerMembrane  | 0.106
Cytoplasmic  | 4.542  *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.1411
CELLO prediction:
(predictor  location   reliable-index)
Composition  | Cytoplasmic  | 0.663
Di-peptide  | Cytoplasmic  | 0.951
part-Comp.  | Cytoplasmic  | 0.930
chemo-typy  | Cytoplasmic  | 0.952
Neighboring  | Cytoplasmic  | 0.986

Combined SVM classifier:
Extracellular  | 0.105
OuterMembrane  | 0.076
Periplasmic  | 0.124
InnerMembrane  | 0.212
Cytoplasmic  | 4.482  *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.1412
CELLO prediction:
(predictor  location   reliable-index)
Composition  | Cytoplasmic  | 0.545
Di-peptide  | Cytoplasmic  | 0.463
part-Comp.  | Cytoplasmic  | 0.686
chemo-typy  | Cytoplasmic  | 0.705
Neighboring  | Cytoplasmic  | 0.738

Combined SVM classifier:
<table>
<thead>
<tr>
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<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.130</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.992</td>
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<tr>
<td>InnerMembrane</td>
<td>0.255</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.137</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1413

CELLO prediction:

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<th>Location</th>
<th>Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.347</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.404</td>
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<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.809</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.385</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.197  *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.567</td>
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<tr>
<td>Periplasmic</td>
<td>1.588  *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.355</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.292  *</td>
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SeqID: fig|6666666.171271.peg.1414

CELLO prediction:

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<th>Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.526</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
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<tr>
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<td>0.436</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>2.048  *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.634  *</td>
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<tr>
<td>Periplasmic</td>
<td>0.488</td>
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<tr>
<td>InnerMembrane</td>
<td>0.136</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.695</td>
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</table>

SeqID: fig|6666666.171271.peg.1415

CELLO prediction:

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<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.789</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.980</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.923</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.842</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.562</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.086</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.591</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.116</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.111</td>
</tr>
</tbody>
</table>
Cytoplasmic 4.096 *

SeqID: fig|6666666.171271.peg.1416
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.367
Di-peptide    Cytoplasmic 0.660
part-Comp.    Cytoplasmic 0.795
chemo-typy   Cytoplasmic 0.526
Neighboring   Cytoplasmic 0.509

Combined SVM classifier:
Extracellular 0.493
OuterMembrane 0.936
Periplasmic 0.397
InnerMembrane 0.318
Cytoplasmic 2.857 *

SeqID: fig|6666666.171271.peg.1417
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.419
Di-peptide    Cytoplasmic 0.581
part-Comp.    Cytoplasmic 0.502
chemo-typy   Periplasmic 0.513
Neighboring   Extracellular 0.417

Combined SVM classifier:
Extracellular 1.088
OuterMembrane 0.460
Periplasmic 0.925
InnerMembrane 0.430
Cytoplasmic 2.096 *

SeqID: fig|6666666.171271.peg.1418
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.423
Di-peptide    InnerMembrane 0.992
part-Comp.    InnerMembrane 0.506
chemo-typy   InnerMembrane 0.935
Neighboring   InnerMembrane 0.920

Combined SVM classifier:
Extracellular 0.226
OuterMembrane 0.207
Periplasmic 0.270
InnerMembrane 3.775 *
Cytoplasmic 0.521
SeqID: fig|6666666.171271.peg.1419

CELLO prediction:

<table>
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<tr>
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<th>location</th>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>InnerMembrane</td>
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<td>chemo-typy</td>
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Combined SVM classifier:

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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1420

CELLO prediction:

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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.847</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
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<td>Neighboring</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
<td>0.321</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.201</td>
</tr>
<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.1421

CELLO prediction:

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<td>Di-peptide</td>
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<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
<td>0.824</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>1.772</td>
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<tr>
<td>Periplasmic</td>
<td>0.187</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.034</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.847 *</td>
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</table>

SeqID: fig|6666666.171271.peg.1422

CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.443
Di-peptide      InnerMembrane 0.645
part-Comp.      Cytoplasmic  0.509
chemo-typy      InnerMembrane 0.486
Neighboring     InnerMembrane 0.840

Combined SVM classifier:
Extracellular 0.221
OuterMembrane 0.821
Periplasmic 0.144
InnerMembrane 2.595 *
Cytoplasmic  1.218

SeqID: fig|6666666.171271.peg.1423
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic  0.578
Di-peptide      Cytoplasmic  0.839
part-Comp.      Cytoplasmic  0.784
chemo-typy      Cytoplasmic  0.860
Neighboring     Cytoplasmic  0.890

Combined SVM classifier:
Extracellular 0.066
OuterMembrane 0.043
Periplasmic 0.463
InnerMembrane 0.476
Cytoplasmic  3.951 *

SeqID: fig|6666666.171271.peg.1424
CELLO prediction:
(predictor  location   reliable-index)
Composition     Periplasmic  0.754
Di-peptide      Cytoplasmic  0.541
part-Comp.      Periplasmic  0.409

Combined SVM classifier:
Extracellular 0.071
OuterMembrane 0.058
Periplasmic 0.797
InnerMembrane 0.125
Cytoplasmic  3.949 *

SeqID: fig|6666666.171271.peg.1425
CELLO prediction:
(predictor  location   reliable-index)
Composition     Periplasmic  0.754
Di-peptide      Cytoplasmic  0.541
part-Comp.      Periplasmic  0.409
**CELLO prediction:**

**SeqID: fig|6666666.171271.peg.1426**

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<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.793</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.719</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.813</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.919</td>
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Combined SVM classifier:
- Extracellular: 0.102
- OuterMembrane: 0.300
- Periplasmic: 0.139
- InnerMembrane: 4.232 *
- Cytoplasmic: 0.228

**SeqID: fig|6666666.171271.peg.1427**

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.765</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
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<td>chemo-typy</td>
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<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.791</td>
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Combined SVM classifier:
- Extracellular: 0.078
- OuterMembrane: 0.322
- Periplasmic: 0.167
- InnerMembrane: 0.399
- Cytoplasmic: 4.034 *

**SeqID: fig|6666666.171271.peg.1428**

<table>
<thead>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.353</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.855</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.821</td>
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Combined SVM classifier:
Extracellular  0.932
OuterMembrane  2.952 *
Periplasmic  0.126
InnerMembrane  0.087
Cytoplasmic  0.903

SeqID: fig|6666666.171271.peg.1429
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.517
Di-peptide Extracellular  0.674
part-Comp. Cytoplasmic  0.471
cheto-typy Cytoplasmic  0.471
Neighboring Cytoplasmic  0.731

Combined SVM classifier:
Extracellular  0.983
OuterMembrane  0.360
Periplasmic  1.267
InnerMembrane  0.133
Cytoplasmic  2.257 *

SeqID: fig|6666666.171271.peg.1430
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.696
Di-peptide Cytoplasmic  0.889
part-Comp. Cytoplasmic  0.843
cheto-typy Cytoplasmic  0.948
Neighboring Cytoplasmic  0.875

Combined SVM classifier:
Extracellular  0.032
OuterMembrane  0.015
Periplasmic  0.564
InnerMembrane  0.138
Cytoplasmic  4.251 *

SeqID: fig|6666666.171271.peg.1431
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic  0.433
Di-peptide OuterMembrane  0.832
part-Comp. Cytoplasmic  0.516
cheto-typy Extracellular  0.460
Neighboring Extracellular  0.464

Combined SVM classifier:
Extracellular  1.379 *
OuterMembrane  1.311 *
Periplasmic  0.510
InnerMembrane  0.282
Cytoplasmic 1.519 *

SeqID: fig|6666666.171271.peg.1432
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.303
Di-peptide OuterMembrane 0.892
part-Comp. OuterMembrane 0.676
chemo-typy OuterMembrane 0.716
Neighboring OuterMembrane 0.865

Combined SVM classifier:
Extracellular 0.529
OuterMembrane 3.452 *
Periplasmic 0.464
InnerMembrane 0.237
Cytoplasmic 0.319

SeqID: fig|6666666.171271.peg.1433
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.448
Di-peptide OuterMembrane 0.488
part-Comp. Cytoplasmic 0.332
chemo-typy Periplasmic 0.764
Neighboring OuterMembrane 0.273

Combined SVM classifier:
Extracellular 0.662
OuterMembrane 1.165 *
Periplasmic 1.109 *
InnerMembrane 0.698
Cytoplasmic 1.366 *

SeqID: fig|6666666.171271.peg.1434
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.929
Di-peptide Extracellular 0.745
part-Comp. Extracellular 0.786
chemo-typy OuterMembrane 0.572
Neighboring OuterMembrane 0.944

Combined SVM classifier:
Extracellular 1.982
OuterMembrane 2.798 *
Periplasmic 0.062
InnerMembrane 0.021
Cytoplasmic 0.136
SeqID: fig|6666666.171271.peg.1435
CELLO prediction:

(predictor location reliable-index)
Composition Extracellular 0.414
Di-peptide Cytoplasmic 0.571
part-Comp. Cytoplasmic 0.342
chemo-typy Extracellular 0.741
Neighboring Extracellular 0.405

Combined SVM classifier:
Extracellular 1.935 *
OuterMembrane 0.928
Periplasmic 0.719
InnerMembrane 0.190
Cytoplasmic 1.228

SeqID: fig|6666666.171271.peg.1436
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.614
Di-peptide Cytoplasmic 0.930
part-Comp. Cytoplasmic 0.761
chemo-typy Cytoplasmic 0.937
Neighboring Cytoplasmic 0.836

Combined SVM classifier:
Extracellular 0.156
OuterMembrane 0.055
Periplasmic 0.405
InnerMembrane 0.305
Cytoplasmic 4.079 *

SeqID: fig|6666666.171271.peg.1437
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.631
Di-peptide Cytoplasmic 0.974
part-Comp. Cytoplasmic 0.934
chemo-typy Cytoplasmic 0.486
Neighboring Cytoplasmic 0.971

Combined SVM classifier:
Extracellular 0.224
OuterMembrane 0.080
Periplasmic 0.594
InnerMembrane 0.107
Cytoplasmic 3.996 *

SeqID: fig|6666666.171271.peg.1438
CELLO prediction:
### CELLO prediction:

#### SeqID: fig|6666666.171271.peg.1439

<table>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.869</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.951</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic 0.518</td>
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**Combined SVM classifier:**
- Extracellular: 0.192
- OuterMembrane: 0.372
- Periplasmic: 0.222
- InnerMembrane: 0.116
- Cytoplasmic: 4.099 *

#### SeqID: fig|6666666.171271.peg.1440

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<td>Composition</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic 0.777</td>
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**Combined SVM classifier:**
- Extracellular: 0.622
- OuterMembrane: 0.291
- Periplasmic: 2.204 *
- InnerMembrane: 0.505
- Cytoplasmic: 1.378

#### SeqID: fig|6666666.171271.peg.1441

<table>
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<td>Composition</td>
<td>InnerMembrane 0.469</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.885</td>
<td></td>
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**Combined SVM classifier:**
- Extracellular: 0.908
- OuterMembrane: 0.944
- Periplasmic: 0.677
- InnerMembrane: 0.317
- Cytoplasmic: 2.155 *
chemo-typy  Cytoplasmic  0.856
Neighboring  Cytoplasmic  0.733

Combined SVM classifier:
Extracellular  0.114
OuterMembrane  0.086
Periplasmic  0.310
InnerMembrane  1.123
Cytoplasmic  3.367 *

SeqID: fig|6666666.171271.peg.1443
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.390
Di-peptide  OuterMembrane  0.357
part-Comp.  Extracellular  0.437
chemo-typy  Periplasmic  0.392
Neighboring  Cytoplasmic  0.409

Combined SVM classifier:
Extracellular  1.302 *
OuterMembrane  0.886
Periplasmic  0.701
InnerMembrane  0.298
Cytoplasmic  1.813 *

SeqID: fig|6666666.171271.peg.1444
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.874
Di-peptide  Cytoplasmic  0.939
part-Comp.  Cytoplasmic  0.511
chemo-typy  Cytoplasmic  0.771
Neighboring  OuterMembrane  0.578
Extracellular 0.388
OuterMembrane 0.912
Periplasmic 0.334
InnerMembrane 0.151
Cytoplasmic 3.215 *

SeqID: fig|666666.171271.peg.1445
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.336
Di-peptide Cytoplasmic 0.806
part-Comp. Cytoplasmic 0.426
chemo-typy Periplasmic 0.650
Neighboring Cytoplasmic 0.341

Combined SVM classifier:
Extracellular 0.739
OuterMembrane 0.823
Periplasmic 1.118
InnerMembrane 0.218
Cytoplasmic 2.102 *

SeqID: fig|666666.171271.peg.1446
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.318
Di-peptide Cytoplasmic 0.667
part-Comp. InnerMembrane 0.287
chemo-typy OuterMembrane 0.571
Neighboring Extracellular 0.484

Combined SVM classifier:
Extracellular 1.102 *
OuterMembrane 1.615 *
Periplasmic 0.407
InnerMembrane 0.644
Cytoplasmic 1.232 *

SeqID: fig|666666.171271.peg.1447
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.236
Di-peptide Cytoplasmic 0.702
part-Comp. Cytoplasmic 0.353
chemo-typy Cytoplasmic 0.561
Neighboring OuterMembrane 0.484

Combined SVM classifier:
Extracellular 0.741
OuterMembrane 0.914
Periplasmic 0.892
InnerMembrane 0.423
Cytoplasmic 2.030 *

SeqID: fig|6666666.171271.peg.1448
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.435
Di-peptide Cytoplasmic 0.904
part-Comp. Cytoplasmic 0.836
chemo-typy Cytoplasmic 0.811
Neighboring Cytoplasmic 0.843

Combined SVM classifier:
Extracellular 0.322
OuterMembrane 0.121
Periplasmic 0.444
InnerMembrane 0.284
Cytoplasmic 3.829 *

SeqID: fig|6666666.171271.peg.1449
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.748
Di-peptide Cytoplasmic 0.973
part-Comp. Cytoplasmic 0.874
chemo-typy Cytoplasmic 0.419
Neighboring Cytoplasmic 0.935

Combined SVM classifier:
Extracellular 0.128
OuterMembrane 0.655
Periplasmic 0.215
InnerMembrane 0.053
Cytoplasmic 3.949 *

SeqID: fig|6666666.171271.peg.1450
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.831
Di-peptide Cytoplasmic 0.486
part-Comp. Cytoplasmic 0.831
chemo-typy Cytoplasmic 0.867
Neighboring Cytoplasmic 0.772

Combined SVM classifier:
Extracellular 0.230
OuterMembrane 0.690
Periplasmic 0.219
InnerMembrane 0.074
Cytoplasmic 3.788 *
**SeqID: fig|6666666.171271.peg.1451**

CELLO prediction:

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<tbody>
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<td>Composition</td>
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<td>Cytoplasmic</td>
<td>0.829</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.790</td>
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Combined SVM classifier:

- Extracellular: 0.444
- OuterMembrane: 0.335
- Periplasmic: 0.203
- InnerMembrane: 0.247
- Cytoplasmic: 3.771 *

**SeqID: fig|6666666.171271.peg.1452**

CELLO prediction:

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<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.504</td>
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Combined SVM classifier:

- Extracellular: 0.622
- OuterMembrane: 0.274
- Periplasmic: 0.640
- InnerMembrane: 0.513
- Cytoplasmic: 2.951 *

**SeqID: fig|6666666.171271.peg.1453**

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.638</td>
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<tr>
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<td>Neighboring</td>
<td>InnerMembrane</td>
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Combined SVM classifier:

- Extracellular: 0.119
- OuterMembrane: 0.095
- Periplasmic: 0.146
- InnerMembrane: 4.457 *
- Cytoplasmic: 0.183

**SeqID: fig|6666666.171271.peg.1454**

CELLO prediction:
(predictor  location   reliable-index)
Composition   OuterMembrane  0.527
Di-peptide    OuterMembrane  0.711
part-Comp.    OuterMembrane  0.738
chemo-typy    Extracellular  0.537
Neighboring   Extracellular  0.418

Combined SVM classifier:
Extracellular  1.312
OuterMembrane  2.196 *
Periplasmic     0.601
InnerMembrane  0.251
Cytoplasmic    0.640

SeqID: fig|6666666.171271.peg.1455
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.620
Di-peptide    Cytoplasmic  0.925
part-Comp.    Cytoplasmic  0.873
chemo-typy    Cytoplasmic  0.641
Neighboring   Cytoplasmic  0.966

Combined SVM classifier:
Extracellular  0.156
OuterMembrane  0.200
Periplasmic     0.422
InnerMembrane  0.197
Cytoplasmic    4.025 *

SeqID: fig|6666666.171271.peg.1456
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.823
Di-peptide    Cytoplasmic  0.838
part-Comp.    Cytoplasmic  0.522
chemo-typy    Periplasmic  0.615
Neighboring   Cytoplasmic  0.819

Combined SVM classifier:
Extracellular  0.361
OuterMembrane  0.226
Periplasmic     1.082
InnerMembrane  0.105
Cytoplasmic    3.226 *

SeqID: fig|6666666.171271.peg.1457
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.325
Di-peptide    Cytoplasmic  0.644
part-Comp.    Cytoplasmic  0.348
```plaintext

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>RELIABLE-INDEX</th>
</tr>
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<td>Inner Membrane</td>
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<td>0.550</td>
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Combined SVM classifier:

- Extracelluar: 1.088 *
- Outer Membrane: 1.596 *
- Periplasmic: 1.495 *
- Inner Membrane: 0.493
- Cytoplasmic: 0.328

---

SeqID: fig|6666666.171271.peg.1458

CELLO prediction:

- Composition: 0.389
- Cytoplasmic: 0.816
- Cytoplasmic: 0.340
- Periplasmic: 0.474
- Cytoplasmic: 0.850

Combined SVM classifier:

- Extracelluar: 0.392
- Outer Membrane: 0.406
- Periplasmic: 0.721
- Inner Membrane: 0.191
- Cytoplasmic: 3.290 *

---

SeqID: fig|6666666.171271.peg.1460

CELLO prediction:

- Composition: 0.385
- Cytoplasmic: 0.855
- Cytoplasmic: 0.340
- Periplasmic: 0.463
- Cytoplasmic: 0.495

Combined SVM classifier:
```
Extracellular 1.158
OuterMembrane 0.581
Periplasmic 0.736
InnerMembrane 0.206
Cytoplasmic 2.319 *

SeqID: fig|6666666.171271.peg.1461

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.285
Di-peptide Cytoplasmic 0.639
part-Comp. Cytoplasmic 0.761
chemo-typy Periplasmic 0.493
Neighboring Cytoplasmic 0.738

Combined SVM classifier:
Extracellular 0.561
OuterMembrane 0.684
Periplasmic 0.832
InnerMembrane 0.388
Cytoplasmic 2.535 *

SeqID: fig|6666666.171271.peg.1462

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.402
Di-peptide OuterMembrane 0.554
part-Comp. Cytoplasmic 0.638
chemo-typy Cytoplasmic 0.701
Neighboring Cytoplasmic 0.620

Combined SVM classifier:
Extracellular 0.513
OuterMembrane 1.155
Periplasmic 0.414
InnerMembrane 0.150
Cytoplasmic 2.768 *

SeqID: fig|6666666.171271.peg.1463

CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.270
Di-peptide InnerMembrane 0.638
part-Comp. Cytoplasmic 0.356
chemo-typy InnerMembrane 0.486
Neighboring Cytoplasmic 0.328

Combined SVM classifier:
Extracellular 0.734
OuterMembrane 0.298
Periplasmic 0.897
InnerMembrane 1.560 *
Cytoplasmic 1.510 *

 SeqID: fig|6666666.171271.peg.1464
 CELLO prediction:
 (predictor location reliable-index)
 Composition Cytoplasmic 0.336
 Di-peptide OuterMembrane 0.392
 part-Comp. Cytoplasmic 0.621
 chemo-typy Cytoplasmic 0.455
 Neighboring Cytoplasmic 0.750

 Combined SVM classifier:
 Extracellular 0.723
 OuterMembrane 0.935
 Periplasmic 0.420
 InnerMembrane 0.489
 Cytoplasmic 2.433 *

 SeqID: fig|6666666.171271.peg.1465
 CELLO prediction:
 (predictor location reliable-index)
 Composition Periplasmic 0.369
 Di-peptide Extracellular 0.452
 part-Comp. Extracellular 0.427
 chemo-typy Extracellular 0.837
 Neighboring Extracellular 0.477

 Combined SVM classifier:
 Extracellular 2.431 *
 OuterMembrane 0.703
 Periplasmic 1.257
 InnerMembrane 0.258
 Cytoplasmic 0.351

 SeqID: fig|6666666.171271.peg.1466
 CELLO prediction:
 (predictor location reliable-index)
 Composition Cytoplasmic 0.314
 Di-peptide Cytoplasmic 0.982
 part-Comp. Cytoplasmic 0.582
 chemo-typy Cytoplasmic 0.842
 Neighboring Cytoplasmic 0.633

 Combined SVM classifier:
 Extracellular 0.697
 OuterMembrane 0.310
 Periplasmic 0.414
 InnerMembrane 0.226
 Cytoplasmic 3.352 *
SeqID: fig|6666666.171271.peg.1467
CELLO prediction:
(predictor  location    reliable-index)
Composition  Cytoplasmic  0.453
Di-peptide   OuterMembrane  0.393
part-Comp.   Extracellular  0.495
chemo-typy   Periplasmic  0.257
Neighboring  Cytoplasmic  0.364

Combined SVM classifier:
Extracellular  1.507 *
OuterMembrane  1.173 *
Periplasmic  0.395
InnerMembrane  0.366
Cytoplasmic  1.559 *

SeqID: fig|6666666.171271.peg.1468
CELLO prediction:
(predictor  location    reliable-index)
Composition  OuterMembrane  0.571
Di-peptide   Cytoplasmic  0.600
part-Comp.   OuterMembrane  0.507
chemo-typy   Cytoplasmic  0.621
Neighboring  OuterMembrane  0.698

Combined SVM classifier:
Extracellular  0.276
OuterMembrane  2.179 *
Periplasmic  0.376
InnerMembrane  0.057
Cytoplasmic  2.111 *

SeqID: fig|6666666.171271.peg.1469
CELLO prediction:
(predictor  location    reliable-index)
Composition  Cytoplasmic  0.699
Di-peptide   Cytoplasmic  0.861
part-Comp.   Cytoplasmic  0.970
chemo-typy   Cytoplasmic  0.712
Neighboring  Cytoplasmic  0.950

Combined SVM classifier:
Extracellular  0.380
OuterMembrane  0.288
Periplasmic  0.091
InnerMembrane  0.048
Cytoplasmic  4.193 *

SeqID: fig|6666666.171271.peg.1470
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<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
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<td>0.946</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.268</td>
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Combined SVM classifier:
- Extracellular: 0.773
- Outer Membrane: 0.784
- Periplasmic: 1.573 *
- Inner Membrane: 0.499
- Cytoplasmic: 1.370 *

SeqID: fig|6666666.171271.peg.1471
CELLO prediction:
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Combined SVM classifier:
- Extracellular: 0.172
- Outer Membrane: 0.665
- Periplasmic: 0.135
- Inner Membrane: 3.484 *
- Cytoplasmic: 0.543

SeqID: fig|6666666.171271.peg.1472
CELLO prediction:
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<td>chemo-typy</td>
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Combined SVM classifier:
- Extracellular: 0.515
- Outer Membrane: 0.325
- Periplasmic: 1.091
- Inner Membrane: 0.920
- Cytoplasmic: 2.149 *

SeqID: fig|6666666.171271.peg.1473
CELLO prediction:
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<td>Di-peptide</td>
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<td>part-Comp.</td>
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<td>0.539</td>
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chemo-typical
Extracellular 0.698
Neighboring OuterMembrane 0.606

Combined SVM classifier:
Extracellular 2.337 *
OuterMembrane 1.550
Periplasmic 0.236
InnerMembrane 0.183
Cytoplasmic 0.695

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1474
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.548
Di-peptide Cytoplasmic 0.929
part-Comp. Cytoplasmic 0.767
chemo-typical Cytoplasmic 0.739
Neighboring Cytoplasmic 0.727

Combined SVM classifier:
Extracellular 0.516
OuterMembrane 0.336
Periplasmic 0.243
InnerMembrane 0.193
Cytoplasmic 3.711 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1475
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.892
Di-peptide Cytoplasmic 0.975
part-Comp. Cytoplasmic 0.886
chemo-typical Cytoplasmic 0.934
Neighboring Cytoplasmic 0.888

Combined SVM classifier:
Extracellular 0.103
OuterMembrane 0.048
Periplasmic 0.152
InnerMembrane 0.122
Cytoplasmic 4.575 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1476
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.343
Di-peptide Cytoplasmic 0.741
part-Comp. Cytoplasmic 0.736
chemo-typical Cytoplasmic 0.965
Neighboring Cytoplasmic 0.539

Combined SVM classifier:
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<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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SeqID: fig|6666666.171271.peg.1477

CELLO prediction:

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<td>Composition</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.719</td>
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Combined SVM classifier:

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<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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SeqID: fig|6666666.171271.peg.1478

CELLO prediction:

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<tr>
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Combined SVM classifier:

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<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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<tr>
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SeqID: fig|6666666.171271.peg.1479

CELLO prediction:

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<td>Composition</td>
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Combined SVM classifier:

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<th>InnerMembrane</th>
<th>Cytoplasmic</th>
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| SeqID: fig|6666666.171271.peg.1481 |
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| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.559 |
| Di-peptide | Cytoplasmic | 0.810 |
| part-Comp. | Cytoplasmic | 0.928 |
| chemo-typy | Cytoplasmic | 0.803 |
| Neighboring | Periplasmic | 0.542 |
| Combined SVM classifier: |
| Extracellular | 0.055 |
| OuterMembrane | 0.020 |
| Periplasmic | 1.407 |
| InnerMembrane | 0.141 |
| Cytoplasmic | 3.376 * |

| SeqID: fig|6666666.171271.peg.1482 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.918 |
| Di-peptide | Cytoplasmic | 0.714 |
| part-Comp. | Cytoplasmic | 0.996 |
| chemo-typy | Cytoplasmic | 0.853 |
| Neighboring | Cytoplasmic | 0.983 |
| Combined SVM classifier: |
| Extracellular | 0.224 |
| OuterMembrane | 0.142 |
| Periplasmic | 0.108 |
| InnerMembrane | 0.062 |
| Cytoplasmic | 4.464 * |
### SeqID: fig|6666666.171271.peg.1483
**CELLO prediction:**

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<tr>
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<tr>
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**Combined SVM classifier:**

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<td>Cytoplasmic</td>
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### SeqID: fig|6666666.171271.peg.1484
**CELLO prediction:**

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**Combined SVM classifier:**

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<th>Location</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
<td>0.642</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.507</td>
</tr>
<tr>
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### SeqID: fig|6666666.171271.peg.1485
**CELLO prediction:**

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<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.523</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<tbody>
<tr>
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**CELLO prediction:**
Composition Periplasmic 0.269
Di-peptide Cytoplasmic 0.950
part-Comp. Cytoplasmic 0.399
chemo-typy Cytoplasmic 0.609
Neighboring Cytoplasmic 0.476

Combined SVM classifier:
Extracellular 0.775
OuterMembrane 0.263
Periplasmic 0.970
InnerMembrane 0.320
Cytoplasmic 2.671 *

SeqID: fig|6666666.171271.peg.1487
CELLO prediction:
Composition Cytoplasmic 0.806
Di-peptide Cytoplasmic 0.471
part-Comp. Cytoplasmic 0.804
chemo-typy Cytoplasmic 0.921
Neighboring Cytoplasmic 0.652

Combined SVM classifier:
Extracellular 0.116
OuterMembrane 0.223
Periplasmic 0.094
InnerMembrane 0.913
Cytoplasmic 3.655 *

SeqID: fig|6666666.171271.peg.1488
CELLO prediction:
Composition Cytoplasmic 0.348
Di-peptide OuterMembrane 0.492
part-Comp. Cytoplasmic 0.532
chemo-typy Periplasmic 0.327
Neighboring OuterMembrane 0.478

Combined SVM classifier:
Extracellular 0.583
OuterMembrane 1.382 *
Periplasmic 0.756
InnerMembrane 0.896
Cytoplasmic 1.383 *

SeqID: fig|6666666.171271.peg.1489
CELLO prediction:
Composition Cytoplasmic 0.308
Di-peptide Extracellular 0.505
part-Comp. Extracellular 0.535
cheto-typy
Neighboring

Combined SVM classifier:

Extracellular 1.833 *
OuterMembrane 2.139 *
Periplasmic 0.302
InnerMembrane 0.112
Cytoplasmic 0.614

SeqID: fig|6666666.171271.peg.1490
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Extracellular 0.566
part-Comp. Cytoplasmic 0.344
cheto-typy OuterMembrane 0.509
Neighboring Extracellular 0.566

Combined SVM classifier:

Extracellular 1.881 *
OuterMembrane 1.277 *
Periplasmic 0.748
InnerMembrane 0.437
Cytoplasmic 0.657

SeqID: fig|6666666.171271.peg.1491
CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.315
Di-peptide OuterMembrane 0.710
part-Comp. OuterMembrane 0.475
cheto-typy Periplasmic 0.551
Neighboring Extracellular 0.481

Combined SVM classifier:

Extracellular 1.273 *
OuterMembrane 1.906 *
Periplasmic 0.814
InnerMembrane 0.377
Cytoplasmic 0.630

SeqID: fig|6666666.171271.peg.1492
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.794
Di-peptide Cytoplasmic 0.919
part-Comp. Cytoplasmic 0.965
cheto-typy Cytoplasmic 0.600
Neighboring Cytoplasmic 0.989

Combined SVM classifier:
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<th>Location</th>
<th>CELLO Prediction</th>
<th>SVM Classifier</th>
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<tbody>
<tr>
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<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<tr>
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#### SeqID: fig|6666666.171271.peg.1496

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<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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**Combined SVM classifier:**

<table>
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<tr>
<th>Region</th>
<th>Probability</th>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
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### SeqID: fig|6666666.171271.peg.1497

<table>
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<tr>
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</tr>
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<td>0.409</td>
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**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Region</th>
<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.404</td>
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<tr>
<td>OuterMembrane</td>
<td>0.368</td>
</tr>
<tr>
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</tr>
<tr>
<td>InnerMembrane</td>
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### SeqID: fig|6666666.171271.peg.1498

<table>
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<th>Location</th>
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<td>0.633</td>
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<tr>
<td>Di-peptide</td>
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**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Region</th>
<th>Probability</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
<td>0.226</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>2.491 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.421</td>
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Cytoplasmic 2.419 *
SeqID: fig|666666.171271.peg.1499
CELO prediction:

(predictor  location   reliable-index)
Composition Extracellular 0.705
Di-peptide Extracellular 0.897
part-Comp. Extracellular 0.685
chemo-typy Extracellular 0.779
Neighboring Extracellular 0.464

Combined SVM classifier:
Extracellular 3.529 *
OuterMembrane 0.851
Periplasmic 0.356
InnerMembrane 0.112
Cytoplasmic 0.152

SeqID: fig|666666.171271.peg.1500
CELO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.319
Di-peptide Cytoplasmic 0.815
part-Comp. Cytoplasmic 0.373
chemo-typy InnerMembrane 0.492
Neighboring Cytoplasmic 0.323

Combined SVM classifier:
Extracellular 0.718
OuterMembrane 0.326
Periplasmic 0.624
InnerMembrane 1.082
Cytoplasmic 2.250 *

SeqID: fig|666666.171271.peg.1501
CELO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.826
Di-peptide OuterMembrane 0.370
part-Comp. Cytoplasmic 0.840
chemo-typy OuterMembrane 0.245
Neighboring Cytoplasmic 0.956

Combined SVM classifier:
Extracellular 0.517
OuterMembrane 0.814
Periplasmic 0.206
InnerMembrane 0.383
Cytoplasmic 3.079 *

SeqID: fig|666666.171271.peg.1502
CELO prediction:
| SeqID: fig|6666666.171271.peg.1503 |
|-------------------------------------------------------------|
| CELLO prediction:                                            |
| (predictor location reliable-index)                         |
| Composition InnerMembrane 0.666                             |
| Di-peptide InnerMembrane 0.979                              |
| part-Comp. InnerMembrane 0.870                              |
| chemo-typy InnerMembrane 0.828                              |
| Neighboring InnerMembrane 0.494                             |
| Combined SVM classifier:                                    |
| Extracellular 0.295                                         |
| OuterMembrane 0.226                                        |
| Periplasmic 0.236                                           |
| InnerMembrane 3.837 *                                       |
| Cytoplasmic 0.406                                           |

| SeqID: fig|6666666.171271.peg.1504 |
|-------------------------------------------------------------|
| CELLO prediction:                                            |
| (predictor location reliable-index)                         |
| Composition Cytoplasmic 0.922                               |
| Di-peptide Cytoplasmic 0.453                                |
| part-Comp. Cytoplasmic 0.964                                |
| chemo-typy Cytoplasmic 0.308                                 |
| Neighboring Cytoplasmic 0.913                               |
| Combined SVM classifier:                                    |
| Extracellular 0.274                                         |
| OuterMembrane 0.637                                        |
| Periplasmic 0.336                                           |
| InnerMembrane 0.193                                        |
| Cytoplasmic 3.560 *                                         |

<p>| SeqID: fig|6666666.171271.peg.1505 |
|-------------------------------------------------------------|
| CELLO prediction:                                            |
| (predictor location reliable-index)                         |
| Composition InnerMembrane 0.459                             |
| Di-peptide InnerMembrane 0.982                              |
| part-Comp. InnerMembrane 0.589                              |</p>
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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.1506

**CELLO prediction:**

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<tr>
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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.1507

**CELLO prediction:**

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<td>Composition</td>
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**Combined SVM classifier:**

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<tr>
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<tr>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.1508

**CELLO prediction:**

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<td>Composition</td>
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<td>Di-peptide</td>
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**Combined SVM classifier:**
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<th>Combined SVM Classifier</th>
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SeqID: fig|6666666.171271.peg.1510
CELLO prediction:

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SeqID: fig|6666666.171271.peg.1511
CELLO prediction:

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<th>Combined SVM Classifier</th>
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CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.755
part-Comp. Cytoplasmic 0.377
chemo-typy Cytoplasmic 0.979
Neighboring Cytoplasmic 0.400

Combined SVM classifier:
Extracellular 0.690
OuterMembrane 0.263
Periplasmic 0.867
InnerMembrane 0.430
Cytoplasmic 2.749 *

SeqID: fig|6666666.171271.peg.1513
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.270
Di-peptide Cytoplasmic 0.784
part-Comp. Cytoplasmic 0.360
chemo-typy Cytoplasmic 0.859
Neighboring Cytoplasmic 0.368

Combined SVM classifier:
Extracellular 0.782
OuterMembrane 0.279
Periplasmic 0.964
InnerMembrane 0.368
Cytoplasmic 2.607 *

SeqID: fig|6666666.171271.peg.1514
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.803
Di-peptide Cytoplasmic 0.926
part-Comp. Cytoplasmic 0.874
chemo-typy Cytoplasmic 0.586
Neighboring Cytoplasmic 0.826

Combined SVM classifier:
Extracellular 0.326
OuterMembrane 0.133
Periplasmic 0.397
InnerMembrane 0.129
Cytoplasmic 4.015 *
SeqID: fig|6666666.171271.peg.1515
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.748
Di-peptide Cytoplasmic 0.874
part-Comp. Cytoplasmic 0.777
chemo-typpy Periplasmic 0.667
Neighboring Cytoplasmic 0.793

Combined SVM classifier:
Extracellular 0.309
OuterMembrane 0.153
Periplasmic 0.997
InnerMembrane 0.109
Cytoplasmic 3.432 *

SeqID: fig|6666666.171271.peg.1516
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.892
Di-peptide Cytoplasmic 0.949
part-Comp. Cytoplasmic 0.961
chemo-typpy Cytoplasmic 0.441
Neighboring Cytoplasmic 0.989

Combined SVM classifier:
Extracellular 0.191
OuterMembrane 0.309
Periplasmic 0.211
InnerMembrane 0.056
Cytoplasmic 4.233 *

SeqID: fig|6666666.171271.peg.1517
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.521
Di-peptide OuterMembrane 0.631
part-Comp. InnerMembrane 0.724
chemo-typpy Periplasmic 0.594
Neighboring OuterMembrane 0.622

Combined SVM classifier:
Extracellular 0.616
OuterMembrane 2.039 *
Periplasmic 0.724
InnerMembrane 1.371 *
Cytoplasmic 0.251

SeqID: fig|6666666.171271.peg.1518
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.604
Di-peptide   Cytoplasmic  0.773
part-Comp.   Cytoplasmic  0.601
chemo-typy   Extracellular 0.353
Neighboring  Cytoplasmic  0.598

Combined SVM classifier:
Extracellular 0.837
OuterMembrane 0.652
Periplasmic 0.646
InnerMembrane 0.175
Cytoplasmic 2.689 *

SeqID: fig|6666666.171271.peg.1519
CELLO prediction:
(predictor location reliable-index)
Composition  Periplasmic  0.265
Di-peptide   Cytoplasmic  0.577
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.436
Neighboring  Extracellular 0.426

Combined SVM classifier:
Extracellular 1.322 *
OuterMembrane 0.351
Periplasmic 1.133 *
InnerMembrane 0.377
Cytoplasmic 1.817 *

SeqID: fig|6666666.171271.peg.1520
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.523
Di-peptide   Cytoplasmic  0.635
part-Comp.   Cytoplasmic  0.667
chemo-typy   Periplasmic  0.744
Neighboring  Cytoplasmic  0.777

Combined SVM classifier:
Extracellular 0.510
OuterMembrane 0.166
Periplasmic 1.192
InnerMembrane 0.424
Cytoplasmic 2.709 *

SeqID: fig|6666666.171271.peg.1521
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.433
Di-peptide   Cytoplasmic  0.580
part-Comp.   Cytoplasmic  0.513
chemo-typy  Cytoplasmic  0.808
  Neighboring  Cytoplasmic  0.585

Combined SVM classifier:
  Extracellular  0.819
  OuterMembrane  0.744
  Periplasmic  0.333
  InnerMembrane  0.185
  Cytoplasmic  2.919 *

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SeqID: fig|6666666.171271.peg.1522
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.670
Di-peptide  InnerMembrane  1.000
part-Comp.  InnerMembrane  0.942
chemo-typy  InnerMembrane  1.000
Neighboring  InnerMembrane  0.990

Combined SVM classifier:
  Extracellular  0.089
  OuterMembrane  0.051
  Periplasmic  0.106
  InnerMembrane  4.602 *
  Cytoplasmic  0.152

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SeqID: fig|6666666.171271.peg.1523
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.547
Di-peptide  Cytoplasmic  0.756
part-Comp.  Cytoplasmic  0.786
chemo-typy  Cytoplasmic  0.838
Neighboring  OuterMembrane  0.616

Combined SVM classifier:
  Extracellular  0.426
  OuterMembrane  1.008
  Periplasmic  0.165
  InnerMembrane  0.339
  Cytoplasmic  3.062 *

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SeqID: fig|6666666.171271.peg.1524
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.504
Di-peptide  Cytoplasmic  0.784
part-Comp.  Cytoplasmic  0.496
chemo-typy  Cytoplasmic  0.601
Neighboring  Cytoplasmic  0.883

Combined SVM classifier:
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<th>Combined SVM Classifier:</th>
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Cytoplasmic 4.157 *

SeqID: fig|6666666.171271.peg.1528
CELLO prediction:
(predictor location reliable-index)
Composition    Cytoplasmic    0.993
Di-peptide     Cytoplasmic    0.506
part-Comp.     Cytoplasmic    0.996
chemo-typy     Cytoplasmic    0.395
Neighboring    Cytoplasmic    0.997

Combined SVM classifier:
Extracellular    0.152
OuterMembrane    0.297
Periplasmic       0.196
InnerMembrane    0.467
Cytoplasmic      3.888 *

SeqID: fig|6666666.171271.peg.1529
CELLO prediction:
(predictor location reliable-index)
Composition    OuterMembrane   0.767
Di-peptide     OuterMembrane   0.874
part-Comp.     OuterMembrane   0.866
chemo-typy     OuterMembrane   0.873
Neighboring    OuterMembrane   0.829

Combined SVM classifier:
Extracellular    0.329
OuterMembrane    4.209 *
Periplasmic       0.073
InnerMembrane    0.148
Cytoplasmic      0.242

SeqID: fig|6666666.171271.peg.1530
CELLO prediction:
(predictor location reliable-index)
Composition    OuterMembrane   0.528
Di-peptide     OuterMembrane   0.500
part-Comp.     OuterMembrane   0.534
chemo-typy     OuterMembrane   0.434
Neighboring    OuterMembrane   0.743

Combined SVM classifier:
Extracellular    1.375
OuterMembrane    2.739 *
Periplasmic       0.399
InnerMembrane    0.273
Cytoplasmic      0.213
SeqID: fig|6666666.171271.peg.1531
CELLO prediction:
(predictor location   reliable-index)
Composition Cytoplasmic  0.455
Di-peptide Cytoplasmic  0.572
part-Comp. Cytoplasmic  0.511
chemo-typy Periplasmic  0.747
Neighboring Extracellular  0.314

Combined SVM classifier:
Extracellular  0.774
OuterMembrane  0.596
Periplasmic  1.276 *
InnerMembrane  0.556
Cytoplasmic  1.798 *

SeqID: fig|6666666.171271.peg.1532
CELLO prediction:
(predictor location   reliable-index)
Composition Cytoplasmic  0.708
Di-peptide Cytoplasmic  0.889
part-Comp. InnerMembrane  0.511
chemo-typy Cytoplasmic  0.893
Neighboring Cytoplasmic  0.388

Combined SVM classifier:
Extracellular  0.411
OuterMembrane  0.344
Periplasmic  0.148
InnerMembrane  0.850
Cytoplasmic  3.246 *

SeqID: fig|6666666.171271.peg.1533
CELLO prediction:
(predictor location   reliable-index)
Composition InnerMembrane  0.945
Di-peptide InnerMembrane  0.975
part-Comp. InnerMembrane  0.942
chemo-typy InnerMembrane  0.743
Neighboring InnerMembrane  0.981

Combined SVM classifier:
Extracellular  0.016
OuterMembrane  0.074
Periplasmic  0.067
InnerMembrane  4.585 *
Cytoplasmic  0.258

SeqID: fig|6666666.171271.peg.1534
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.734
Di-peptide InnerMembrane 0.994
part-Comp. InnerMembrane 0.869
chemo-t yp ty InnerMembrane 0.999
Neighboring InnerMembrane 0.862

Combined SVM classifier:
Extracellular 0.088
OuterMembrane 0.184
Periplasmic 0.099
InnerMembrane 4.458 *
Cytoplasmic 0.171

SeqID: fig|6666666.171271.peg.1535
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.274
Di-peptide Cytoplasmic 0.803
part-Comp. Cytoplasmic 0.372
chemo-t yp ty Cytoplasmic 0.930
Neighboring OuterMembrane 0.377

Combined SVM classifier:
Extracellular 0.686
OuterMembrane 0.679
Periplasmic 0.684
InnerMembrane 0.273
Cytoplasmic 2.678 *

SeqID: fig|6666666.171271.peg.1536
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.849
part-Comp. Cytoplasmic 0.365
chemo-t yp ty Cytoplasmic 0.674
Neighboring Cytoplasmic 0.313

Combined SVM classifier:
Extracellular 0.826
OuterMembrane 0.401
Periplasmic 0.946
InnerMembrane 0.391
Cytoplasmic 2.437 *

SeqID: fig|6666666.171271.peg.1537
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.264
Di-peptide InnerMembrane 0.958
part-Comp. Cytoplasmic 0.416
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<th>chemo-typy</th>
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<tr>
<td>Neighboring InnerMembrane</td>
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</table>

**Combined SVM classifier:**

| Extracellular | 0.623 |
| OuterMembrane | 0.389 |
| Periplasmic   | 0.555 |
| InnerMembrane | 2.578 * |
| Cytoplasmic   | 0.855 |

SeqID: fig|6666666.171271.peg.1538

**CELLO prediction:**

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<td>Cytoplasmic</td>
<td>0.353</td>
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</table>

**Combined SVM classifier:**

| Extracellular | 1.471 * |
| OuterMembrane | 0.504  |
| Periplasmic   | 0.741  |
| InnerMembrane | 0.471  |
| Cytoplasmic   | 1.814 * |

SeqID: fig|6666666.171271.peg.1539

**CELLO prediction:**

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**Combined SVM classifier:**

| Extracellular | 0.158 |
| OuterMembrane | 0.089 |
| Periplasmic   | 0.275 |
| InnerMembrane | 0.293 |
| Cytoplasmic   | 4.184 * |

SeqID: fig|6666666.171271.peg.1540

**CELLO prediction:**

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</table>

**Combined SVM classifier:**
Extracellular 1.239
OuterMembrane 1.957 *
Periplasmic 0.571
InnerMembrane 0.272
Cytoplasmic 0.961

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1541
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.734
Di-peptide Cytoplasmic 0.889
part-Comp. Cytoplasmic 0.923
chemo-typy Cytoplasmic 0.923
Neighboring Cytoplasmic 0.957

Combined SVM classifier:
Extracellular 0.201
OuterMembrane 0.148
Periplasmic 0.132
InnerMembrane 0.093
Cytoplasmic 4.426 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1542
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.592
Di-peptide Cytoplasmic 0.476
part-Comp. Cytoplasmic 0.906
chemo-typy InnerMembrane 0.423
Neighboring Cytoplasmic 0.903

Combined SVM classifier:
Extracellular 0.108
OuterMembrane 0.134
Periplasmic 0.495
InnerMembrane 1.152
Cytoplasmic 3.112 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1543
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.932
Di-peptide Cytoplasmic 0.861
part-Comp. Cytoplasmic 0.952
chemo-typy Cytoplasmic 0.940
Neighboring Cytoplasmic 0.938

Combined SVM classifier:
Extracellular 0.024
OuterMembrane 0.007
Periplasmic 0.270
InnerMembrane 0.075
Cytoplasmic 4.624 *

SeqID: fig|6666666.171271.peg.1544
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.851
Di-peptide Cytoplasmic 0.853
part-Comp. Cytoplasmic 0.993
chemo-typy Cytoplasmic 0.948
Neighboring Cytoplasmic 0.881

Combined SVM classifier:
Extracellular 0.093
OuterMembrane 0.050
Periplasmic 0.299
InnerMembrane 0.033
Cytoplasmic 4.525 *

SeqID: fig|6666666.171271.peg.1545
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.891
Di-peptide Cytoplasmic 0.929
part-Comp. Cytoplasmic 0.828
chemo-typy Cytoplasmic 0.884
Neighboring Cytoplasmic 0.986

Combined SVM classifier:
Extracellular 0.104
OuterMembrane 0.108
Periplasmic 0.111
InnerMembrane 0.160
Cytoplasmic 4.517 *

SeqID: fig|6666666.171271.peg.1546
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.626
Di-peptide Cytoplasmic 0.873
part-Comp. Cytoplasmic 0.807
chemo-typy Cytoplasmic 0.517
Neighboring Cytoplasmic 0.877

Combined SVM classifier:
Extracellular 0.527
OuterMembrane 0.277
Periplasmic 0.240
InnerMembrane 0.255
Cytoplasmic 3.701 *
| SeqID: fig|6666666.171271.peg.1547 |
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| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition: Cytoplasmic 0.982 |
| Di-peptide: Cytoplasmic 0.991 |
| part-Comp.: Cytoplasmic 0.977 |
| chemo-typy: Cytoplasmic 0.923 |
| Neighboring: Cytoplasmic 0.932 |
| Combined SVM classifier: |
| Extracellular 0.039 |
| OuterMembrane 0.037 |
| Periplasmic 0.091 |
| InnerMembrane 0.027 |
| Cytoplasmic 4.806 * |

| SeqID: fig|6666666.171271.peg.1548 |
|----------|
| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition: Cytoplasmic 0.779 |
| Di-peptide: Cytoplasmic 0.993 |
| part-Comp.: Cytoplasmic 0.983 |
| chemo-typy: Cytoplasmic 0.903 |
| Neighboring: Cytoplasmic 0.921 |
| Combined SVM classifier: |
| Extracellular 0.092 |
| OuterMembrane 0.069 |
| Periplasmic 0.200 |
| InnerMembrane 0.060 |
| Cytoplasmic 4.579 * |

| SeqID: fig|6666666.171271.peg.1549 |
|----------|
| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition: Periplasmic 0.277 |
| Di-peptide: Cytoplasmic 0.794 |
| part-Comp.: Cytoplasmic 0.351 |
| chemo-typy: Cytoplasmic 0.819 |
| Neighboring: Cytoplasmic 0.496 |
| Combined SVM classifier: |
| Extracellular 0.688 |
| OuterMembrane 0.254 |
| Periplasmic 0.994 |
| InnerMembrane 0.360 |
| Cytoplasmic 2.704 * |

| SeqID: fig|6666666.171271.peg.1550 |
|----------|
| CELLO prediction: |
SeqID: fig|6666666.171271.peg.1551
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.727
Di-peptide Cytoplasmic 0.454
part-Comp. Cytoplasmic 0.792
chemo-typy Periplasmic 0.343
Neighboring Cytoplasmic 0.950

Combined SVM classifier:
Extracellular 0.590
OuterMembrane 0.665
Periplasmic 0.400
InnerMembrane 0.166
Cytoplasmic 3.179 *

SeqID: fig|6666666.171271.peg.1552
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.736
Di-peptide Cytoplasmic 0.874
part-Comp. Cytoplasmic 0.886
chemo-typy Cytoplasmic 0.690
Neighboring Cytoplasmic 0.948

Combined SVM classifier:
Extracellular 0.302
OuterMembrane 0.237
Periplasmic 0.191
InnerMembrane 0.136
Cytoplasmic 4.134 *

SeqID: fig|6666666.171271.peg.1553
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.962
Di-peptide Cytoplasmic 0.969
part-Comp. Cytoplasmic 0.883
chemo-typy Cytoplasmic 0.930
Neighboring Cytoplasmic 0.985

Combined SVM classifier:
Extracellular 0.026
OuterMembrane 0.032
Periplasmic 0.113
InnerMembrane 0.100
Cytoplasmic 4.729 *

SeqID: fig|6666666.171271.peg.1554
CELLO prediction:
Composition InnerMembrane 1.000
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 0.997
chemo-typy InnerMembrane 0.979
Neighboring InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.004
OuterMembrane 0.007
Periplasmic 0.009
InnerMembrane 4.971 *
Cytoplasmic 0.009

SeqID: fig|6666666.171271.peg.1555
CELLO prediction:
Composition Cytoplasmic 0.908
Di-peptide Cytoplasmic 0.925
part-Comp. Cytoplasmic 0.917
chemo-typy Periplasmic 0.685
Neighboring Cytoplasmic 0.871

Combined SVM classifier:
Extracellular 0.037
OuterMembrane 0.076
Periplasmic 0.798
InnerMembrane 0.285
Cytoplasmic 3.804 *

SeqID: fig|6666666.171271.peg.1556
CELLO prediction:
Composition Cytoplasmic 0.533
Di-peptide OuterMembrane 0.752
part-Comp. Cytoplasmic 0.761
chemo-typy Cytoplasmic 0.887
Neighboring Cytoplasmic 0.686

Combined SVM classifier:
Extracellular 0.331
OuterMembrane 0.976
Periplasmic 0.366
InnerMembrane 0.267
Cytoplasmic 3.060 *

******************
******
SeqID: fig|6666666.171271.peg.1557
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.478
Di-peptide Periplasmic 0.522
part-Comp. Cytoplasmic 0.479
chemo-typy Cytoplasmic 0.556
Neighboring Cytoplasmic 0.333

Combined SVM classifier:
Extracellular 0.406
OuterMembrane 0.163
Periplasmic 1.851 *
InnerMembrane 0.585
Cytoplasmic 1.995 *

******************
******
SeqID: fig|6666666.171271.peg.1558
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.415
Di-peptide Cytoplasmic 0.959
part-Comp. Cytoplasmic 0.779
chemo-typy Cytoplasmic 0.838
Neighboring OuterMembrane 0.430

Combined SVM classifier:
Extracellular 0.761
OuterMembrane 0.819
Periplasmic 0.245
InnerMembrane 0.079
Cytoplasmic 3.096 *

******************
******
SeqID: fig|6666666.171271.peg.1559
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.813
Di-peptide Cytoplasmic 0.770
part-Comp. Cytoplasmic 0.720
chemo-typy Cytoplasmic 0.690
Neighboring Cytoplasmic 0.872

Combined SVM classifier:
Extracellular 0.325
OuterMembrane 0.367
Periplasmic 0.373
InnerMembrane 0.069
Cytoplasmic 3.866 *

SeqID: fig|6666666.171271.peg.1560
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.920
Di-peptide OuterMembrane 0.352
part-Comp. Cytoplasmic 0.987
chemo-typy OuterMembrane 0.336
Neighboring Cytoplasmic 0.989

Combined SVM classifier:
Extracellular 0.317
OuterMembrane 0.741
Periplasmic 0.179
InnerMembrane 0.560
Cytoplasmic 3.204 *

SeqID: fig|6666666.171271.peg.1561
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.488
Di-peptide Extracellular 0.744
part-Comp. Extracellular 0.599
chemo-typy Extracellular 0.570
Neighboring Extracellular 0.769

Combined SVM classifier:
Extracellular 3.169 *
OuterMembrane 0.514
Periplasmic 0.672
InnerMembrane 0.152
Cytoplasmic 0.493

SeqID: fig|6666666.171271.peg.1562
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.337
Di-peptide OuterMembrane 0.968
part-Comp. Extracellular 0.437
chemo-typy OuterMembrane 0.924
Neighboring OuterMembrane 0.637

Combined SVM classifier:
Extracellular 1.052
OuterMembrane 3.231 *
Periplasmic 0.278
InnerMembrane 0.209
Cytoplasmic 0.229
| SeqID: fig|6666666.171271.peg.1563 | CELLO prediction: |
|---|---|
| (predictor | location | reliable-index) |
| Composition | Extracellular | 0.344 |
| Di-peptide | OuterMembrane | 0.960 |
| part-Comp. | Extracellular | 0.613 |
| chemo-typy | Periplasmic | 0.426 |
| Neighboring | Extracellular | 0.428 |

Combined SVM classifier:
- Extracellular: 1.494 *
- OuterMembrane: 1.644 *
- Periplasmic: 1.126 *
- InnerMembrane: 0.187
- Cytoplasmic: 0.550

| SeqID: fig|6666666.171271.peg.1564 | CELLO prediction: |
|---|---|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.304 |
| Di-peptide | Cytoplasmic | 0.761 |
| part-Comp. | Cytoplasmic | 0.453 |
| chemo-typy | Extracellular | 0.489 |
| Neighboring | OuterMembrane | 0.468 |

Combined SVM classifier:
- Extracellular: 0.970
- OuterMembrane: 0.852
- Periplasmic: 0.724
- InnerMembrane: 0.274
- Cytoplasmic: 2.180 *

| SeqID: fig|6666666.171271.peg.1565 | CELLO prediction: |
|---|---|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.961 |
| Di-peptide | Cytoplasmic | 0.988 |
| part-Comp. | Cytoplasmic | 0.993 |
| chemo-typy | Cytoplasmic | 0.998 |
| Neighboring | Cytoplasmic | 0.982 |

Combined SVM classifier:
- Extracellular: 0.009
- OuterMembrane: 0.014
- Periplasmic: 0.028
- InnerMembrane: 0.026
- Cytoplasmic: 4.922 *

| SeqID: fig|6666666.171271.peg.1566 | CELLO prediction: |
| SeqID: fig|6666666.171271.peg.1567 |
|-------------------------------|
| CELLO prediction:              |
| (predictor location reliable-index) |
| Composition | Cytoplasmic | 0.426 |
| Di-peptide  | OuterMembrane | 0.573 |
| part-Comp.  | Extracellular | 0.645 |
| chemo-typy  | Cytoplasmic | 0.571 |
| Neighboring | OuterMembrane | 0.388 |
| Combined SVM classifier:       |
| Extracellular | 1.168 |
| OuterMembrane | 1.181 |
| Periplasmic | 0.623 |
| InnerMembrane | 0.127 |
| Cytoplasmic | 1.902 * |

| SeqID: fig|6666666.171271.peg.1568 |
|-------------------------------|
| CELLO prediction:              |
| (predictor location reliable-index) |
| Composition | Periplasmic | 0.264 |
| Di-peptide  | Cytoplasmic | 0.791 |
| part-Comp.  | Cytoplasmic | 0.440 |
| chemo-typy  | Cytoplasmic | 0.494 |
| Neighboring | Cytoplasmic | 0.441 |
| Combined SVM classifier:       |
| Extracellular | 0.868 |
| OuterMembrane | 0.710 |
| Periplasmic | 0.720 |
| InnerMembrane | 0.285 |
| Cytoplasmic | 2.417 * |

| SeqID: fig|6666666.171271.peg.1569 |
|-------------------------------|
| CELLO prediction:              |
| (predictor location reliable-index) |
| Composition | Periplasmic | 0.259 |
| Di-peptide  | Cytoplasmic | 0.793 |
| part-Comp.  | Cytoplasmic | 0.356 |
chemo-typy  Cytoplasmic  0.712  
Neighboring  Cytoplasmic  0.406  

Combined SVM classifier:
Extracellular  0.785  
OuterMembrane  0.282  
Periplasmic  0.978  
InnerMembrane  0.429  
Cytoplasmic  2.525 *

SeqID: fig|6666666.171271.peg.1570
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.366  
Di-peptide  Periplasmic  0.607  
part-Comp.  Periplasmic  0.301  
chemo-typy  Periplasmic  0.595  
Neighboring  Extracellular  0.339  

Combined SVM classifier:
Extracellular  0.964  
OuterMembrane  0.465  
Periplasmic  2.054 *  
InnerMembrane  0.231  
Cytoplasmic  1.286  

SeqID: fig|6666666.171271.peg.1571
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.404  
Di-peptide  InnerMembrane  0.482  
part-Comp.  Cytoplasmic  0.714  
chemo-typy  InnerMembrane  0.692  
Neighboring  Cytoplasmic  0.607  

Combined SVM classifier:
Extracellular  0.417  
OuterMembrane  0.622  
Periplasmic  0.375  
InnerMembrane  1.703 *  
Cytoplasmic  1.883 *  

SeqID: fig|6666666.171271.peg.1572
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.260  
Di-peptide  OuterMembrane  0.450  
part-Comp.  Periplasmic  0.389  
chemo-typy  Periplasmic  0.848  
Neighboring  OuterMembrane  0.318  

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>CELLO Prediction</th>
<th>Combined SVM Classifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.707</td>
<td>1.068</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.295 *</td>
<td>0.293</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.968 *</td>
<td>1.110</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.209</td>
<td>0.343</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.821</td>
<td></td>
</tr>
</tbody>
</table>

| SeqID: fig|6666666.171271.peg.1573 | CELLO prediction: |
|-----------|--------------------------|
| Composition | Cytoplasmic 0.424 |
| Di-peptide  | Cytoplasmic 0.557 |
| part-Comp.  | Cytoplasmic 0.505 |
| chemo-typy  | Cytoplasmic 0.880 |
| Neighboring | Cytoplasmic 0.799 |
| Combined SVM classifier: |
| Extracellular | 0.548 |
| OuterMembrane | 0.553 |
| Periplasmic  | 0.410 |
| InnerMembrane | 0.323 |
| Cytoplasmic  | 3.165 * |

| SeqID: fig|6666666.171271.peg.1574 | CELLO prediction: |
|-----------|--------------------------|
| Composition | InnerMembrane 0.517 |
| Di-peptide  | InnerMembrane 0.981 |
| part-Comp.  | Cytoplasmic 0.586 |
| chemo-typy  | InnerMembrane 0.596 |
| Neighboring | InnerMembrane 0.771 |
| Combined SVM classifier: |
| Extracellular | 0.108 |
| OuterMembrane | 0.620 |
| Periplasmic  | 0.093 |
| InnerMembrane | 3.131 * |
| Cytoplasmic  | 1.048 |

| SeqID: fig|6666666.171271.peg.1575 | CELLO prediction: |
|-----------|--------------------------|
| Composition | Periplasmic 0.271 |
| Di-peptide  | Cytoplasmic 0.568 |
| part-Comp.  | Cytoplasmic 0.357 |
| chemo-typy  | Cytoplasmic 0.776 |
| Neighboring | Extracellular 0.452 |
| Combined SVM classifier: |
| Extracellular | 1.068 |
| OuterMembrane | 0.293 |
| Periplasmic  | 1.110 |
| InnerMembrane | 0.343 |
Cytoplasmic 2.185 *

SeqID: fig|6666666.171271.peg.1576
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.535
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.798
chemo-typy Cytoplasmic 0.925
Neighboring Cytoplasmic 0.907

Combined SVM classifier:
Extracellular 0.437
OuterMembrane 0.123
Periplasmic 0.164
InnerMembrane 0.128
Cytoplasmic 4.149 *

SeqID: fig|6666666.171271.peg.1577
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.616
Di-peptide Cytoplasmic 0.783
part-Comp. Cytoplasmic 0.383
chemo-typy Cytoplasmic 0.638
Neighboring Cytoplasmic 0.443

Combined SVM classifier:
Extracellular 0.496
OuterMembrane 1.250
Periplasmic 0.468
InnerMembrane 0.311
Cytoplasmic 2.474 *

SeqID: fig|6666666.171271.peg.1578
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.967
Di-peptide InnerMembrane 0.988
part-Comp. InnerMembrane 0.991
chemo-typy InnerMembrane 0.970
Neighboring InnerMembrane 0.986

Combined SVM classifier:
Extracellular 0.021
OuterMembrane 0.035
Periplasmic 0.021
InnerMembrane 4.902 *
Cytoplasmic 0.022
CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.887</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.818</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.780</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.398</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.638</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 3.520 *
- OuterMembrane: 0.852
- Periplasmic: 0.316
- InnerMembrane: 0.047
- Cytoplasmic: 0.266

---

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.466</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.972</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.572</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.913</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.419</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.363
- OuterMembrane: 0.688
- Periplasmic: 0.325
- InnerMembrane: 0.421
- Cytoplasmic: 3.203 *

---

CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.382</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.618</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.516</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.714</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.376</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 1.291
- OuterMembrane: 2.357 *
- Periplasmic: 0.232
- InnerMembrane: 0.071
- Cytoplasmic: 1.050

---

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.674
Di-peptide  Cytoplasmic  0.853
part-Comp.  Cytoplasmic  0.626
chemo-typy  Cytoplasmic  0.468
Neighboring  Cytoplasmic  0.606

Combined SVM classifier:
Extracellular  0.669
OuterMembrane  0.541
Periplasmic  0.384
InnerMembrane  0.180
Cytoplasmic  3.226 *

SeqID: fig|6666666.171271.peg.1583
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.549
Di-peptide  Cytoplasmic  0.558
part-Comp.  Periplasmic  0.867
chemo-typy  Cytoplasmic  0.454
Neighboring  Cytoplasmic  0.569

Combined SVM classifier:
Extracellular  0.182
OuterMembrane  0.299
Periplasmic  2.292 *
InnerMembrane  0.042
Cytoplasmic  2.186 *

SeqID: fig|6666666.171271.peg.1584
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.441
Di-peptide  Cytoplasmic  0.822
part-Comp.  Cytoplasmic  0.390
chemo-typy  Cytoplasmic  0.925
Neighboring  Cytoplasmic  0.619

Combined SVM classifier:
Extracellular  0.474
OuterMembrane  0.169
Periplasmic  0.734
InnerMembrane  0.425
Cytoplasmic  3.198 *

SeqID: fig|6666666.171271.peg.1585
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.259
Di-peptide  Cytoplasmic  0.652
part-Comp.  Cytoplasmic  0.387
chemo-typy Cytoplasmic 0.842
Neighboring Extracellular 0.427

Combined SVM classifier:
Extracellular 0.888
OuterMembrane 0.314
Periplasmic 0.869
InnerMembrane 0.531
Cytoplasmic 2.397 *

SeqID: fig|6666666.171271.peg.1586
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.784
Di-peptide Cytoplasmic 0.644
part-Comp. Cytoplasmic 0.372
chemo-typy Cytoplasmic 0.517
Neighboring Cytoplasmic 0.806

Combined SVM classifier:
Extracellular 0.235
OuterMembrane 0.282
Periplasmic 0.933
InnerMembrane 0.426
Cytoplasmic 3.124 *

SeqID: fig|6666666.171271.peg.1587
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.985
Di-peptide InnerMembrane 0.999
part-Comp. InnerMembrane 1.000
chemo-typy InnerMembrane 0.978
Neighboring InnerMembrane 0.999

Combined SVM classifier:
Extracellular 0.006
OuterMembrane 0.011
Periplasmic 0.009
InnerMembrane 4.962 *
Cytoplasmic 0.012

SeqID: fig|6666666.171271.peg.1588
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.953
Di-peptide InnerMembrane 0.995
part-Comp. InnerMembrane 0.902
chemo-typy InnerMembrane 0.986
Neighboring InnerMembrane 0.862

Combined SVM classifier:
Extracellular 0.050
OuterMembrane 0.069
Periplasmic 0.054
InnerMembrane 4.697 *
Cytoplasmic 0.131

CELLO prediction:
(predictor   location   reliable-index)
Composition   Cytoplasmic 0.277
Di-peptide    Cytoplasmic 0.670
part-Comp.    Cytoplasmic 0.414
chemo-typy    Periplasmic 0.481
Neighboring   Cytoplasmic 0.448

Combined SVM classifier:
Extracellular 0.811
OuterMembrane 0.364
Periplasmic 1.344
InnerMembrane 0.248
Cytoplasmic 2.233 *

CELLO prediction:
(predictor   location   reliable-index)
Composition   Periplasmic 0.397
Di-peptide    Periplasmic 0.764
part-Comp.    Periplasmic 0.394
chemo-typy    Cytoplasmic 0.667
Neighboring   Extracellular 0.462

Combined SVM classifier:
Extracellular 1.043
OuterMembrane 0.178
Periplasmic 2.181 *
InnerMembrane 0.175
Cytoplasmic 1.423

CELLO prediction:
(predictor   location   reliable-index)
Composition   Periplasmic 0.327
Di-peptide    Cytoplasmic 0.480
part-Comp.    Cytoplasmic 0.423
chemo-typy    Cytoplasmic 0.796
Neighboring   Cytoplasmic 0.376

Combined SVM classifier:
Extracellular 0.580
OuterMembrane 1.043
Periplasmic 0.847
InnerMembrane 0.182
| SeqID: fig|6666666.171271.peg.1592 | CELLO prediction: |
|--------------------------------|---------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.460 |
| Di-peptide | Cytoplasmic | 0.479 |
| part-Comp. | Cytoplasmic | 0.697 |
| chemo-typy | Periplasmic | 0.534 |
| Neighboring | Cytoplasmic | 0.621 |

Combined SVM classifier:

| Extracellular | 0.298 |
| OuterMembrane | 0.868 |
| Periplasmic | 0.740 |
| InnerMembrane | 0.592 |
| Cytoplasmic | **2.503** |

| SeqID: fig|6666666.171271.peg.1593 | CELLO prediction: |
|--------------------------------|---------------------|
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.956 |
| Di-peptide | InnerMembrane | 0.995 |
| part-Comp. | InnerMembrane | 0.974 |
| chemo-typy | InnerMembrane | 0.929 |
| Neighboring | InnerMembrane | 0.979 |

Combined SVM classifier:

| Extracellular | 0.433 |
| OuterMembrane | 0.210 |
| Periplasmic | 0.445 |
| InnerMembrane | 0.137 |
| Cytoplasmic | **3.774** |

| SeqID: fig|6666666.171271.peg.1594 | CELLO prediction: |
|--------------------------------|---------------------|
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.956 |
| Di-peptide | InnerMembrane | 0.995 |
| part-Comp. | InnerMembrane | 0.974 |
| chemo-typy | InnerMembrane | 0.929 |
| Neighboring | InnerMembrane | 0.979 |

Combined SVM classifier:

| Extracellular | 0.038 |
| OuterMembrane | 0.055 |
| Periplasmic | 0.055 |
| InnerMembrane | **4.833** |
| Cytoplasmic | 0.019 |
SeqID: fig|6666666.171271.peg.1595
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.977
Di-peptide  Cytoplasmic  0.925
part-Comp.  Cytoplasmic  0.943
chemo-typy  Cytoplasmic  0.481
Neighboring  Cytoplasmic  0.735

Combined SVM classifier:
Extracellular  0.047
OuterMembrane  0.088
Periplasmic  0.688
InnerMembrane  0.115
Cytoplasmic  4.062 *

SeqID: fig|6666666.171271.peg.1596
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.779
Di-peptide  Extracellular  0.410
part-Comp.  Cytoplasmic  0.971
chemo-typy  InnerMembrane  0.374
Neighboring  Cytoplasmic  0.986

Combined SVM classifier:
Extracellular  0.601
OuterMembrane  0.830
Periplasmic  0.109
InnerMembrane  0.593
Cytoplasmic  2.868 *

SeqID: fig|6666666.171271.peg.1597
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.399
Di-peptide  OuterMembrane  0.379
part-Comp.  Cytoplasmic  0.846
chemo-typy  Cytoplasmic  0.519
Neighboring  Cytoplasmic  0.960

Combined SVM classifier:
Extracellular  0.613
OuterMembrane  0.653
Periplasmic  0.395
InnerMembrane  0.336
Cytoplasmic  3.004 *

SeqID: fig|6666666.171271.peg.1598
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.340
Di-peptide  Cytoplasmic  0.621
part-Comp.  Cytoplasmic  0.387
chemo-typy  Extracellular  0.346
Neighboring  Cytoplasmic  0.477

Combined SVM classifier:
Extracellular  1.157
OuterMembrane  0.626
Periplasmic  0.819
InnerMembrane  0.265
Cytoplasmic  2.132 *

SeqID: fig|6666666.171271.peg.1599
CELLO prediction:
(predictor  location  reliable-index)
Composition  Extracellular  0.475
Di-peptide  Extracellular  0.742
part-Comp.  Extracellular  0.760
chemo-typy  OuterMembrane  0.733
Neighboring  Extracellular  0.818

Combined SVM classifier:
Extracellular  2.962 *
OuterMembrane  1.600
Periplasmic  0.168
InnerMembrane  0.058
Cytoplasmic  0.212

SeqID: fig|6666666.171271.peg.1600
CELLO prediction:
(predictor  location  reliable-index)
Composition  OuterMembrane  0.357
Di-peptide  OuterMembrane  0.529
part-Comp.  OuterMembrane  0.503
chemo-typy  OuterMembrane  0.843
Neighboring  OuterMembrane  0.597

Combined SVM classifier:
Extracellular  1.397
OuterMembrane  2.829 *
Periplasmic  0.391
InnerMembrane  0.099
Cytoplasmic  0.284

SeqID: fig|6666666.171271.peg.1601
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.838
Di-peptide  Cytoplasmic  0.740
part-Comp.  Cytoplasmic  0.783
cheto-typoCytoplasmic 0.891
Neighboring Cytoplasmic 0.865

Combined SVM classifier:
Extracellular 0.235
OuterMembrane 0.285
Periplasmic 0.242
InnerMembrane 0.121
Cytoplasmic 4.117 *

SeqID: fig|6666666.171271.peg.1602
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.433
Di-peptide Cytoplasmic 0.495
part-Comp. Cytoplasmic 0.562
cheto-typo Extracellular 0.773
Neighboring Cytoplasmic 0.615

Combined SVM classifier:
Extracellular 1.603 *
OuterMembrane 0.158
Periplasmic 0.966
InnerMembrane 0.080
Cytoplasmic 2.192 *

SeqID: fig|6666666.171271.peg.1603
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.851
Di-peptide Cytoplasmic 0.533
part-Comp. Cytoplasmic 0.861
cheto-typo Extracellular 0.406
Neighboring Cytoplasmic 0.904

Combined SVM classifier:
Extracellular 0.723
OuterMembrane 0.081
Periplasmic 0.631
InnerMembrane 0.201
Cytoplasmic 3.364 *

SeqID: fig|6666666.171271.peg.1604
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.820
Di-peptide Cytoplasmic 0.641
part-Comp. Cytoplasmic 0.767
cheto-typo OuterMembrane 0.382
Neighboring Extracellular 0.404

Combined SVM classifier:
Extracellular 0.755
OuterMembrane 1.005
Periplasmic 0.452
InnerMembrane 0.112
Cytoplasmic 2.677 *

SeqID: fig|6666666.171271.peg.1605
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.660
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.789
chemo-typy InnerMembrane 0.991
Neighboring InnerMembrane 0.985

Combined SVM classifier:
Extracellular 0.117
OuterMembrane 0.107
Periplasmic 0.133
InnerMembrane 4.423 *
Cytoplasmic 0.220

SeqID: fig|6666666.171271.peg.1606
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.651
Di-peptide Cytoplasmic 0.902
part-Comp. Cytoplasmic 0.612
chemo-typy Cytoplasmic 0.667
Neighboring Cytoplasmic 0.932

Combined SVM classifier:
Extracellular 0.467
OuterMembrane 0.181
Periplasmic 0.456
InnerMembrane 0.132
Cytoplasmic 3.763 *

SeqID: fig|6666666.171271.peg.1607
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.269
Di-peptide Cytoplasmic 0.868
part-Comp. Cytoplasmic 0.391
chemo-typy Cytoplasmic 0.639
Neighboring Cytoplasmic 0.383

Combined SVM classifier:
Extracellular 0.685
OuterMembrane 0.408
Periplasmic 1.046
InnerMembrane 0.339
Cytoplasmic 2.522 *

SeqID: fig|6666666.171271.peg.1608
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.264
Di-peptide Cytoplasmic 0.611
part-Comp. Cytoplasmic 0.376
chemo-typy Cytoplasmic 0.865
Neighboring Cytoplasmic 0.500

Combined SVM classifier:
Extracellular 0.914
OuterMembrane 0.300
Periplasmic 0.822
InnerMembrane 0.348
Cytoplasmic 2.616 *

SeqID: fig|6666666.171271.peg.1609
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.513
Di-peptide OuterMembrane 0.622
part-Comp. Cytoplasmic 0.645
chemo-typy Periplasmic 0.334
Neighboring Cytoplasmic 0.505

Combined SVM classifier:
Extracellular 0.894
OuterMembrane 1.065
Periplasmic 0.569
InnerMembrane 0.215
Cytoplasmic 2.258 *

SeqID: fig|6666666.171271.peg.1610
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.645
Di-peptide OuterMembrane 0.731
part-Comp. Cytoplasmic 0.915
chemo-typy Cytoplasmic 0.927
Neighboring Cytoplasmic 0.845

Combined SVM classifier:
Extracellular 0.160
OuterMembrane 0.888
Periplasmic 0.216
InnerMembrane 0.253
Cytoplasmic 3.483 *
| SeqID: fig|6666666.171271.peg.1611 | CELLO prediction: |
|-----------------|--------------------------|
| predictor       | location     | reliable-index |
| Composition     | Cytoplasmic  | 0.956          |
| Di-peptide      | Cytoplasmic  | 0.894          |
| part-Comp.      | Cytoplasmic  | 0.955          |
| chemo-typy      | Cytoplasmic  | 0.443          |
| Neighboring     | Cytoplasmic  | 0.925          |

Combined SVM classifier:
- Extracellular: 0.108
- OuterMembrane: 0.302
- Periplasmic: 0.350
- InnerMembrane: 0.067
- Cytoplasmic: 4.172 *

| SeqID: fig|6666666.171271.peg.1612 | CELLO prediction: |
|-----------------|--------------------------|
| predictor       | location     | reliable-index |
| Composition     | Cytoplasmic  | 0.300          |
| Di-peptide      | Cytoplasmic  | 0.710          |
| part-Comp.      | Cytoplasmic  | 0.583          |
| chemo-typy      | Cytoplasmic  | 0.970          |
| Neighboring     | Cytoplasmic  | 0.738          |

Combined SVM classifier:
- Extracellular: 0.599
- OuterMembrane: 0.245
- Periplasmic: 0.525
- InnerMembrane: 0.330
- Cytoplasmic: 3.301 *

| SeqID: fig|6666666.171271.peg.1613 | CELLO prediction: |
|-----------------|--------------------------|
| predictor       | location     | reliable-index |
| Composition     | Cytoplasmic  | 0.275          |
| Di-peptide      | OuterMembrane | 0.811         |
| part-Comp.      | OuterMembrane | 0.450         |
| chemo-typy      | Extracellular | 0.656         |
| Neighboring     | OuterMembrane | 0.622         |

Combined SVM classifier:
- Extracellular: 1.289
- OuterMembrane: 2.082 *
- Periplasmic: 0.811
- InnerMembrane: 0.177
- Cytoplasmic: 0.642

<p>| SeqID: fig|6666666.171271.peg.1614 | CELLO prediction: |</p>
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<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.268</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.425</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.363</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.772</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.384</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.697
- OuterMembrane: 0.216
- Periplasmic: 1.278
- InnerMembrane: 0.625
- Cytoplasmic: 2.185 *

SeqID: fig|6666666.171271.peg.1615

CELLO prediction:
<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.659</td>
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<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.603</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.689</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.643</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.483
- OuterMembrane: 2.355 *
- Periplasmic: 0.363
- InnerMembrane: 1.641
- Cytoplasmic: 0.158

SeqID: fig|6666666.171271.peg.1616

CELLO prediction:
<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.600</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.319</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.422</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.464</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 1.151 *
- OuterMembrane: 0.363
- Periplasmic: 1.748 *
- InnerMembrane: 0.494
- Cytoplasmic: 1.244 *

SeqID: fig|6666666.171271.peg.1617

CELLO prediction:
<table>
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<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.627</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.510</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.968</td>
</tr>
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</table>
chemo-typy  Cytoplasmic  0.988
Neighboring  Cytoplasmic  0.887

Combined SVM classifier:
Extracellular  0.274
OuterMembrane  0.604
Periplasmic  0.089
InnerMembrane  0.053
Cytoplasmic  3.980 *

SeqID: fig|6666666.171271.peg.1618
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.797
Di-peptide  Cytoplasmic  0.898
part-Comp.  Cytoplasmic  0.941
chemo-typy  Cytoplasmic  0.420
Neighboring  Cytoplasmic  0.799

Combined SVM classifier:
Extracellular  0.293
OuterMembrane  0.540
Periplasmic  0.251
InnerMembrane  0.061
Cytoplasmic  3.855 *

SeqID: fig|6666666.171271.peg.1619
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.499
Di-peptide  Cytoplasmic  0.800
part-Comp.  Cytoplasmic  0.507
chemo-typy  Cytoplasmic  0.791
Neighboring  Cytoplasmic  0.789

Combined SVM classifier:
Extracellular  0.475
OuterMembrane  0.386
Periplasmic  0.454
InnerMembrane  0.299
Cytoplasmic  3.387 *

SeqID: fig|6666666.171271.peg.1620
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.271
Di-peptide  Cytoplasmic  0.789
part-Comp.  Cytoplasmic  0.356
chemo-typy  Cytoplasmic  0.896
Neighboring  Extracellular  0.315

Combined SVM classifier:
Extracellular 0.802
OuterMembrane 0.269
Periplasmic 0.976
InnerMembrane 0.377
Cytoplasmic 2.576 *

SeqID: fig|6666666.171271.peg.1621
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.458
Di-peptide Cytoplasmic 0.829
part-Comp. Cytoplasmic 0.858
chemo-typy Cytoplasmic 0.605
Neighboring Cytoplasmic 0.906

Combined SVM classifier:
Extracellular 0.282
OuterMembrane 0.161
Periplasmic 0.532
InnerMembrane 0.369
Cytoplasmic 3.657 *

SeqID: fig|6666666.171271.peg.1622
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.375
Di-peptide Cytoplasmic 0.892
part-Comp. Cytoplasmic 0.799
chemo-typy Cytoplasmic 0.926
Neighboring Cytoplasmic 0.888

Combined SVM classifier:
Extracellular 0.254
OuterMembrane 0.099
Periplasmic 0.323
InnerMembrane 0.445
Cytoplasmic 3.880 *

SeqID: fig|6666666.171271.peg.1623
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.991
Di-peptide Cytoplasmic 0.962
part-Comp. Cytoplasmic 0.989
chemo-typy Cytoplasmic 0.964
Neighboring Cytoplasmic 0.991

Combined SVM classifier:
Extracellular 0.015
OuterMembrane 0.040
Periplasmic 0.024
InnerMembrane 0.024
Cytoplasmic 4.898 *

SeqID: fig|6666666.171271.peg.1624
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.849
Di-peptide Cytoplasmic 0.897
part-Comp. Cytoplasmic 0.967
chemo-typy Cytoplasmic 0.986
Neighboring Cytoplasmic 0.994

Combined SVM classifier:
Extracellular 0.051
OuterMembrane 0.055
Periplasmic 0.108
InnerMembrane 0.093
Cytoplasmic 4.694 *

SeqID: fig|6666666.171271.peg.1625
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.608
Di-peptide Cytoplasmic 0.782
part-Comp. Cytoplasmic 0.755
chemo-typy Cytoplasmic 0.658
Neighboring Extracellular 0.451

Combined SVM classifier:
Extracellular 0.748
OuterMembrane 0.189
Periplasmic 0.900
InnerMembrane 0.162
Cytoplasmic 3.001 *

SeqID: fig|6666666.171271.peg.1626
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.554
Di-peptide Cytoplasmic 0.873
part-Comp. Cytoplasmic 0.496
chemo-typy Cytoplasmic 0.812
Neighboring Cytoplasmic 0.752

Combined SVM classifier:
Extracellular 0.327
OuterMembrane 0.481
Periplasmic 0.496
InnerMembrane 0.209
Cytoplasmic 3.487 *
SeqID: fig|6666666.171271.peg.1627
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.434
Di-peptide Cytoplasmic 0.910
part-Comp. Cytoplasmic 0.678
chemo-typy Cytoplasmic 0.766
Neighboring Cytoplasmic 0.669

Combined SVM classifier:
Extracellular 0.391
OuterMembrane 0.201
Periplasmic 0.639
InnerMembrane 0.313
Cytoplasmic 3.457 *

SeqID: fig|6666666.171271.peg.1628
CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.991
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.994
chemo-typy InnerMembrane 0.989
Neighboring InnerMembrane 0.999

Combined SVM classifier:
Extracellular 0.004
OuterMembrane 0.006
Periplasmic 0.008
InnerMembrane 4.973 *
Cytoplasmic 0.009

SeqID: fig|6666666.171271.peg.1629
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.341
Di-peptide Cytoplasmic 0.389
part-Comp. Cytoplasmic 0.355
chemo-typy Cytoplasmic 0.667
Neighboring Cytoplasmic 0.281

Combined SVM classifier:
Extracellular 0.639
OuterMembrane 0.255
Periplasmic 1.454 *
InnerMembrane 0.688
Cytoplasmic 1.965 *

SeqID: fig|6666666.171271.peg.1630
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.309
Di-peptide  Cytoplasmic  0.891
part-Comp.  Cytoplasmic  0.435
chemo-typy  Cytoplasmic  0.702
Neighboring  Cytoplasmic  0.594

Combined SVM classifier:
Extracellular  0.633
OuterMembrane  0.263
Periplasmic  0.727
InnerMembrane  0.446
Cytoplasmic  2.931 *

SeqID: fig|6666666.171271.peg.1631
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.935
Di-peptide  Cytoplasmic  0.968
part-Comp.  Cytoplasmic  0.971
chemo-typy  Cytoplasmic  0.931
Neighboring  Cytoplasmic  0.984

Combined SVM classifier:
Extracellular  0.036
OuterMembrane  0.074
Periplasmic  0.058
InnerMembrane  0.044
Cytoplasmic  4.788 *

SeqID: fig|6666666.171271.peg.1632
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.866
Di-peptide  Cytoplasmic  0.802
part-Comp.  Cytoplasmic  0.938
chemo-typy  Cytoplasmic  0.712
Neighboring  Cytoplasmic  0.968

Combined SVM classifier:
Extracellular  0.152
OuterMembrane  0.207
Periplasmic  0.222
InnerMembrane  0.134
Cytoplasmic  4.286 *

SeqID: fig|6666666.171271.peg.1633
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.395
Di-peptide  Cytoplasmic  0.833
part-Comp.  Cytoplasmic  0.582
chemo-typy  Cytoplasmic  0.812
Neighboring  Cytoplasmic  0.886

Combined SVM classifier:
Extracellular  0.479
OuterMembrane  0.353
Periplasmic  0.388
InnerMembrane  0.271
Cytoplasmic  3.509 *

SeqID: fig|6666666.171271.peg.1634
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.272
Di-peptide  Cytoplasmic  0.596
part-Comp.  Cytoplasmic  0.338
chemo-typy  Cytoplasmic  0.727
Neighboring  Extracellular  0.491

Combined SVM classifier:
Extracellular  1.116
OuterMembrane  0.379
Periplasmic  1.078
InnerMembrane  0.344
Cytoplasmic  2.083 *

SeqID: fig|6666666.171271.peg.1635
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.443
Di-peptide  OuterMembrane  0.706
part-Comp.  OuterMembrane  0.420
chemo-typy  OuterMembrane  0.974
Neighboring  OuterMembrane  0.730

Combined SVM classifier:
Extracellular  0.705
OuterMembrane  3.273 *
Periplasmic  0.329
InnerMembrane  0.584
Cytoplasmic  0.109

SeqID: fig|6666666.171271.peg.1636
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.740
Di-peptide  OuterMembrane  0.965
part-Comp.  OuterMembrane  0.857
chemo-typy  OuterMembrane  0.731
Neighboring  OuterMembrane  0.906

Combined SVM classifier:
<table>
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<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>4.200 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.285</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.034</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.038</td>
</tr>
</tbody>
</table>

**CELLO prediction:**

- **Composition**
  - Periplasmic: 0.391

- **Di-peptide**
  - Cytoplasmic: 0.373

- **part-Comp.**
  - Periplasmic: 0.389

- **chemo-typy**
  - Extracellular: 0.450
  - Neighboring: 0.348

**Combined SVM classifier:**

- Extracellular: 1.196 *
- OuterMembrane: 0.858
- Periplasmic: 1.543 *
- InnerMembrane: 0.185
- Cytoplasmic: 1.218 *

---

**CELLO prediction:**

- **Composition**
  - OuterMembrane: 0.290

- **Di-peptide**
  - Extracellular: 0.816

- **part-Comp.**
  - Extracellular: 0.677

- **chemo-typy**
  - OuterMembrane: 0.617
  - Neighboring: 0.785

**Combined SVM classifier:**

- Extracellular: 2.748 *
- OuterMembrane: 1.371
- Periplasmic: 0.358
- InnerMembrane: 0.107
- Cytoplasmic: 0.416

---

**CELLO prediction:**

- **Composition**
  - Cytoplasmic: 0.339

- **Di-peptide**
  - Cytoplasmic: 0.948

- **part-Comp.**
  - Cytoplasmic: 0.776

- **chemo-typy**
  - Cytoplasmic: 0.870
  - Neighboring: 0.479

**Combined SVM classifier:**

- Extracellular: 0.855
- OuterMembrane: 0.199
- Periplasmic: 0.413
- InnerMembrane: 0.207
Cytoplasmic 3.326 *

SeqID: fig|6666666.171271.peg.1640
CELLO prediction:
(predictor      location       reliable-index)
Composition   Cytoplasmic 0.435
Di-peptide    Cytoplasmic 0.744
part-Comp.    Cytoplasmic 0.626
chemo-typy    Cytoplasmic 0.755
Neighboring   Cytoplasmic 0.523

Combined SVM classifier:
Extracellular 0.595
OuterMembrane 0.490
Periplasmic 0.568
InnerMembrane 0.264
Cytoplasmic 3.083 *

SeqID: fig|6666666.171271.peg.1641
CELLO prediction:
(predictor      location       reliable-index)
Composition   OuterMembrane 0.384
Di-peptide    Extracellular 0.284
part-Comp.    Extracellular 0.325
chemo-typy    Extracellular 0.383
Neighboring   OuterMembrane 0.608

Combined SVM classifier:
Extracellular 1.392 *
OuterMembrane 1.519 *
Periplasmic 1.081 *
InnerMembrane 0.476
Cytoplasmic 0.532
### SeqID: fig|6666666.171271.peg.1643

**CELLO prediction:**

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<th>Location</th>
<th>Reliable-index</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasm</td>
<td>0.256</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.371</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.299</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasm</td>
<td>0.397</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.536</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 1.777 *
- OuterMembrane 0.569
- Periplasm 1.369 *
- InnerMembrane 0.450
- Cytoplasmic 0.834

### SeqID: fig|6666666.171271.peg.1644

**CELLO prediction:**

<table>
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<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.512</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.734</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.732</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 2.233 *
- OuterMembrane 1.324
- Periplasm 0.724
- InnerMembrane 0.257
- Cytoplasmic 0.462

### SeqID: fig|6666666.171271.peg.1645

**CELLO prediction:**

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<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasm</td>
<td>0.808</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasm</td>
<td>0.858</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasm</td>
<td>0.760</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasm</td>
<td>0.548</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.407</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 0.813
- OuterMembrane 0.280
- Periplasm 0.342
- InnerMembrane 0.217
- Cytoplasmic 3.348 *

### SeqID: fig|6666666.171271.peg.1646

**CELLO prediction:**
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<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.687</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.910</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.818</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.857</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.908</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.124
- OuterMembrane: 0.865
- Periplasmic: 0.157
- InnerMembrane: 0.153
- Cytoplasmic: 3.700 *

SeqID: fig|6666666.171271.peg.1647
CELLO prediction:

<table>
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<th>Predictor</th>
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<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.467</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.640</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.433</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.799</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.983</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.945
- OuterMembrane: 0.977
- Periplasmic: 0.192
- InnerMembrane: 0.107
- Cytoplasmic: 2.780 *

SeqID: fig|6666666.171271.peg.1648
CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.905</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.307</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.953</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.638</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.728</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.185
- OuterMembrane: 0.242
- Periplasmic: 0.530
- InnerMembrane: 0.520
- Cytoplasmic: 3.522 *

SeqID: fig|6666666.171271.peg.1649
CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.310</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.551</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.505</td>
</tr>
</tbody>
</table>
chemo-typy Cytoplasmic 0.581
Neighboring Extracellular 0.386

Combined SVM classifier:
Extracellular 1.017
OuterMembrane 0.561
Periplasmic 0.944
InnerMembrane 0.339
Cytoplasmic 2.138 *

SeqID: fig|666666.171271.peg.1650
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.405
Di-peptide Cytoplasmic 0.925
part-Comp. Cytoplasmic 0.790
chemo-typy Cytoplasmic 0.421
Neighboring Cytoplasmic 0.926

Combined SVM classifier:
Extracellular 0.701
OuterMembrane 0.328
Periplasmic 0.335
InnerMembrane 0.168
Cytoplasmic 3.468 *

SeqID: fig|666666.171271.peg.1651
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.897
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.956
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 0.985

Combined SVM classifier:
Extracellular 0.211
OuterMembrane 0.467
Periplasmic 0.171
InnerMembrane 2.976 *
Cytoplasmic 1.175

SeqID: fig|666666.171271.peg.1652
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.897
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.956
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 0.985

Combined SVM classifier:
### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.953</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.899</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.933</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.558</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.904</td>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.032</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.111</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.597</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.178</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.082 *</td>
</tr>
</tbody>
</table>

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### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.354</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.773</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.627</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.862</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.768</td>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
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<th>Reliable Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.457</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.360</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.435</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.383 *</td>
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</tbody>
</table>

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### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.725</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.748</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.593</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.415</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.862</td>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>2.841 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.113</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.495</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.024</td>
</tr>
</tbody>
</table>
SeqID: fig|6666666.171271.peg.1656
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.444
Di-peptide  Extracellular  0.671
part-Comp.  OuterMembrane  0.661
chemo-typy  OuterMembrane  0.829
Neighboring  Cytoplasmic  0.454

Combined SVM classifier:
Extracellular  1.673 *
OuterMembrane  2.004 *
Periplasmic  0.145
InnerMembrane  0.064
Cytoplasmic  1.113

SeqID: fig|6666666.171271.peg.1657
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.683
Di-peptide  InnerMembrane  0.974
part-Comp.  InnerMembrane  0.636
chemo-typy  InnerMembrane  0.600
Neighboring  InnerMembrane  0.816

Combined SVM classifier:
Extracellular  0.190
OuterMembrane  0.112
Periplasmic  0.498
InnerMembrane  3.709 *
Cytoplasmic  0.490

SeqID: fig|6666666.171271.peg.1658
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.267
Di-peptide  Cytoplasmic  0.439
part-Comp.  Cytoplasmic  0.740
chemo-typy  Periplasmic  0.501
Neighboring  OuterMembrane  0.379

Combined SVM classifier:
Extracellular  0.893
OuterMembrane  1.011
Periplasmic  0.986
InnerMembrane  0.197
Cytoplasmic  1.914 *
SeqID: fig|6666666.171271.peg.1659
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.587
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  0.852
chemo-typy   InnerMembrane  0.997
Neighboring  InnerMembrane  0.874

Combined SVM classifier:
Extracellular  0.132
OuterMembrane  0.155
Periplasmic  0.160
InnerMembrane  4.310 *
Cytoplasmic  0.243

SeqID: fig|6666666.171271.peg.1660
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.506
Di-peptide   Cytoplasmic  0.736
part-Comp.   Cytoplasmic  0.595
chemo-typy   Periplasmic  0.567
Neighboring  Cytoplasmic  0.928

Combined SVM classifier:
Extracellular  0.435
OuterMembrane  0.535
Periplasmic  0.753
InnerMembrane  0.138
Cytoplasmic  3.139 *

SeqID: fig|6666666.171271.peg.1661
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.560
Di-peptide   Extracellular  0.444
part-Comp.   Extracellular  0.665
chemo-typy   Extracellular  0.897
Neighboring  Extracellular  0.792

Combined SVM classifier:
Extracellular  3.359 *
OuterMembrane  0.163
Periplasmic  0.413
InnerMembrane  0.306
Cytoplasmic  0.760

SeqID: fig|6666666.171271.peg.1662
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.649
Di-peptide  Cytoplasmic  0.477
part-Comp.  Cytoplasmic  0.593
chemo-typy  Periplasmic  0.852
Neighboring  Cytoplasmic  0.396

Combined SVM classifier:
Extracellular  0.256
OuterMembrane  0.244
Periplasmic  1.391
InnerMembrane  0.877
Cytoplasmic  2.233 *

SeqID: fig|6666666.171271.peg.1663
CELLO prediction:
(predictor  location  reliable-index)
Composition  Cytoplasmic  0.686
Di-peptide  Cytoplasmic  0.956
part-Comp.  Cytoplasmic  0.748
chemo-typy  Cytoplasmic  0.820
Neighboring  Cytoplasmic  0.909

Combined SVM classifier:
Extracellular  0.302
OuterMembrane  0.228
Periplasmic  0.166
InnerMembrane  0.185
Cytoplasmic  4.118 *

SeqID: fig|6666666.171271.peg.1664
CELLO prediction:
(predictor  location  reliable-index)
Composition  InnerMembrane  0.420
Di-peptide  OuterMembrane  0.790
part-Comp.  Cytoplasmic  0.601
chemo-typy  Periplasmic  0.362
Neighboring  OuterMembrane  0.423

Combined SVM classifier:
Extracellular  0.413
OuterMembrane  1.529 *
Periplasmic  0.624
InnerMembrane  0.725
Cytoplasmic  1.709 *

SeqID: fig|6666666.171271.peg.1665
CELLO prediction:
(predictor  location  reliable-index)
Composition  InnerMembrane  0.775
Di-peptide  InnerMembrane  0.995
part-Comp.  InnerMembrane  0.810
chemo-typy
InnerMembrane 0.987
Neighboring InnerMembrane 0.991

Combined SVM classifier:
Extracellular 0.063
OuterMembrane 0.115
Periplasmic 0.062
InnerMembrane 4.559 *
Cytoplasmic 0.201

**********************************************************************************************************************************************

SeqID: fig|6666666.171271.peg.1666
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.474
Di-peptide Cytoplasmic 0.559
part-Comp. OuterMembrane 0.872
chemo-typy OuterMembrane 0.434
Neighboring Cytoplasmic 0.857

Combined SVM classifier:
Extracellular 0.257
OuterMembrane 1.978 *
Periplasmic 0.362
InnerMembrane 0.346
Cytoplasmic 2.055 *

**********************************************************************************************************************************************

SeqID: fig|6666666.171271.peg.1667
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.530
Di-peptide OuterMembrane 0.465
part-Comp. InnerMembrane 0.480
chemo-typy OuterMembrane 0.629
Neighboring Cytoplasmic 0.603

Combined SVM classifier:
Extracellular 0.140
OuterMembrane 2.059 *
Periplasmic 0.271
InnerMembrane 0.979
Cytoplasmic 1.551 *

**********************************************************************************************************************************************

SeqID: fig|6666666.171271.peg.1668
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.620
Di-peptide Cytoplasmic 0.793
part-Comp. Cytoplasmic 0.789
chemo-typy Periplasmic 0.380
Neighboring Cytoplasmic 0.977

Combined SVM classifier:
CELLO prediction:

(SeqID: fig|6666666.171271.peg.1669)

Composition: Cytoplasmic 0.662
Di-peptide: Cytoplasmic 0.781
part-Comp.: Cytoplasmic 0.374
chemo-typy: Cytoplasmic 0.782
Neighboring: Cytoplasmic 0.860

Combined SVM classifier:
Extracellular 0.413
OuterMembrane 0.134
Periplasmic 0.656
InnerMembrane 0.339
Cytoplasmic 3.459 *

(SeqID: fig|6666666.171271.peg.1670)

Composition: Cytoplasmic 0.287
Di-peptide: Cytoplasmic 0.948
part-Comp.: Cytoplasmic 0.422
chemo-typy: Cytoplasmic 0.933
Neighboring: Cytoplasmic 0.844

Combined SVM classifier:
Extracellular 0.484
OuterMembrane 0.197
Periplasmic 0.588
InnerMembrane 0.296
Cytoplasmic 3.435 *

(SeqID: fig|6666666.171271.peg.1671)

Composition: Cytoplasmic 0.458
Di-peptide: Cytoplasmic 0.975
part-Comp.: Cytoplasmic 0.529
chemo-typy: Cytoplasmic 0.824
Neighboring: Cytoplasmic 0.483

Combined SVM classifier:
Extracellular 0.575
OuterMembrane 0.305
Periplasmic 0.636
InnerMembrane 0.215
SeqID: fig|6666666.171271.peg.1672
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.373
Di-peptide   Cytoplasmic  0.961
part-Comp.   Cytoplasmic  0.434
chemo-typy   Cytoplasmic  0.780
Neighboring  Extracellular  0.389

Combined SVM classifier:
Extracellular  0.946
OuterMembrane  0.446
Periplasmic   0.538
InnerMembrane  0.214
Cytoplasmic   2.856 *

SeqID: fig|6666666.171271.peg.1673
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.256
Di-peptide   InnerMembrane  0.845
part-Comp.   Cytoplasmic  0.397
chemo-typy   InnerMembrane  0.343
Neighboring  Cytoplasmic  0.435

Combined SVM classifier:
Extracellular  0.853
OuterMembrane  0.236
Periplasmic   0.837
InnerMembrane  1.790 *
Cytoplasmic   1.283 *

SeqID: fig|6666666.171271.peg.1674
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.962
Di-peptide   Cytoplasmic  0.748
part-Comp.   Cytoplasmic  0.913
chemo-typy   Cytoplasmic  0.668
Neighboring  Cytoplasmic  0.931

Combined SVM classifier:
Extracellular  0.028
OuterMembrane  0.301
Periplasmic   0.356
InnerMembrane  0.093
Cytoplasmic   4.222 *
SeqID: fig|6666666.171271.peg.1675

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.829
Di-peptide Cytoplasmic 0.698
part-Comp. Cytoplasmic 0.600
chemo-typy Cytoplasmic 0.579
Neighboring Cytoplasmic 0.934

Combined SVM classifier:
Extracellular 0.078
OuterMembrane 0.221
Periplasmic 0.578
InnerMembrane 0.482
Cytoplasmic 3.640

SeqID: fig|6666666.171271.peg.1676

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.771
Di-peptide Cytoplasmic 0.970
part-Comp. Cytoplasmic 0.826
chemo-typy Cytoplasmic 0.973
Neighboring Cytoplasmic 0.937

Combined SVM classifier:
Extracellular 0.178
OuterMembrane 0.067
Periplasmic 0.163
InnerMembrane 0.115
Cytoplasmic 4.476

SeqID: fig|6666666.171271.peg.1677

CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.762
Di-peptide Extracellular 0.886
part-Comp. Extracellular 0.846
chemo-typy Extracellular 0.460
Neighboring Extracellular 0.699

Combined SVM classifier:
Extracellular 3.653
OuterMembrane 0.811
Periplasmic 0.412
InnerMembrane 0.012
Cytoplasmic 0.112

SeqID: fig|6666666.171271.peg.1678

CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.985
Di-peptide   Cytoplasmic  0.723
part-Comp.   Cytoplasmic  0.923
chemo-typy  Cytoplasmic  0.406
Neighboring  Cytoplasmic  0.984

Combined SVM classifier:
Extracellular  0.085
OuterMembrane  0.276
Periplasmic     0.258
InnerMembrane  0.360
Cytoplasmic    4.020 *

SeqID: fig|6666666.171271.peg.1679
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.996
Di-peptide   InnerMembrane  0.976
part-Comp.   InnerMembrane  0.904
chemo-typy  InnerMembrane  0.952
Neighboring  InnerMembrane  0.996

Combined SVM classifier:
Extracellular  0.035
OuterMembrane  0.056
Periplasmic     0.033
InnerMembrane  4.825 *
Cytoplasmic    0.052
chemo-typy    Periplasmic  0.412
Neighboring   Extracellular 0.291

Combined SVM classifier:
Extracellular  0.934
OuterMembrane  0.294
Periplasmic  1.260 *
InnerMembrane  1.064 *
Cytoplasmic  1.448 *

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******
SeqID: fig|6666666.171271.peg.1682
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.852
Di-peptide    Cytoplasmic  0.940
part-Comp.    Cytoplasmic  0.643
chemo-typy    Cytoplasmic  0.668
Neighboring   Cytoplasmic  0.897

Combined SVM classifier:
Extracellular  0.059
OuterMembrane  0.045
Periplasmic  0.721
InnerMembrane  0.175
Cytoplasmic  4.000 *

*********************************************************************
******
SeqID: fig|6666666.171271.peg.1683
CELLO prediction:
(predictor  location   reliable-index)
Composition   OuterMembrane  0.920
Di-peptide    OuterMembrane  0.942
part-Comp.    OuterMembrane  0.863
chemo-typy    Extracellular  0.348
Neighboring   Cytoplasmic  0.497

Combined SVM classifier:
Extracellular  0.535
OuterMembrane  3.273 *
Periplasmic  0.258
InnerMembrane  0.077
Cytoplasmic  0.858

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******
SeqID: fig|6666666.171271.peg.1684
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.257
Di-peptide    Cytoplasmic  0.662
part-Comp.    Cytoplasmic  0.381
chemo-typy    Cytoplasmic  0.613
Neighboring   Extracellular  0.425

Combined SVM classifier:
Extracellular 1.059
OuterMembrane 0.529
Periplasmic 0.814
InnerMembrane 0.529
Cytoplasmic 2.068 *

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.336
Di-peptide Cytoplasmic 0.447
part-Comp. Cytoplasmic 0.288
chemo-typy Periplasmic 0.789
Neighboring OuterMembrane 0.815

Combined SVM classifier:
Extracellular 0.735
OuterMembrane 1.650 *
Periplasmic 1.124 *
InnerMembrane 0.326
Cytoplasmic 1.165 *

CELLO prediction:

(predictor  location   reliable-index)
Composition OuterMembrane 0.503
Di-peptide Cytoplasmic 0.379
part-Comp. OuterMembrane 0.510
chemo-typy OuterMembrane 0.766
Neighboring OuterMembrane 0.809

Combined SVM classifier:
Extracellular 1.089
OuterMembrane 2.839 *
Periplasmic 0.243
InnerMembrane 0.112
Cytoplasmic 0.716

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.406
Di-peptide Cytoplasmic 0.975
part-Comp. Cytoplasmic 0.667
chemo-typy Periplasmic 0.844
Neighboring Cytoplasmic 0.939

Combined SVM classifier:
Extracellular 0.351
OuterMembrane 0.132
Periplasmic 1.134
InnerMembrane 0.309
Cytoplasmic 3.074 *

SeqID: fig|6666666.171271.peg.1688
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide InnerMembrane 0.984
part-Comp. Cytoplasmic 0.356
chemo-typy InnerMembrane 0.843
Neighboring Cytoplasmic 0.336

Combined SVM classifier:
Extracellular 0.717
OuterMembrane 0.258
Periplasmic 0.752
InnerMembrane 2.264 *
Cytoplasmic 1.009

SeqID: fig|6666666.171271.peg.1689
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.423
Di-peptide Cytoplasmic 0.720
part-Comp. Cytoplasmic 0.647
chemo-typy Cytoplasmic 0.817
Neighboring Cytoplasmic 0.542

Combined SVM classifier:
Extracellular 0.784
OuterMembrane 0.799
Periplasmic 0.162
InnerMembrane 0.107
Cytoplasmic 3.149 *

SeqID: fig|6666666.171271.peg.1690
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.282
Di-peptide Cytoplasmic 0.714
part-Comp. Cytoplasmic 0.422
chemo-typy Cytoplasmic 0.918
Neighboring Cytoplasmic 0.836

Combined SVM classifier:
Extracellular 0.433
OuterMembrane 0.298
Periplasmic 0.483
InnerMembrane 0.615
Cytoplasmic 3.171 *
CELLO prediction:

** SeqID: fig|6666666.171271.peg.1691

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Combined SVM classifier:

- Extracellular: 0.477
- OuterMembrane: 0.378
- Periplasmic: 0.282
- InnerMembrane: 0.262
- Cytoplasmic: 3.601 *

** SeqID: fig|6666666.171271.peg.1692

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Combined SVM classifier:

- Extracellular: 0.528
- OuterMembrane: 0.385
- Periplasmic: 0.134
- InnerMembrane: 0.117
- Cytoplasmic: 3.836 *

** SeqID: fig|6666666.171271.peg.1693

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Combined SVM classifier:

- Extracellular: 0.981
- OuterMembrane: 0.457
- Periplasmic: 1.091
- InnerMembrane: 0.211
- Cytoplasmic: 2.260 *

** SeqID: fig|6666666.171271.peg.1694

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Combined SVM classifier:

- Extracellular: 0.727
- OuterMembrane: 2.739 *
- Periplasmic: 0.416
- InnerMembrane: 0.112
- Cytoplasmic: 1.005

SeqID: fig|6666666.171271.peg.1695

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Combined SVM classifier:

- Extracellular: 0.171
- OuterMembrane: 0.156
- Periplasmic: 0.140
- InnerMembrane: 0.287
- Cytoplasmic: 4.246 *

SeqID: fig|6666666.171271.peg.1696

CELLO prediction:

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Combined SVM classifier:

- Extracellular: 0.417
- OuterMembrane: 0.512
- Periplasmic: 0.620
- InnerMembrane: 0.247
- Cytoplasmic: 3.204 *

SeqID: fig|6666666.171271.peg.1697

CELLO prediction:

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**Combined SVM classifier:**
- Extracellular: 0.887
- OuterMembrane: 0.881
- Periplasmic: 0.395
- InnerMembrane: 0.217
- Cytoplasmic: 2.621 *

SeqID: fig|6666666.171271.peg.1699

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**Combined SVM classifier:**
- Extracellular: 1.608
- OuterMembrane: 3.257 *
- Periplasmic: 0.094
- InnerMembrane: 0.020
- Cytoplasmic: 0.021
Extracellular 0.612
OuterMembrane 0.219
Periplasmic 1.249
InnerMembrane 0.230
Cytoplasmic 2.690 *

SeqID: fig|6666666.171271.peg.1701
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.267
Di-peptide InnerMembrane 0.958
part-Comp. Cytoplasmic 0.424
chemo-typy InnerMembrane 0.996
Neighboring InnerMembrane 0.394

Combined SVM classifier:
Extracellular 0.446
OuterMembrane 0.270
Periplasmic 0.504
InnerMembrane 2.751 *
Cytoplasmic 1.029

SeqID: fig|6666666.171271.peg.1702
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.482
Di-peptide OuterMembrane 0.987
part-Comp. Extracellular 0.460
chemo-typy Extracellular 0.763
Neighboring OuterMembrane 0.826

Combined SVM classifier:
Extracellular 1.466
OuterMembrane 2.733 *
Periplasmic 0.404
InnerMembrane 0.234
Cytoplasmic 0.165

SeqID: fig|6666666.171271.peg.1703
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.917
Di-peptide Cytoplasmic 0.769
part-Comp. Cytoplasmic 0.876
chemo-typy Cytoplasmic 0.368
Neighboring Cytoplasmic 0.706

Combined SVM classifier:
Extracellular 0.244
OuterMembrane 0.531
Periplasmic 0.488
InnerMembrane 0.101
Cytoplasmic 3.636 *

SeqID: fig|6666666.171271.peg.1704
CELLO prediction:
(predictor location reliable-index)
Composition  Periplasmic  0.271
Di-peptide  Periplasmic  0.345
part-Comp.  Cytoplasmic  0.356
chemo-typy  Cytoplasmic  0.390
Neighboring  Cytoplasmic  0.265

Combined SVM classifier:
Extracellular  1.133 *
OuterMembrane  0.542
Periplasmic  1.472 *
InnerMembrane  0.389
Cytoplasmic  1.464 *

SeqID: fig|6666666.171271.peg.1705
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.493
Di-peptide  Cytoplasmic  0.793
part-Comp.  Cytoplasmic  0.481
chemo-typy  Periplasmic  0.424
Neighboring  Cytoplasmic  0.727

Combined SVM classifier:
Extracellular  0.775
OuterMembrane  0.233
Periplasmic  0.846
InnerMembrane  0.280
Cytoplasmic  2.866 *

SeqID: fig|6666666.171271.peg.1706
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.760
Di-peptide  Cytoplasmic  0.711
part-Comp.  Cytoplasmic  0.541
chemo-typy  Cytoplasmic  0.750
Neighboring  Cytoplasmic  0.691

Combined SVM classifier:
Extracellular  0.211
OuterMembrane  0.135
Periplasmic  0.493
InnerMembrane  0.708
Cytoplasmic  3.453 *
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SeqID: fig|6666666.171271.peg.1711

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1712

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1713

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<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.469</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.469</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.628</td>
</tr>
<tr>
<td>Location</td>
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<tr>
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<tr>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>0.553</td>
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**Combined SVM classifier:**

<table>
<thead>
<tr>
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<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.638</td>
</tr>
<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1714

**CELLO prediction:**

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<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.507</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.702</td>
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**Combined SVM classifier:**

<table>
<thead>
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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.147</td>
</tr>
<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1715

**CELLO prediction:**

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<tr>
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**Combined SVM classifier:**

<table>
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<tr>
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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.263</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1716

**CELLO prediction:**

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<th>Predictor</th>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
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<td>Periplasmic</td>
<td>0.390</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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</tr>
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**Combined SVM classifier:**
Extracellular 0.283
OuterMembrane 0.489
Periplasmic 0.532
InnerMembrane 0.999
Cytoplasmic 2.697 *

SeqID: fig|6666666.171271.peg.1717
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.289
Di-peptide InnerMembrane 0.585
part-Comp. Cytoplasmic 0.617
chemo-typy InnerMembrane 0.449
Neighboring InnerMembrane 0.474

Combined SVM classifier:
Extracellular 0.480
OuterMembrane 0.808
Periplasmic 0.448
InnerMembrane 1.956 *
Cytoplasmic 1.308 *

SeqID: fig|6666666.171271.peg.1718
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.273
Di-peptide OuterMembrane 0.480
part-Comp. Cytoplasmic 0.629
chemo-typy InnerMembrane 0.694
Neighboring Cytoplasmic 0.466

Combined SVM classifier:
Extracellular 0.520
OuterMembrane 0.807
Periplasmic 0.403
InnerMembrane 1.609 *
Cytoplasmic 1.661 *

SeqID: fig|6666666.171271.peg.1719
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.890
Di-peptide Cytoplasmic 0.929
part-Comp. Cytoplasmic 0.967
chemo-typy Cytoplasmic 0.894
Neighboring Cytoplasmic 0.983

Combined SVM classifier:
Extracellular 0.090
OuterMembrane 0.021
Periplasmic 0.204
InnerMembrane 0.021
Cytoplasmic  4.663 * 

SeqID: fig|6666666.171271.peg.1720
CELLO prediction:
(predictor  location   reliable-index)
Composition      Cytoplasmic  0.483
Di-peptide       Periplasmic  0.643
part-Comp.       Periplasmic  0.475
chemo-ttypy      Cytoplasmic  0.673
Neighboring      Periplasmic  0.690

Combined SVM classifier:
Extracellular  0.373 
OuterMembrane  0.202 
Periplasmic  2.398 * 
InnerMembrane  0.153 
Cytoplasmic  1.873 *

SeqID: fig|6666666.171271.peg.1721
CELLO prediction:
(predictor  location   reliable-index)
Composition      Extracellular  0.405
Di-peptide       Cytoplasmic  0.504
part-Comp.       Extracellular  0.651
chemo-ttypy      Extracellular  0.623
Neighboring      Extracellular  0.392

Combined SVM classifier:
Extracellular  2.217 * 
OuterMembrane  0.625 
Periplasmic  0.438 
InnerMembrane  0.451 
Cytoplasmic  1.268 

SeqID: fig|6666666.171271.peg.1722
CELLO prediction:
(predictor  location   reliable-index)
Composition      Cytoplasmic  0.634
Di-peptide       Cytoplasmic  0.604
part-Comp.       Cytoplasmic  0.684
chemo-ttypy      Cytoplasmic  0.562
Neighboring      Cytoplasmic  0.709

Combined SVM classifier:
Extracellular  0.694 
OuterMembrane  0.450 
Periplasmic  0.615 
InnerMembrane  0.049 
Cytoplasmic  3.192 *
SeqID: fig|6666666.171271.peg.1723
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.253
Di-peptide   Extracellular 0.501
part-Comp.    Cytoplasmic  0.399
chemo-typy   OuterMembrane 0.469
Neighboring  OuterMembrane  0.749

Combined SVM classifier:
Extracellular  1.034
OuterMembrane 1.879  *
Periplasmic   0.940
InnerMembrane 0.220
Cytoplasmic  0.927

SeqID: fig|6666666.171271.peg.1724
CELLO prediction:
(predictor   location   reliable-index)
Composition  OuterMembrane  0.497
Di-peptide   Cytoplasmic  0.419
part-Comp.   Extracellular 0.353
chemo-typy   Cytoplasmic  0.580
Neighboring  Extracellular  0.500

Combined SVM classifier:
Extracellular  1.604  *
OuterMembrane 1.122  *
Periplasmic   0.758
InnerMembrane 0.108
Cytoplasmic  1.408  *

SeqID: fig|6666666.171271.peg.1725
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.970
Di-peptide   Cytoplasmic  0.658
part-Comp.   Cytoplasmic  0.990
chemo-typy   Cytoplasmic  0.591
Neighboring  Cytoplasmic  0.996

Combined SVM classifier:
Extracellular  0.118
OuterMembrane 0.174
Periplasmic   0.235
InnerMembrane 0.269
Cytoplasmic  4.205  *

SeqID: fig|6666666.171271.peg.1726
CELLO prediction:
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.376</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.505</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.902
- OuterMembrane: 1.259 *
- Periplasmic: 0.618
- InnerMembrane: 0.749
- Cytoplasmic: 1.471 *

SeqID: fig|6666666.171271.peg.1727

CELLO prediction:
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.965</td>
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<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.637</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.556</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.739</td>
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Combined SVM classifier:
- Extracellular: 0.480
- OuterMembrane: 3.635 *
- Periplasmic: 0.238
- InnerMembrane: 0.536
- Cytoplasmic: 0.110

SeqID: fig|6666666.171271.peg.1728

CELLO prediction:
<table>
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.400</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
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<td>Extracellular</td>
<td>0.651</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.475</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 2.783 *
- OuterMembrane: 1.507
- Periplasmic: 0.363
- InnerMembrane: 0.100
- Cytoplasmic: 0.246

SeqID: fig|6666666.171271.peg.1729

CELLO prediction:
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<thead>
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<th>predictor</th>
<th>location</th>
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<td>Composition</td>
<td>Periplasmic</td>
<td>0.400</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
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<tr>
<td>part-Comp.</td>
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<td>0.537</td>
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<td>reliable-index</td>
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<tr>
<td>-----------------</td>
<td>-------------</td>
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</tr>
<tr>
<td>chemo-typy</td>
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**Combined SVM classifier:**

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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
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<tr>
<td>Periplasmic</td>
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SeqID: fig|6666666.171271.peg.1730
CELLO prediction:

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<tr>
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<td>Di-peptide</td>
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**Combined SVM classifier:**

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<tr>
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<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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SeqID: fig|6666666.171271.peg.1731
CELLO prediction:

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<td>Composition</td>
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<td>Di-peptide</td>
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**Combined SVM classifier:**

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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.1732
CELLO prediction:

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<tr>
<td>Di-peptide</td>
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<tr>
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<td>Periplasmic</td>
<td>0.464</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**
Extracellular 0.712
OuterMembrane 1.316
Periplasmic 0.773
InnerMembrane 0.056
Cytoplasmic 2.144 *

SeqID: fig|6666666.171271.peg.1733
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.958
Di-peptide   Cytoplasmic 0.746
part-Comp.   Cytoplasmic 0.980
chemo-typy  Cytoplasmic 0.745
Neighboring  Cytoplasmic 0.976

Combined SVM classifier:
Extracellular 0.052
OuterMembrane 0.254
Periplasmic 0.177
InnerMembrane 0.112
Cytoplasmic 4.405 *

SeqID: fig|6666666.171271.peg.1734
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane 0.358
Di-peptide   Cytoplasmic 0.765
part-Comp.   Cytoplasmic 0.893
chemo-typy  Cytoplasmic 0.841
Neighboring  Cytoplasmic 0.532

Combined SVM classifier:
Extracellular 0.283
OuterMembrane 0.590
Periplasmic 0.580
InnerMembrane 0.176
Cytoplasmic 3.371 *

SeqID: fig|6666666.171271.peg.1735
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic 0.269
Di-peptide   InnerMembrane 0.974
part-Comp.   Cytoplasmic 0.407
chemo-typy  InnerMembrane 0.789
Neighboring  Cytoplasmic 0.405

Combined SVM classifier:
Extracellular 0.708
OuterMembrane 0.291
Periplasmic 0.641
InnerMembrane 2.276 *
SeqID: fig|6666666.171271.peg.1736
CELLO prediction:

(predictor   location   reliable-index)
Composition   InnerMembrane  0.834
Di-peptide    InnerMembrane  0.834
part-Comp.    InnerMembrane  0.892
chemo-typy    InnerMembrane  0.747
Neighboring   InnerMembrane  0.936

Combined SVM classifier:
Extracellular  0.066
OuterMembrane  0.486
Periplasmic    0.085
InnerMembrane  4.245 *
Cytoplasmic   0.118

SeqID: fig|6666666.171271.peg.1737
CELLO prediction:

(predictor   location   reliable-index)
Composition   OuterMembrane  0.652
Di-peptide    OuterMembrane  0.637
part-Comp.    OuterMembrane  0.505
chemo-typy    Extracellular  0.512
Neighboring   OuterMembrane  0.863

Combined SVM classifier:
Extracellular  1.593
OuterMembrane  3.003 *
Periplasmic    0.192
InnerMembrane  0.105
Cytoplasmic   0.106

SeqID: fig|6666666.171271.peg.1738
CELLO prediction:

(predictor   location   reliable-index)
Composition   Extracellular  0.675
Di-peptide    OuterMembrane  0.662
part-Comp.    Extracellular  0.739
chemo-typy    Cytoplasmic   0.339
Neighboring   Extracellular  0.638

Combined SVM classifier:
Extracellular  2.502 *
OuterMembrane  1.010
Periplasmic    1.002
InnerMembrane  0.042
Cytoplasmic   0.445
SeqID: fig|6666666.171271.peg.1739

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.308
Di-peptide Cytoplasmic 0.954
part-Comp. Cytoplasmic 0.546
chemo-typy Cytoplasmic 0.924
Neighboring Cytoplasmic 0.625

Combined SVM classifier:
Extracellular 0.548
OuterMembrane 0.236
Periplasmic 0.554
InnerMembrane 0.305
Cytoplasmic 3.357 *

SeqID: fig|6666666.171271.peg.1740

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.719
Di-peptide Cytoplasmic 0.740
part-Comp. Cytoplasmic 0.897
chemo-typy Cytoplasmic 0.963
Neighboring Cytoplasmic 0.973

Combined SVM classifier:
Extracellular 0.044
OuterMembrane 0.480
Periplasmic 0.077
InnerMembrane 0.105
Cytoplasmic 4.293 *

SeqID: fig|6666666.171271.peg.1741

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.439
Di-peptide Cytoplasmic 1.000
part-Comp. Cytoplasmic 0.943
chemo-typy Cytoplasmic 0.981
Neighboring Cytoplasmic 0.989

Combined SVM classifier:
Extracellular 0.190
OuterMembrane 0.093
Periplasmic 0.197
InnerMembrane 0.169
Cytoplasmic 4.351 *

SeqID: fig|6666666.171271.peg.1742

CELLO prediction:
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<tr>
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<th>location</th>
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<tbody>
<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.967</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.998</td>
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<td>Neighboring</td>
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Combined SVM classifier:

- Extracellular: 0.027
- OuterMembrane: 0.022
- Periplasmic: 0.034
- InnerMembrane: 0.080
- Cytoplasmic: 4.836 *

---

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Combined SVM classifier:

- Extracellular: 0.045
- OuterMembrane: 0.558
- Periplasmic: 0.529
- InnerMembrane: 0.859
- Cytoplasmic: 3.008 *

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Combined SVM classifier:

- Extracellular: 1.139
- OuterMembrane: 1.115
- Periplasmic: 0.279
- InnerMembrane: 0.177
- Cytoplasmic: 2.290 *

---
cheto-typy  InnerMembrane  0.941
Neighboring  InnerMembrane  0.584

Combined SVM classifier:
- Extracellular  0.417
- OuterMembrane  0.180
- Periplasmic  0.573
- InnerMembrane  3.002 *
- Cytoplasmic  0.827

****************************
******
SeqID: fig|6666666.171271.peg.1746
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.923
Di-peptide  InnerMembrane  0.998
part-Comp.  InnerMembrane  0.784
cheto-typy  InnerMembrane  0.992
Neighboring  InnerMembrane  0.823

Combined SVM classifier:
- Extracellular  0.064
- OuterMembrane  0.224
- Periplasmic  0.062
- InnerMembrane  4.519 *
- Cytoplasmic  0.131

****************************
******
SeqID: fig|6666666.171271.peg.1747
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.841
Di-peptide  Cytoplasmic  0.893
part-Comp.  Cytoplasmic  0.750
cheto-typy  Cytoplasmic  0.567
Neighboring  Cytoplasmic  0.879

Combined SVM classifier:
- Extracellular  0.445
- OuterMembrane  0.215
- Periplasmic  0.317
- InnerMembrane  0.092
- Cytoplasmic  3.931 *

****************************
******
SeqID: fig|6666666.171271.peg.1748
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.461
Di-peptide  Cytoplasmic  0.972
part-Comp.  Cytoplasmic  0.610
cheto-typy  Cytoplasmic  0.510
Neighboring  Cytoplasmic  0.755

Combined SVM classifier:
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SeqID: fig|6666666.171271.peg.1749

CELLO prediction:

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SeqID: fig|6666666.171271.peg.1750

CELLO prediction:

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<td>Di-peptide</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1751

CELLO prediction:

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Combined SVM classifier:

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Cytoplasmic 0.155

SeqID: fig|6666666.171271.peg.1753
CELLO prediction:
(predictor     location   reliable-index)
Composition: Cytoplasmic 0.441
Di-peptide: Cytoplasmic 0.728
part-Comp.: Cytoplasmic 0.579
chemo-typy: Cytoplasmic 0.915
Neighboring: Cytoplasmic 0.494

Combined SVM classifier:
Extracellular 0.352
OuterMembrane 0.350
Periplasmic 1.002
InnerMembrane 0.140
Cytoplasmic 3.157 *

SeqID: fig|6666666.171271.peg.1754
CELLO prediction:
(predictor     location   reliable-index)
Composition: Periplasmic 0.647
Di-peptide: Cytoplasmic 0.488
part-Comp.: Cytoplasmic 0.665
chemo-typy: Cytoplasmic 0.966
Neighboring: Periplasmic 0.447

Combined SVM classifier:
Extracellular 0.144
OuterMembrane 0.248
Periplasmic 1.794
InnerMembrane 0.049
Cytoplasmic 2.764 *

SeqID: fig|6666666.171271.peg.1755
CELLO prediction:
(predictor     location   reliable-index)
Composition: Cytoplasmic 0.547
Di-peptide: Cytoplasmic 0.556
part-Comp.: Cytoplasmic 0.839
chemo-typy: Cytoplasmic 0.755
Neighboring: Cytoplasmic 0.897

Combined SVM classifier:
Extracellular 0.340
OuterMembrane 0.499
Periplasmic 0.399
InnerMembrane 0.168
Cytoplasmic 3.594 *
SeqID: fig|6666666.171271.peg.1756
CELLO prediction:
(predictor    location    reliable-index)
Composition   Cytoplasmic  0.471
Di-peptide    Cytoplasmic  0.879
part-Comp.    Cytoplasmic  0.544
chem-toxpy    InnerMembrane 0.372
Neighboring   Cytoplasmic  0.378

Combined SVM classifier:
Extracellular  0.662
OuterMembrane  0.481
Periplasmic    0.389
InnerMembrane  0.843
Cytoplasmic    2.625 *

SeqID: fig|6666666.171271.peg.1757
CELLO prediction:
(predictor     location    reliable-index)
Composition   Cytoplasmic  0.795
Di-peptide    Cytoplasmic  0.853
part-Comp.    Cytoplasmic  0.943
chem-toxpy    Cytoplasmic  0.754
Neighboring   Cytoplasmic  0.866

Combined SVM classifier:
Extracellular  0.251
OuterMembrane  0.202
Periplasmic    0.270
InnerMembrane  0.066
Cytoplasmic    4.212 *

SeqID: fig|6666666.171271.peg.1758
CELLO prediction:
(predictor     location    reliable-index)
Composition   Cytoplasmic  0.821
Di-peptide    Cytoplasmic  0.909
part-Comp.    Cytoplasmic  0.953
chem-toxpy    Cytoplasmic  0.477
Neighboring   Cytoplasmic  0.997

Combined SVM classifier:
Extracellular  0.098
OuterMembrane  0.351
Periplasmic    0.328
InnerMembrane  0.065
Cytoplasmic    4.158 *

SeqID: fig|6666666.171271.peg.1759
CELLO prediction:
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<tr>
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</table>

Combined SVM classifier:
- Extracellular: 0.010
- OuterMembrane: 0.075
- Periplasmic: 0.018
- InnerMembrane: 4.870 *
- Cytoplasmic: 0.026

SeqID: fig|6666666.171271.peg.1760

<table>
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<tr>
<td>Neighboring</td>
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<td>0.375</td>
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Combined SVM classifier:
- Extracellular: 0.739
- OuterMembrane: 0.256
- Periplasmic: 1.126
- InnerMembrane: 0.648
- Cytoplasmic: 2.231 *

SeqID: fig|6666666.171271.peg.1761

<table>
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<th>Location</th>
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<tr>
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<td>Extracellular</td>
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Combined SVM classifier:
- Extracellular: 0.890
- OuterMembrane: 0.579
- Periplasmic: 0.698
- InnerMembrane: 0.349
- Cytoplasmic: 2.485 *

SeqID: fig|6666666.171271.peg.1762
chemo-typy		OuterMembrane 0.744
Neighboring	Extracellular 0.696

Combined SVM classifier:

Extracellular 2.542 *
OuterMembrane 1.521
Periplasmic 0.314
InnerMembrane 0.154
Cytoplasmic 0.469

 SeqID: fig|6666666.171271.peg.1763
CELLO prediction:

(predictor	location	reliable-index)
Composition	Cytoplasmic 0.280
Di-peptide	Cytoplasmic 0.675
part-Comp.	Cytoplasmic 0.372
chemo-typy	Cytoplasmic 0.883
Neighboring	Cytoplasmic 0.415

Combined SVM classifier:

Extracellular 0.679
OuterMembrane 0.284
Periplasmic 0.799
InnerMembrane 0.613
Cytoplasmic 2.625 *

 SeqID: fig|6666666.171271.peg.1764
CELLO prediction:

(predictor	location	reliable-index)
Composition	Cytoplasmic 0.353
Di-peptide	Cytoplasmic 0.912
part-Comp.	Cytoplasmic 0.420
chemo-typy	Cytoplasmic 0.916
Neighboring	Extracellular 0.486

Combined SVM classifier:

Extracellular 0.947
OuterMembrane 0.273
Periplasmic 0.602
InnerMembrane 0.312
Cytoplasmic 2.866 *

 SeqID: fig|6666666.171271.peg.1765
CELLO prediction:

(predictor	location	reliable-index)
Composition	Cytoplasmic 0.451
Di-peptide	Cytoplasmic 0.625
part-Comp.	Cytoplasmic 0.522
chemo-typy	Cytoplasmic 0.829
Neighboring	Cytoplasmic 0.808

Combined SVM classifier:
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SeqID: fig|6666666.171271.peg.1766

CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.370
Di-peptide InnerMembrane 0.849
part-Comp. InnerMembrane 0.421
chemo-typy Periplasmic 0.786
Neighboring InnerMembrane 0.739

Combined SVM classifier:
Extracellular 0.178
OuterMembrane 0.170
Periplasmic 1.186
InnerMembrane 2.590 *
Cytoplasmic 0.876

SeqID: fig|6666666.171271.peg.1767

CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.265
Di-peptide Cytoplasmic 0.383
part-Comp. Cytoplasmic 0.320
chemo-typy Cytoplasmic 0.461
Neighboring Extracellular 0.400

Combined SVM classifier:
Extracellular 1.310 *
OuterMembrane 0.338
Periplasmic 1.429 *
InnerMembrane 0.328
Cytoplasmic 1.594 *

SeqID: fig|6666666.171271.peg.1768

CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.277
Di-peptide Cytoplasmic 0.666
part-Comp. Cytoplasmic 0.390
chemo-typy Cytoplasmic 0.583
Neighboring Cytoplasmic 0.369

Combined SVM classifier:
Extracellular 0.562
OuterMembrane 0.204
Periplasmic 1.392
InnerMembrane 0.563
SeqID: fig|6666666.171271.peg.1769
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.665
part-Comp. Cytoplasmic 0.357
chemo-typy Cytoplasmic 0.415
Neighboring Extracellular 0.303

Combined SVM classifier:
Extracellular 1.037
OuterMembrane 0.289
Periplasmic 1.061
InnerMembrane 0.638
Cytoplasmic 1.975 *

SeqID: fig|6666666.171271.peg.1770
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.925
Di-peptide Extracellular 0.596
part-Comp. OuterMembrane 0.708
chemo-typy Extracellular 0.555
Neighboring OuterMembrane 0.956

Combined SVM classifier:
Extracellular 1.485
OuterMembrane 2.848 *
Periplasmic 0.394
InnerMembrane 0.051
Cytoplasmic 0.221

SeqID: fig|6666666.171271.peg.1771
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.382
Di-peptide Cytoplasmic 0.545
part-Comp. OuterMembrane 0.233
chemo-typy Cytoplasmic 0.512
Neighboring OuterMembrane 0.442

Combined SVM classifier:
Extracellular 1.037 *
OuterMembrane 1.175 *
Periplasmic 0.986
InnerMembrane 0.288
Cytoplasmic 1.514 *
SeqID: fig|6666666.171271.peg.1772
CELLO prediction:

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Combined SVM classifier:

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CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1774
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</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.370</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.426 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.086 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.495 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.219</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.774</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1775
CELLO prediction:
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.839</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.385</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.790</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.589</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.648</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 1.513
- OuterMembrane: 2.721 *
- Periplasmic: 0.526
- InnerMembrane: 0.062
- Cytoplasmic: 0.179

** SeqID: fig|6666666.171271.peg.1776 **

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.361</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.786</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.420</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.536</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.660</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 1.245
- OuterMembrane: 2.345 *
- Periplasmic: 0.626
- InnerMembrane: 0.290
- Cytoplasmic: 0.495

** SeqID: fig|6666666.171271.peg.1777 **

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.770</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.495</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.823</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.014
- OuterMembrane: 0.050
- Periplasmic: 0.024
- InnerMembrane: 4.849 *
- Cytoplasmic: 0.063

** SeqID: fig|6666666.171271.peg.1778 **

CELLO prediction:
chemo-typy    Cytoplasmic  0.767
Neighboring   Cytoplasmic  0.717

Combined SVM classifier:
Extracellular  0.402
OuterMembrane  0.674
Periplasmic     0.220
InnerMembrane  0.132
Cytoplasmic    3.573 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1779
CELLO prediction:
(predictor      location    reliable-index)
Composition     Cytoplasmic  0.705
Di-peptide      Cytoplasmic  0.919
part-Comp.      Cytoplasmic  0.917
chemo-typy     Cytoplasmic  0.890
Neighboring     Cytoplasmic  0.959

Combined SVM classifier:
Extracellular  0.169
OuterMembrane  0.249
Periplasmic     0.093
InnerMembrane  0.100
Cytoplasmic    4.390 *

********************************************************************************
******
SeqID: fig|6666666.171271.peg.1780
CELLO prediction:
(predictor      location    reliable-index)
Composition     Cytoplasmic  0.884
Di-peptide      Cytoplasmic  0.548
part-Comp.      Cytoplasmic  0.907
chemo-typy     Cytoplasmic  0.437
Neighboring     Cytoplasmic  0.570

Combined SVM classifier:
Extracellular  0.316
OuterMembrane  0.606
Periplasmic     0.455
InnerMembrane  0.277
Cytoplasmic    3.347 *

********************************************************************************
******
SeqID: fig|6666666.171271.peg.1781
CELLO prediction:
(predictor      location    reliable-index)
Composition     Cytoplasmic  0.735
Di-peptide      Cytoplasmic  0.571
part-Comp.      Cytoplasmic  0.909
chemo-typy     Periplasmic  0.440
Neighboring     Cytoplasmic  0.903

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Extracellular</th>
<th>OuterMembrane</th>
<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.308</td>
<td>0.491</td>
<td>0.562</td>
<td>0.159</td>
<td>3.479 *</td>
</tr>
</tbody>
</table>

---

**SeqID: fig|6666666.171271.peg.1782**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.259</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.737</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.375</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.843</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.419</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Extracellular</th>
<th>OuterMembrane</th>
<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.892</td>
<td>0.500</td>
<td>0.741</td>
<td>0.235</td>
<td>2.633 *</td>
</tr>
</tbody>
</table>

---

**SeqID: fig|6666666.171271.peg.1783**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.846</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>1.000</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.980</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.977</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.981</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Extracellular</th>
<th>OuterMembrane</th>
<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.044</td>
<td>0.042</td>
<td>0.060</td>
<td>4.783 *</td>
<td>0.071</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.1784**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.886</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.662</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.682</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.509</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Extracellular</th>
<th>OuterMembrane</th>
<th>Periplasmic</th>
<th>InnerMembrane</th>
<th>Cytoplasmic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0.698</td>
<td>0.278</td>
<td>0.624</td>
<td>0.315</td>
<td></td>
</tr>
</tbody>
</table>
Cytoplasmic 3.085 *

SeqID: fig|6666666.171271.peg.1785
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.666
Di-peptide Extracellular 0.571
part-Comp. Cytoplasmic 0.910
chemo-typy OuterMembrane 0.666
Neighboring Cytoplasmic 0.583

Combined SVM classifier:
Extracellular 1.047
OuterMembrane 0.759
Periplasmic 0.593
InnerMembrane 0.058
Cytoplasmic 2.543 *

SeqID: fig|6666666.171271.peg.1786
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.559
Di-peptide Cytoplasmic 0.651
part-Comp. Cytoplasmic 0.558
chemo-typy Periplasmic 0.708
Neighboring Cytoplasmic 0.599

Combined SVM classifier:
Extracellular 0.498
OuterMembrane 0.440
Periplasmic 0.988
InnerMembrane 0.597
Cytoplasmic 2.477 *

SeqID: fig|6666666.171271.peg.1787
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.866
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.975
chemo-typy InnerMembrane 0.994
Neighboring InnerMembrane 0.989

Combined SVM classifier:
Extracellular 0.034
OuterMembrane 0.030
Periplasmic 0.039
InnerMembrane 4.824 *
Cytoplasmic 0.073
SeqID: fig|6666666.171271.peg.1788

CELER prediction:
(predictor, location, reliable-index)
Composition, Cytoplasmic, 0.682
Di-peptide, Cytoplasmic, 0.993
part-Comp., Cytoplasmic, 0.652
chemo-typy, Cytoplasmic, 0.960
Neighboring, Cytoplasmic, 0.788

Combined SVM classifier:
Extracellular, 0.120
OuterMembrane, 0.302
Periplasmic, 0.138
InnerMembrane, 0.365
Cytoplasmic, 4.075 *

SeqID: fig|6666666.171271.peg.1789

CELER prediction:
(predictor, location, reliable-index)
Composition, Cytoplasmic, 0.518
Di-peptide, Cytoplasmic, 0.895
part-Comp., Cytoplasmic, 0.795
chemo-typy, Cytoplasmic, 0.855
Neighboring, Cytoplasmic, 0.912

Combined SVM classifier:
Extracellular, 0.419
OuterMembrane, 0.300
Periplasmic, 0.228
InnerMembrane, 0.077
Cytoplasmic, 3.974 *

SeqID: fig|6666666.171271.peg.1790

CELER prediction:
(predictor, location, reliable-index)
Composition, Periplasmic, 0.261
Di-peptide, Cytoplasmic, 0.678
part-Comp., Cytoplasmic, 0.356
chemo-typy, Cytoplasmic, 0.721
Neighboring, Periplasmic, 0.346

Combined SVM classifier:
Extracellular, 0.935
OuterMembrane, 0.276
Periplasmic, 1.191
InnerMembrane, 0.422
Cytoplasmic, 2.175 *

SeqID: fig|6666666.171271.peg.1791

CELER prediction:
| SeqID: fig|6666666.171271.peg.1792 | CELLO prediction: |
|---------|--------------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.486 |
| Di-peptide | Cytoplasmic | 0.937 |
| part-Comp. | Cytoplasmic | 0.540 |
| chemo-typy | Cytoplasmic | 0.569 |
| Neighboring | Cytoplasmic | 0.846 |
| Combined SVM classifier: |
| Extracellular | 0.549 |
| OuterMembrane | 0.153 |
| Periplasmic | 0.676 |
| InnerMembrane | 0.243 |
| Cytoplasmic | 3.378 * |

| SeqID: fig|6666666.171271.peg.1793 | CELLO prediction: |
|---------|--------------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.745 |
| Di-peptide | Cytoplasmic | 0.792 |
| part-Comp. | Cytoplasmic | 0.401 |
| chemo-typy | Periplasmic | 0.856 |
| Neighboring | Cytoplasmic | 0.773 |
| Combined SVM classifier: |
| Extracellular | 0.247 |
| OuterMembrane | 0.186 |
| Periplasmic | 1.116 |
| InnerMembrane | 0.682 |
| Cytoplasmic | 2.769 * |

| SeqID: fig|6666666.171271.peg.1794 | CELLO prediction: |
|---------|--------------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.991 |
| Di-peptide | Cytoplasmic | 0.888 |
| part-Comp. | Cytoplasmic | 0.995 |
chemo-typy  Cytoplasmic  0.694
Neighboring  Cytoplasmic  0.983

Combined SVM classifier:
Extracellular  0.060
OuterMembrane  0.051
Periplasmic  0.284
InnerMembrane  0.054
Cytoplasmic  4.551 *

******************************************************
SeqID: fig|6666666.171271.peg.1795
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.836
Di-peptide  Cytoplasmic  0.811
part-Comp.  Cytoplasmic  0.948
chemo-typy  Cytoplasmic  0.804
Neighboring  Cytoplasmic  0.879

Combined SVM classifier:
Extracellular  0.130
OuterMembrane  0.194
Periplasmic  0.346
InnerMembrane  0.052
Cytoplasmic  4.278 *

******************************************************
SeqID: fig|6666666.171271.peg.1796
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.543
Di-peptide  Extracellular  0.323
part-Comp.  Extracellular  0.405
chemo-typy  Periplasmic  0.492
Neighboring  Cytoplasmic  0.741

Combined SVM classifier:
Extracellular  0.511
OuterMembrane  0.240
Periplasmic  0.835
InnerMembrane  0.211
Cytoplasmic  3.203 *

******************************************************
SeqID: fig|6666666.171271.peg.1797
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.476
Di-peptide  Extracellular  0.323
part-Comp.  Extracellular  0.405
chemo-typy  Periplasmic  0.443
Neighboring  Cytoplasmic  0.707

Combined SVM classifier:
Extracellular 1.220 *
OuterMembrane 0.964
Periplasmic 0.918
InnerMembrane 0.130
Cytoplasmic 1.768 *

SeqID: fig|6666666.171271.peg.1798
CELLO prediction:
(predictor   location    reliable-index)
Composition   OuterMembrane    0.591
Di-peptide    Cytoplasmic      0.824
part-Comp.    OuterMembrane    0.605
chemo-typy    Periplasmic      0.703
Neighboring   OuterMembrane    0.756

Combined SVM classifier:
Extracellular 0.260
OuterMembrane 2.147 *
Periplasmic 0.992
InnerMembrane 0.157
Cytoplasmic 1.444

SeqID: fig|6666666.171271.peg.1799
CELLO prediction:
(predictor   location    reliable-index)
Composition   Cytoplasmic      0.857
Di-peptide    Cytoplasmic      0.574
part-Comp.    Cytoplasmic      0.736
chemo-typy    Cytoplasmic      0.526
Neighboring   Cytoplasmic      0.963

Combined SVM classifier:
Extracellular 0.206
OuterMembrane 0.557
Periplasmic 0.500
InnerMembrane 0.082
Cytoplasmic 3.655 *

SeqID: fig|6666666.171271.peg.1800
CELLO prediction:
(predictor   location    reliable-index)
Composition   Cytoplasmic      0.520
Di-peptide    OuterMembrane    0.747
part-Comp.    Cytoplasmic      0.660
chemo-typy    Cytoplasmic      0.915
Neighboring   Cytoplasmic      0.767

Combined SVM classifier:
Extracellular 0.414
OuterMembrane 1.045
Periplasmic 0.343
InnerMembrane 0.125
Cytoplasmic 3.073 *

SeqID: fig|6666666.171271.peg.1801
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.283
Di-peptide Periplasmic 0.523
part-Comp. OuterMembrane 0.294
chemo-typy Periplasmic 0.596
Neighboring OuterMembrane 0.411

Combined SVM classifier:
Extracellular 0.948
OuterMembrane 1.237 *
Periplasmic 1.610 *
InnerMembrane 0.530
Cytoplasmic 0.676

SeqID: fig|6666666.171271.peg.1802
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.950
Di-peptide Extracellular 0.763
part-Comp. Extracellular 0.795
chemo-typy Extracellular 0.762
Neighboring OuterMembrane 0.692

Combined SVM classifier:
Extracellular 3.567 *
OuterMembrane 1.278
Periplasmic 0.145
InnerMembrane 0.004
Cytoplasmic 0.005

SeqID: fig|6666666.171271.peg.1803
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.749
Di-peptide Extracellular 0.759
part-Comp. OuterMembrane 0.720
chemo-typy Extracellular 0.572
Neighboring OuterMembrane 0.906

Combined SVM classifier:
Extracellular 1.943
OuterMembrane 2.771 *
Periplasmic 0.254
InnerMembrane 0.020
Cytoplasmic 0.012
SeqID: fig|6666666.171271.peg.1804
CELLO prediction:

(predictor    location    reliable-index)
Composition Extracellular  0.803
Di-peptide Extracellular  0.544
part-Comp. Extracellular  0.776
chemo-typy Extracellular  0.629
Neighboring Extracellular  0.619

Combined SVM classifier:
Extracellular  3.371 *
OuterMembrane 1.006
Periplasmic  0.575
InnerMembrane 0.032
Cytoplasmic  0.016

SeqID: fig|6666666.171271.peg.1805
CELLO prediction:

(predictor    location    reliable-index)
Composition Extracellular  0.686
Di-peptide Extracellular  0.929
part-Comp. Extracellular  0.844
chemo-typy OuterMembrane  0.663
Neighboring OuterMembrane  0.860

Combined SVM classifier:
Extracellular  2.886 *
OuterMembrane 2.042
Periplasmic  0.055
InnerMembrane 0.013
Cytoplasmic  0.004

SeqID: fig|6666666.171271.peg.1806
CELLO prediction:

(predictor    location    reliable-index)
Composition Periplasmic  0.925
Di-peptide Periplasmic  0.682
part-Comp. Periplasmic  0.977
chemo-typy Cytoplasmic  0.848
Neighboring Periplasmic  0.951

Combined SVM classifier:
Extracellular  0.118
OuterMembrane 0.057
Periplasmic  3.598 *
InnerMembrane 0.064
Cytoplasmic  1.162

SeqID: fig|6666666.171271.peg.1807
CELLO prediction:
CELLO prediction: (predictor  location   reliable-index)
Composition  Cytoplasmic  0.284
Di-peptide  Cytoplasmic  0.767
part-Comp.  Cytoplasmic  0.386
chemo-typy  Cytoplasmic  0.448
Neighboring  Cytoplasmic  0.672

Combined SVM classifier:
Extracellular  0.821
OuterMembrane  0.271
Periplasmic  0.820
InnerMembrane  0.531
Cytoplasmic  2.557 *

SeqID: fig|6666666.171271.peg.1808
CELLO prediction: (predictor  location   reliable-index)
Composition  Cytoplasmic  0.914
Di-peptide  Cytoplasmic  0.971
part-Comp.  Cytoplasmic  0.937
chemo-typy  Cytoplasmic  0.737
Neighboring  Cytoplasmic  0.946

Combined SVM classifier:
Extracellular  0.106
OuterMembrane  0.291
Periplasmic  0.078
InnerMembrane  0.020
Cytoplasmic  4.506 *

SeqID: fig|6666666.171271.peg.1809
CELLO prediction: (predictor  location   reliable-index)
Composition  Cytoplasmic  0.799
Di-peptide  Cytoplasmic  0.966
part-Comp.  Cytoplasmic  0.873
chemo-typy  Cytoplasmic  0.933
Neighboring  Cytoplasmic  0.912

Combined SVM classifier:
Extracellular  0.073
OuterMembrane  0.140
Periplasmic  0.125
InnerMembrane  0.179
Cytoplasmic  4.483 *

SeqID: fig|6666666.171271.peg.1810
CELLO prediction: (predictor  location   reliable-index)
Composition  Cytoplasmic  0.707
Di-peptide  Cytoplasmic  0.938
part-Comp.  Cytoplasmic  0.683
The document contains CELLO predictions for different sequences. Each prediction includes a composition, di-peptide, part-comp., chemo-typy, and neighboring indices. The predictions are made using a combined SVM classifier with extracellular, outer membrane, periplasmic, inner membrane, and cytoplasmic locations. The asterisk (*) indicates high confidence predictions.

For example, the prediction for SeqID: fig|6666666.171271.peg.1811 includes:

- Composition: Cytoplasmic 0.344
- Di-peptide: Cytoplasmic 0.696
- Part-Comp.: InnerMembrane 0.260
- Chemo-typy: Periplasmic 0.763
- Neighboring: OuterMembrane 0.331

The combined SVM classifier includes:

- Extracellular 0.468
- OuterMembrane 0.584
- Periplasmic 1.333 *
- InnerMembrane 1.136 *
- Cytoplasmic 1.479 *

Similar predictions are provided for the other sequences.
Extracellular 0.277
OuterMembrane 0.299
Periplasmic 0.492
InnerMembrane 0.197
Cytoplasmic 3.735 *

SeqID: fig|6666666.171271.peg.1814
CELLO prediction:
(predictor     location  reliable-index)
Composition   InnerMembrane 0.948
Di-peptide    InnerMembrane 0.999
part-Comp.    InnerMembrane 0.999
chemo-typy    InnerMembrane 0.994
Neighboring   InnerMembrane 0.992

Combined SVM classifier:
Extracellular 0.015
OuterMembrane 0.014
Periplasmic   0.018
InnerMembrane 4.933 *
Cytoplasmic   0.021

SeqID: fig|6666666.171271.peg.1815
CELLO prediction:
(predictor     location  reliable-index)
Composition   Periplasmic 0.272
Di-peptide    Periplasmic 0.632
part-Comp.    Cytoplasmic 0.356
chemo-typy    Periplasmic 0.561
Neighboring   Extracellular 0.306

Combined SVM classifier:
Extracellular 0.832
OuterMembrane 0.286
Periplasmic   2.000 *
InnerMembrane 0.436
Cytoplasmic   1.446 *

SeqID: fig|6666666.171271.peg.1816
CELLO prediction:
(predictor     location  reliable-index)
Composition   Cytoplasmic 0.342
Di-peptide    Cytoplasmic 0.839
part-Comp.    Cytoplasmic 0.553
chemo-typy    Cytoplasmic 0.754
Neighboring   Cytoplasmic 0.609

Combined SVM classifier:
Extracellular 0.826
OuterMembrane 0.480
Periplasmic   0.321
InnerMembrane 0.277
**Cytoplasmic 3.097 *

SeqID: fig|6666666.171271.peg.1817

CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.343
Di-peptide Cytoplasmic 0.521
part-Comp. Extracellular 0.515
cheto-typy OuterMembrane 0.449
Neighboring Extracellular 0.396

Combined SVM classifier:
Extracellular 1.415 *
OuterMembrane 0.986
Periplasmic 0.601
InnerMembrane 0.185
Cytoplasmic 1.812 *

SeqID: fig|6666666.171271.peg.1818

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.267
Di-peptide Cytoplasmic 0.898
part-Comp. Cytoplasmic 0.357
cheto-typy Cytoplasmic 0.779
Neighboring Cytoplasmic 0.334

Combined SVM classifier:
Extracellular 0.745
OuterMembrane 0.327
Periplasmic 0.866
InnerMembrane 0.427
Cytoplasmic 2.635 *

SeqID: fig|6666666.171271.peg.1819

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.284
Di-peptide Cytoplasmic 0.525
part-Comp. Cytoplasmic 0.421
cheto-typy Cytoplasmic 0.737
Neighboring Cytoplasmic 0.430

Combined SVM classifier:
Extracellular 0.666
OuterMembrane 0.610
Periplasmic 0.826
InnerMembrane 0.500
Cytoplasmic 2.398 *
| SeqID: fig|6666666.171271.peg.1820 | CELLO prediction: |
|--------------------------------------------------|
| **(predictor** | **location** | **reliable-index**) |
| Composition | Extracellular | 0.350 |
| Di-peptide | OuterMembrane | 0.455 |
| part-Comp. | Extracellular | 0.410 |
| chemo-typy | Extracellular | 0.351 |
| Neighboring | OuterMembrane | 0.709 |
| Combined SVM classifier: | | |
| Extracellular | 1.661 * | |
| OuterMembrane | 2.048 * | |
| Periplasmic | 0.323 | |
| InnerMembrane | 0.067 | |
| Cytoplasmic | 0.901 | |

| SeqID: fig|6666666.171271.peg.1821 | CELLO prediction: |
|--------------------------------------------------|
| **(predictor** | **location** | **reliable-index**) |
| Composition | OuterMembrane | 0.451 |
| Di-peptide | OuterMembrane | 0.647 |
| part-Comp. | OuterMembrane | 0.549 |
| chemo-typy | OuterMembrane | 0.416 |
| Neighboring | OuterMembrane | 0.868 |
| Combined SVM classifier: | | |
| Extracellular | 1.304 | |
| OuterMembrane | 2.930 * | |
| Periplasmic | 0.288 | |
| InnerMembrane | 0.125 | |
| Cytoplasmic | 0.353 | |

| SeqID: fig|6666666.171271.peg.1822 | CELLO prediction: |
|--------------------------------------------------|
| **(predictor** | **location** | **reliable-index**) |
| Composition | InnerMembrane | 0.977 |
| Di-peptide | InnerMembrane | 1.000 |
| part-Comp. | InnerMembrane | 0.998 |
| chemo-typy | InnerMembrane | 0.959 |
| Neighboring | InnerMembrane | 0.999 |
| Combined SVM classifier: | | |
| Extracellular | 0.014 | |
| OuterMembrane | 0.018 | |
| Periplasmic | 0.018 | |
| InnerMembrane | 4.933 * | |
| Cytoplasmic | 0.017 | |

| SeqID: fig|6666666.171271.peg.1823 | CELLO prediction: |
| SeqID: fig|6666666.171271.peg.1824 |
|-------------------------------|
| CELLO prediction:             |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.386 |
| Di-peptide Cytoplasmic 0.835  |
| part-Comp. Cytoplasmic 0.467  |
| chemo-typy Periplasmic 0.438  |
| Neighboring Cytoplasmic 0.795 |
| Combined SVM classifier:      |
| Extracellular 0.395            |
| OuterMembrane 0.156            |
| Periplasmic 0.701              |
| InnerMembrane 0.491            |
| Cytoplasmic 3.257 *            |

| SeqID: fig|6666666.171271.peg.1825 |
|-------------------------------|
| CELLO prediction:             |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.271  |
| Di-peptide OuterMembrane 0.708 |
| part-Comp. Cytoplasmic 0.467  |
| chemo-typy Periplasmic 0.438  |
| Neighboring Cytoplasmic 0.376 |
| Combined SVM classifier:      |
| Extracellular 0.698            |
| OuterMembrane 1.455 *          |
| Periplasmic 1.048 *            |
| InnerMembrane 0.263            |
| Cytoplasmic 1.535 *            |

| SeqID: fig|6666666.171271.peg.1826 |
|-------------------------------|
| CELLO prediction:             |
| (predictor  location   reliable-index) |
| Composition Cytoplasmic 0.290  |
| Di-peptide OuterMembrane 0.444 |
| part-Comp. Cytoplasmic 0.466  |
chemo-typy	Cytoplasmic	0.506
Neighboring	OuterMembrane	0.367

Combined SVM classifier:
Extracellular	0.956
OuterMembrane	1.335 *
Periplasmic	0.749
InnerMembrane	0.408
Cytoplasmic	1.552 *

SeqID: fig|6666666.171271.peg.1827
CELLO prediction:
(predictor location reliable-index)
Composition	InnerMembrane	0.346
Di-peptide	InnerMembrane	0.984
part-Comp.	InnerMembrane	0.544
chemo-typy	InnerMembrane	0.979
Neighboring	InnerMembrane	0.535

Combined SVM classifier:
Extracellular	0.334
OuterMembrane	0.264
Periplasmic	0.355
InnerMembrane	3.389 *
Cytoplasmic	0.658

SeqID: fig|6666666.171271.peg.1828
CELLO prediction:
(predictor location reliable-index)
Composition	OuterMembrane	0.635
Di-peptide	OuterMembrane	0.711
part-Comp.	OuterMembrane	0.840
chemo-typy	OuterMembrane	0.375
Neighboring	OuterMembrane	0.623

Combined SVM classifier:
Extracellular	0.490
OuterMembrane	3.184 *
Periplasmic	0.293
InnerMembrane	0.344
Cytoplasmic	0.689

SeqID: fig|6666666.171271.peg.1829
CELLO prediction:
(predictor location reliable-index)
Composition	Periplasmic	0.286
Di-peptide	Extracellular	0.657
part-Comp.	Extracellular	0.492
chemo-typy	Extracellular	0.500
Neighboring	Extracellular	0.350

Combined SVM classifier:
Extracellular 2.237 *
OuterMembrane 1.032
Periplasmic 0.580
InnerMembrane 0.480
Cytoplasmic 0.671

SeqID: fig|6666666.171271.peg.1830
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.422
Di-peptide Cytoplasmic 0.957
part-Comp. Cytoplasmic 0.800
chemo-typy Cytoplasmic 0.933
Neighboring Cytoplasmic 0.772

Combined SVM classifier:
Extracellular 0.321
OuterMembrane 0.190
Periplasmic 0.344
InnerMembrane 0.262
Cytoplasmic 3.884 *

SeqID: fig|6666666.171271.peg.1831
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.302
Di-peptide InnerMembrane 0.787
part-Comp. InnerMembrane 0.449
chemo-typy InnerMembrane 0.878
Neighboring InnerMembrane 0.337

Combined SVM classifier:
Extracellular 0.396
OuterMembrane 0.530
Periplasmic 0.339
InnerMembrane 2.752 *
Cytoplasmic 0.983

SeqID: fig|6666666.171271.peg.1832
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.674
Di-peptide Periplasmic 0.947
part-Comp. Periplasmic 0.881
chemo-typy Periplasmic 0.721
Neighboring Periplasmic 0.747

Combined SVM classifier:
Extracellular 0.483
OuterMembrane 0.140
Periplasmic 3.970 *
InnerMembrane 0.167
| SeqID: fig|6666666.171271.peg.1833 |
|--------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.287 |
| Di-peptide | Extracellular | 0.352 |
| part-Comp. | Extracellular | 0.345 |
| chemo-typy | Periplasmic | 0.357 |
| Neighboring | Extracellular | 0.389 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.588 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.051 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.015 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.341</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.004 *</td>
</tr>
</tbody>
</table>

| SeqID: fig|6666666.171271.peg.1834 |
|--------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.277 |
| Di-peptide | Extracellular | 0.673 |
| part-Comp. | Extracellular | 0.680 |
| chemo-typy | OuterMembrane | 0.549 |
| Neighboring | Extracellular | 0.701 |

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>1.482</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.339</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.202</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.288</td>
</tr>
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</table>

| SeqID: fig|6666666.171271.peg.1835 |
|--------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.761 |
| Di-peptide | Cytoplasmic | 0.780 |
| part-Comp. | Cytoplasmic | 0.976 |
| chemo-typy | Cytoplasmic | 0.848 |
| Neighboring | Cytoplasmic | 0.849 |

Combined SVM classifier:

<table>
<thead>
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<th>Score</th>
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<tbody>
<tr>
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<tr>
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<td>0.348</td>
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<tr>
<td>Periplasmic</td>
<td>0.192</td>
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<tr>
<td>InnerMembrane</td>
<td>0.130</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.215 *</td>
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SeqID: fig|6666666.171271.peg.1836

**CELLO prediction:**

<table>
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<th>predictor</th>
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</thead>
<tbody>
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<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.542</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.881</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.534</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.484</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.560</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.648
- OuterMembrane: 0.885
- Periplasmic: 0.471
- InnerMembrane: 0.444
- Cytoplasmic: 2.552 *

SeqID: fig|6666666.171271.peg.1837

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.884</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.782</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.505</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.839</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.424</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.223
- OuterMembrane: 0.546
- Periplasmic: 0.717
- InnerMembrane: 0.080
- Cytoplasmic: 3.434 *

SeqID: fig|6666666.171271.peg.1838

**CELLO prediction:**

<table>
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<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.627</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.345</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.457</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.525</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.334</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 1.481 *
- OuterMembrane: 1.422 *
- Periplasmic: 0.987
- InnerMembrane: 0.090
- Cytoplasmic: 1.020 *

SeqID: fig|6666666.171271.peg.1839

**CELLO prediction:**
<table>
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<th>Composition</th>
<th>OuterMembrane 0.333</th>
<th>Di-peptide Cytoplasmic 0.510</th>
<th>part-Comp. Cytoplasmic 0.333</th>
<th>chemo-typo Periplasmic 0.639</th>
<th>Neighboring Cytoplasmic 0.375</th>
</tr>
</thead>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.800</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.047 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.156 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.293</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.703 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.1840

CELLO prediction:

<table>
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<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.260</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.424</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typo</td>
<td>Extracellular</td>
<td>0.771</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.407</td>
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</table>

Combined SVM classifier:

<table>
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<th>score</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>2.049 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.030</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.472</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.336</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.113</td>
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SeqID: fig|6666666.171271.peg.1841

CELLO prediction:

<table>
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<th>location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.507</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typo</td>
<td>OuterMembrane</td>
<td>0.282</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.310</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
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<th>score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.452 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.356 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.944</td>
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<tr>
<td>InnerMembrane</td>
<td>0.360</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.888</td>
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SeqID: fig|6666666.171271.peg.1842

CELLO prediction:

<table>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.803</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.379</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.569</td>
</tr>
</tbody>
</table>
chemo-typy  Periplasmic  0.375
Neighboring  Cytoplasmic  0.789

Combined SVM classifier:
Extracellular  0.923
OuterMembrane  0.703
Periplasmic  0.511
InnerMembrane  0.159
Cytoplasmic  2.704 *

SeqID: fig|6666666.171271.peg.1843
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.506
Di-peptide  Extracellular  0.323
part-Comp.  Extracellular  0.732
chemo-typy  Extracellular  0.629
Neighboring  Extracellular  0.605

Combined SVM classifier:
Extracellular  2.795 *
OuterMembrane  1.166
Periplasmic  0.532
InnerMembrane  0.103
Cytoplasmic  0.404

SeqID: fig|6666666.171271.peg.1844
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.977
Di-peptide  Cytoplasmic  0.995
part-Comp.  Cytoplasmic  0.991
chemo-typy  Cytoplasmic  0.659
Neighboring  Cytoplasmic  0.987

Combined SVM classifier:
Extracellular  0.042
OuterMembrane  0.168
Periplasmic  0.157
InnerMembrane  0.024
Cytoplasmic  4.609 *

SeqID: fig|6666666.171271.peg.1845
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.553
Di-peptide  OuterMembrane  0.443
part-Comp.  Extracellular  0.564
chemo-typy  Periplasmic  0.527
Neighboring  Cytoplasmic  0.474

Combined SVM classifier:
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<tr>
<th>Location</th>
<th>Value</th>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.270 *</td>
<td>CELLO</td>
<td>Cytoplasmic</td>
<td>0.346</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.847</td>
<td>CELLO</td>
<td>Cytoplasmic</td>
<td>0.916</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.871</td>
<td>CELLO</td>
<td>Cytoplasmic</td>
<td>0.364</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.229</td>
<td>CELLO</td>
<td>Cytoplasmic</td>
<td>0.919</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.783 *</td>
<td>CELLO</td>
<td>Cytoplasmic</td>
<td>0.916</td>
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**SeqID:** fig|6666666.171271.peg.1846

<table>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.916</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.364</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.919</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.491</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.660
- OuterMembrane: 0.258
- Periplasmic: 0.784
- InnerMembrane: 0.371
- Cytoplasmic: 2.927 *

**SeqID:** fig|6666666.171271.peg.1847

<table>
<thead>
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<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
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<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.916</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.364</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.919</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.491</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.311
- OuterMembrane: 0.203
- Periplasmic: 0.555
- InnerMembrane: 0.477
- Cytoplasmic: 3.454 *

**SeqID:** fig|6666666.171271.peg.1848

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.494</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.534</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.662</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.793</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.805</td>
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</table>

Combined SVM classifier:
- Extracellular: 0.632
- OuterMembrane: 1.696 *
- Periplasmic: 0.971
- InnerMembrane: 0.113
<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1849</th>
<th>CELLO prediction:</th>
</tr>
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<tr>
<td>Composition</td>
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<td>0.346</td>
</tr>
<tr>
<td>Di-peptide</td>
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<td>0.521</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.336</td>
</tr>
<tr>
<td>chemo-typy</td>
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<td>0.555</td>
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<td>Neighboring</td>
<td>Extracellular</td>
<td>0.522</td>
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<tr>
<td>Combined SVM classifier:</td>
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<td></td>
</tr>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.663</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.382</td>
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<td>Combined SVM classifier:</td>
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<td></td>
</tr>
<tr>
<td>Extracellular</td>
<td>1.747 *</td>
<td></td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.396 *</td>
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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<td>0.911</td>
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<td>Di-peptide</td>
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<td>0.757</td>
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<td>0.687</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.442 *</td>
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SeqID: fig|6666666.171271.peg.1852
CELLO prediction:

(predictor  location   reliable-index)
Composition  InnerMembrane  0.759
Di-peptide   InnerMembrane  0.667
part-Comp.   InnerMembrane  0.574
chemo-typy  InnerMembrane  0.500
Neighboring  InnerMembrane  0.555

Combined SVM classifier:
Extracellular  0.359
OuterMembrane  0.260
Periplasmic  0.280
InnerMembrane  3.055 *
Cytoplasmic  1.047

SeqID: fig|6666666.171271.peg.1853
CELLO prediction:

(predictor  location   reliable-index)
Composition  InnerMembrane  0.539
Di-peptide   InnerMembrane  0.998
part-Comp.   InnerMembrane  0.463
chemo-typy  InnerMembrane  0.976
Neighboring  InnerMembrane  0.569

Combined SVM classifier:
Extracellular  0.286
OuterMembrane  0.210
Periplasmic  0.371
InnerMembrane  3.546 *
Cytoplasmic  0.586

SeqID: fig|6666666.171271.peg.1854
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.972
Di-peptide   Cytoplasmic  0.941
part-Comp.   Cytoplasmic  0.992
chemo-typy  Cytoplasmic  0.744
Neighboring  Cytoplasmic  0.997

Combined SVM classifier:
Extracellular  0.023
OuterMembrane  0.116
Periplasmic  0.113
InnerMembrane  0.102
Cytoplasmic  4.646 *

SeqID: fig|6666666.171271.peg.1855
CELLO prediction:
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.261</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
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<td>OuterMembrane</td>
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Combined SVM classifier:

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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.431 *</td>
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<tr>
<td>OuterMembrane</td>
<td>1.172 *</td>
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<tr>
<td>Periplasmic</td>
<td>1.235 *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.411</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1856

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.678</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.968</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.889</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.517</td>
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<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.925</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.263</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.206</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.590</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.071</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.869 *</td>
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SeqID: fig|6666666.171271.peg.1857

CELLO prediction:

<table>
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<th>predictor</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.318</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.787</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.461</td>
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Combined SVM classifier:

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<tbody>
<tr>
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<td>0.815</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1858

CELLO prediction:

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<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.610</td>
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**CELLO prediction:**

<table>
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</thead>
<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
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<td>0.379</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.777</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.567</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 0.639
- OuterMembrane 0.498
- Periplasmic 0.774
- InnerMembrane 0.270
- Cytoplasmic 2.819 *

*****

SeqID: fig|6666666.171271.peg.1860

**CELLO prediction:**

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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.263</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.800</td>
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<tr>
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<td>0.363</td>
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<td>Cytoplasmic</td>
<td>0.880</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.350</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 0.838
- OuterMembrane 0.380
- Periplasmic 0.805
- InnerMembrane 0.344
- Cytoplasmic 2.633 *

*****

SeqID: fig|6666666.171271.peg.1861

**CELLO prediction:**

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<thead>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.991</td>
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**Combined SVM classifier:**
Extracellular 0.088
OuterMembrane 0.392
Periplasmic 0.244
InnerMembrane 0.203
Cytoplasmic 4.073 *

SeqID: fig|6666666.171271.peg.1862
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.468
Di-peptide Cytoplasmic 0.943
part-Comp. Cytoplasmic 0.659
chemo-typy Cytoplasmic 0.875
Neighboring Cytoplasmic 0.770

Combined SVM classifier:
Extracellular 0.492
OuterMembrane 0.382
Periplasmic 0.235
InnerMembrane 0.176
Cytoplasmic 3.714 *

SeqID: fig|6666666.171271.peg.1863
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.301
Di-peptide Extracellular 0.738
part-Comp. Extracellular 0.885
chemo-typy OuterMembrane 0.475
Neighboring OuterMembrane 0.489

Combined SVM classifier:
Extracellular 2.563 *
OuterMembrane 1.486
Periplasmic 0.425
InnerMembrane 0.071
Cytoplasmic 0.455

SeqID: fig|6666666.171271.peg.1864
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.400
Di-peptide Cytoplasmic 0.896
part-Comp. Cytoplasmic 0.431
chemo-typy Cytoplasmic 0.698
Neighboring Cytoplasmic 0.551

Combined SVM classifier:
Extracellular 0.436
OuterMembrane 0.470
Periplasmic 0.920
InnerMembrane 0.198
Cytoplasmic  2.976 *

SeqID: fig|6666666.171271.peg.1865
CELLO prediction:
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.775              
Di-peptide   Cytoplasmic  0.836              
part-Comp.   Cytoplasmic  0.945              
chemo-typical Cytoplasmic  0.923             
Neighboring  Cytoplasmic  0.955              

Combined SVM classifier: 
Extracellular  0.101  
OuterMembrane  0.181  
Periplasmic    0.147  
InnerMembrane  0.138  
Cytoplasmic    4.434 *

SeqID: fig|6666666.171271.peg.1866
CELLO prediction:
(predictor  location   reliable-index)  
Composition  InnerMembrane  0.941         
Di-peptide   InnerMembrane  0.997         
part-Comp.   InnerMembrane  0.931         
chemo-typical InnerMembrane  0.856       
Neighboring  InnerMembrane  0.975         

Combined SVM classifier: 
Extracellular  0.019  
OuterMembrane  0.029  
Periplasmic    0.065  
InnerMembrane  4.701 * 
Cytoplasmic    0.187  

SeqID: fig|6666666.171271.peg.1867
CELLO prediction:
(predictor  location   reliable-index)  
Composition  OuterMembrane  0.436         
Di-peptide   Cytoplasmic  0.828           
part-Comp.   Cytoplasmic  0.378           
chemo-typical Cytoplasmic  0.767          
Neighboring  Cytoplasmic  0.552           

Combined SVM classifier: 
Extracellular  0.482  
OuterMembrane  0.916  
Periplasmic    0.533  
InnerMembrane  0.241  
Cytoplasmic    2.829 *
SeqID: fig|6666666.171271.peg.1868
CELLO prediction:
(predictor    location      reliable-index)
Composition   Periplasmic  0.754
Di-peptide    Periplasmic  0.506
part-Comp.    Periplasmic  0.644
chemo-typy    Periplasmic  0.543
Neighboring   Periplasmic  0.934

Combined SVM classifier:
Extracellular  0.702
OuterMembrane  0.206
Periplasmic     3.382 *
InnerMembrane  0.235
Cytoplasmic    0.475

SeqID: fig|6666666.171271.peg.1869
CELLO prediction:
(predictor    location      reliable-index)
Composition   Extracellular 0.833
Di-peptide    Extracellular 0.819
part-Comp.    Extracellular 0.852
chemo-typy    OuterMembrane 0.656
Neighboring   Extracellular 0.852

Combined SVM classifier:
Extracellular  3.650 *
OuterMembrane  0.874
Periplasmic     0.313
InnerMembrane  0.018
Cytoplasmic    0.145

SeqID: fig|6666666.171271.peg.1870
CELLO prediction:
(predictor    location      reliable-index)
Composition   Periplasmic  0.271
Di-peptide    Cytoplasmic  0.599
part-Comp.    Cytoplasmic  0.356
chemo-typy    Cytoplasmic  0.570
Neighboring   Extracellular 0.319

Combined SVM classifier:
Extracellular  0.853
OuterMembrane  0.288
Periplasmic     1.251
InnerMembrane  0.535
Cytoplasmic    2.073 *

SeqID: fig|6666666.171271.peg.1871
CELLO prediction:
| SeqID: fig|6666666.171271.peg.1872 |
|CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.603 |
| Di-peptide | Cytoplasmic | 0.608 |
| part-Comp. | Cytoplasmic | 0.949 |
| chemo-typy | Cytoplasmic | 0.413 |
| Neighboring | Cytoplasmic | 0.924 |
| Combined SVM classifier: |
| Extracellular | 0.578 |
| OuterMembrane | 0.426 |
| Periplasmic | 0.398 |
| InnerMembrane | 0.100 |
| Cytoplasmic | 3.498 * |

| SeqID: fig|6666666.171271.peg.1873 |
|CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.542 |
| Di-peptide | InnerMembrane | 0.824 |
| part-Comp. | InnerMembrane | 0.542 |
| chemo-typy | InnerMembrane | 0.824 |
| Neighboring | InnerMembrane | 0.516 |
| Combined SVM classifier: |
| Extracellular | 0.035 |
| OuterMembrane | 0.029 |
| Periplasmic | 0.265 |
| InnerMembrane | 0.462 |
| Cytoplasmic | 4.208 * |
chemo-typy.InnerMembrane 0.781
Neighboring.InnerMembrane 0.642

Combined SVM classifier:
Extracellular 0.145
OuterMembrane 0.312
Periplasmic 0.287
InnerMembrane 3.305 *
Cytoplasmic 0.951

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******
SeqID: fig|6666666.171271.peg.1875
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.312
Di-peptide Cytoplasmic 0.620
part-Comp. Cytoplasmic 0.466
chemo-typy Cytoplasmic 0.562
Neighboring OuterMembrane 0.422

Combined SVM classifier:
Extracellular 0.768
OuterMembrane 0.981
Periplasmic 0.752
InnerMembrane 0.250
Cytoplasmic 2.250 *

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******
SeqID: fig|6666666.171271.peg.1876
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.626
Di-peptide Cytoplasmic 0.943
part-Comp. Cytoplasmic 0.690
chemo-typy Cytoplasmic 0.689
Neighboring Cytoplasmic 0.430

Combined SVM classifier:
Extracellular 0.722
OuterMembrane 0.325
Periplasmic 0.436
InnerMembrane 0.140
Cytoplasmic 3.377 *

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SeqID: fig|6666666.171271.peg.1877
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.638
Di-peptide Cytoplasmic 0.816
part-Comp. Cytoplasmic 0.909
chemo-typy Periplasmic 0.651
Neighboring Cytoplasmic 0.936

Combined SVM classifier:
Extracellular 0.357
OuterMembrane 0.319
Periplasmic 0.734
InnerMembrane 0.089
Cytoplasmic 3.502 *

SeqID: fig|6666666.171271.peg.1878
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic 0.347
Di-peptide      OuterMembrane 0.600
part-Comp.      Cytoplasmic 0.549
chemo-typy      Cytoplasmic 0.462
Neighboring     Cytoplasmic 0.553

Combined SVM classifier:
Extracellular 0.733
OuterMembrane 1.427
Periplasmic 0.427
InnerMembrane 0.242
Cytoplasmic 2.171 *

SeqID: fig|6666666.171271.peg.1879
CELLO prediction:
(predictor  location   reliable-index)
Composition     Cytoplasmic 0.653
Di-peptide      Cytoplasmic 0.914
part-Comp.      Cytoplasmic 0.874
chemo-typy      Cytoplasmic 0.631
Neighboring     Cytoplasmic 0.522

Combined SVM classifier:
Extracellular 0.481
OuterMembrane 0.302
Periplasmic 0.467
InnerMembrane 0.156
Cytoplasmic 3.594 *

SeqID: fig|6666666.171271.peg.1880
CELLO prediction:
(predictor  location   reliable-index)
Composition     OuterMembrane 0.376
Di-peptide      Cytoplasmic 0.790
part-Comp.      Cytoplasmic 0.395
chemo-typy      Cytoplasmic 0.503
Neighboring     Cytoplasmic 0.361

Combined SVM classifier:
Extracellular 0.830
OuterMembrane 0.869
Periplasmic 0.679
InnerMembrane 0.303
Cytoplasmic  2.320 *

SeqID: fig|6666666.171271.peg.1881
CELLO prediction:
(predictor       location     reliable-index)
Composition      Cytoplasmic  0.702
Di-peptide       Cytoplasmic  0.946
part-Comp.        Cytoplasmic  0.950
chemo-typy       Cytoplasmic  0.996
Neighboring      Cytoplasmic  0.941

Combined SVM classifier:
Extracellular     0.202
OuterMembrane     0.065
Periplasmic        0.112
InnerMembrane     0.086
Cytoplasmic       4.534 *

SeqID: fig|6666666.171271.peg.1882
CELLO prediction:
(predictor       location     reliable-index)
Composition      InnerMembrane 0.409
Di-peptide       InnerMembrane 0.789
part-Comp.       Cytoplasmic  0.387
chemo-typy       Cytoplasmic  0.333
Neighboring      Cytoplasmic  0.467

Combined SVM classifier:
Extracellular     0.623
OuterMembrane     0.357
Periplasmic        0.807
InnerMembrane     1.647 *
Cytoplasmic       1.566 *

SeqID: fig|6666666.171271.peg.1883
CELLO prediction:
(predictor       location     reliable-index)
Composition      InnerMembrane 0.958
Di-peptide       InnerMembrane 0.995
part-Comp.       InnerMembrane 0.978
chemo-typy       InnerMembrane 0.969
Neighboring      InnerMembrane 0.906

Combined SVM classifier:
Extracellular     0.025
OuterMembrane     0.081
Periplasmic        0.045
InnerMembrane     4.806 *
Cytoplasmic       0.043
SeqID: fig|6666666.171271.peg.1884

CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.433
Di-peptide  Extracellular  0.746
part-Comp.  Cytoplasmic  0.512
chemo-typy  Cytoplasmic  0.836
Neighboring  Periplasmic  0.455

Combined SVM classifier:
Extracellular  1.271
OuterMembrane  0.313
Periplasmic  1.263
InnerMembrane  0.134
Cytoplasmic  2.020 *

SeqID: fig|6666666.171271.peg.1885

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.744
Di-peptide  Cytoplasmic  0.971
part-Comp.  Cytoplasmic  0.945
chemo-typy  Cytoplasmic  0.897
Neighboring  Cytoplasmic  0.816

Combined SVM classifier:
Extracellular  0.130
OuterMembrane  0.180
Periplasmic  0.161
InnerMembrane  0.157
Cytoplasmic  4.372 *

SeqID: fig|6666666.171271.peg.1886

CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.685
Di-peptide  Extracellular  0.967
part-Comp.  Extracellular  0.969
chemo-typy  OuterMembrane  0.614
Neighboring  Extracellular  0.867

Combined SVM classifier:
Extracellular  3.862 *
OuterMembrane  0.759
Periplasmic  0.244
InnerMembrane  0.062
Cytoplasmic  0.074

SeqID: fig|6666666.171271.peg.1887

CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.911
Di-peptide OuterMembrane 0.704
part-Comp. Extracellular 0.731
chemo-typy OuterMembrane 0.780
Neighboring OuterMembrane 0.838

Combined SVM classifier:
Extracellular 2.241 *
OuterMembrane 2.670 *
Periplasmic 0.059
InnerMembrane 0.024
Cytoplasmic 0.006

SeqID: fig|6666666.171271.peg.1888
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.501
Di-peptide OuterMembrane 0.706
part-Comp. Cytoplasmic 0.413
chemo-typy OuterMembrane 0.805
Neighboring OuterMembrane 0.942

Combined SVM classifier:
Extracellular 0.482
OuterMembrane 3.225 *
Periplasmic 0.185
InnerMembrane 0.374
Cytoplasmic 0.734

SeqID: fig|6666666.171271.peg.1889
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.672
Di-peptide Cytoplasmic 0.929
part-Comp. Cytoplasmic 0.922
chemo-typy Cytoplasmic 0.872
Neighboring Cytoplasmic 0.857

Combined SVM classifier:
Extracellular 0.165
OuterMembrane 0.207
Periplasmic 0.225
InnerMembrane 0.151
Cytoplasmic 4.252 *

SeqID: fig|6666666.171271.peg.1890
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.567
Di-peptide Extracellular 0.476
part-Comp. Cytoplasmic 0.538
<table>
<thead>
<tr>
<th>Chemo-typy</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cytoplasmic</td>
<td>0.934</td>
<td></td>
</tr>
<tr>
<td>Neighboring</td>
<td>0.874</td>
<td></td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

| Extracellular   | 0.801            |
| Outer Membrane  | 0.770            |
| Periplasmic     | 0.150            |
| Inner Membrane  | 0.417            |
| Cytoplasmic     | 2.863 *          |

**CELLO prediction:**

**SeqID: fig|6666666.171271.peg.1891**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.793</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.988</td>
</tr>
<tr>
<td>Part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.774</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.959</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.898</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

| Extracellular   | 0.107            |
| Outer Membrane  | 0.203            |
| Periplasmic     | 0.196            |
| Inner Membrane  | 0.081            |
| Cytoplasmic     | 4.412 *          |

**SeqID: fig|6666666.171271.peg.1892**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Inner Membrane</td>
<td>0.583</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
<td>0.995</td>
</tr>
<tr>
<td>Part-Comp.</td>
<td>Inner Membrane</td>
<td>0.480</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Inner Membrane</td>
<td>1.000</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
<td>0.897</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

| Extracellular   | 0.186            |
| Outer Membrane  | 0.107            |
| Periplasmic     | 0.220            |
| Inner Membrane  | 3.955 *          |
| Cytoplasmic     | 0.533            |

**SeqID: fig|6666666.171271.peg.1893**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.780</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.977</td>
</tr>
<tr>
<td>Part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.858</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.980</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.986</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**
Extracellular 0.163
OuterMembrane 0.107
Periplasmic 0.071
InnerMembrane 0.079
Cytoplasmic 4.580 *

SeqID: fig|6666666.171271.peg.1894
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.272
Di-peptide Cytoplasmic 0.515
part-Comp. Extracellular 0.435
chemo-typy Extracellular 0.737
Neighboring Extracellular 0.631

Combined SVM classifier:
Extracellular 2.315 *
OuterMembrane 0.382
Periplasmic 0.674
InnerMembrane 0.387
Cytoplasmic 1.243

SeqID: fig|6666666.171271.peg.1895
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.289
Di-peptide Periplasmic 0.651
part-Comp. Periplasmic 0.351
chemo-typy Cytoplasmic 0.898
Neighboring Periplasmic 0.494

Combined SVM classifier:
Extracellular 0.795
OuterMembrane 0.250
Periplasmic 1.784 *
InnerMembrane 0.391
Cytoplasmic 1.780 *

SeqID: fig|6666666.171271.peg.1896
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.389
Di-peptide Periplasmic 0.651
part-Comp. Periplasmic 0.351
chemo-typy Cytoplasmic 0.898
Neighboring Periplasmic 0.494

Combined SVM classifier:
Extracellular 0.633
OuterMembrane 0.170
Periplasmic 1.964 *
InnerMembrane 0.205
Cytoplasmic 2.027 *

SeqID: fig|6666666.171271.peg.1897
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.401
Di-peptide Extracellular 0.798
part-Comp. Extracellular 0.702
cheto-typy Periplasmic 0.382
Neighboring Extracellular 0.625

Combined SVM classifier:
Extracellular 2.820 *
OuterMembrane 0.599
Periplasmic 0.798
InnerMembrane 0.136
Cytoplasmic 0.647

SeqID: fig|6666666.171271.peg.1898
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.695
Di-peptide Cytoplasmic 0.676
part-Comp. Cytoplasmic 0.761
cheto-typy Cytoplasmic 0.835
Neighboring Cytoplasmic 0.664

Combined SVM classifier:
Extracellular 0.109
OuterMembrane 0.082
Periplasmic 0.986
InnerMembrane 0.193
Cytoplasmic 3.630 *

SeqID: fig|6666666.171271.peg.1899
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.997
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.997
cheto-typy InnerMembrane 0.968
Neighboring InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.008
OuterMembrane 0.005
Periplasmic 0.018
InnerMembrane 4.961 *
Cytoplasmic 0.007
<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1900</th>
<th>CELLO prediction:</th>
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<tr>
<td>(predictor</td>
<td>location</td>
<td>reliable-index)</td>
</tr>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.714</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.442</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.516</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.591</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.679</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 2.940 *
- OuterMembrane: 0.529
- Periplasmic: 0.764
- InnerMembrane: 0.277
- Cytoplasmic: 0.490

<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1901</th>
<th>CELLO prediction:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(predictor</td>
<td>location</td>
<td>reliable-index)</td>
</tr>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.280</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.620</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.377</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.968</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.469</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 2.323 *
- OuterMembrane: 1.153
- Periplasmic: 0.638
- InnerMembrane: 0.306
- Cytoplasmic: 0.581

<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.1902</th>
<th>CELLO prediction:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(predictor</td>
<td>location</td>
<td>reliable-index)</td>
</tr>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.342</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.392</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.736</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.586</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.628</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 2.226 *
- OuterMembrane: 1.584 *
- Periplasmic: 0.361
- InnerMembrane: 0.443
- Cytoplasmic: 0.386

| SeqID: fig|6666666.171271.peg.1903 | CELLO prediction: |
(predictor  location   reliable-index)
Composition Extracellular 0.267
Di-peptide OuterMembrane 0.405
part-Comp. Cytoplasmic 0.648
chemo-typy Cytoplasmic 0.348
Neighboring Cytoplasmic 0.489

Combined SVM classifier:
Extracellular 1.248 *
OuterMembrane 0.816
Periplasmic 0.494
InnerMembrane 0.527
Cytoplasmic 1.915 *

SeqID: fig|666666.171271.peg.1904
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.964
Di-peptide OuterMembrane 0.937
part-Comp. OuterMembrane 0.993
chemo-typy OuterMembrane 0.734
Neighboring OuterMembrane 0.997

Combined SVM classifier:
Extracellular 0.134
OuterMembrane 4.626 *
Periplasmic 0.053
InnerMembrane 0.138
Cytoplasmic 0.048

SeqID: fig|666666.171271.peg.1905
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.444
Di-peptide Cytoplasmic 0.841
part-Comp. Cytoplasmic 0.704
chemo-typy Cytoplasmic 0.927
Neighboring Cytoplasmic 0.722

Combined SVM classifier:
Extracellular 0.277
OuterMembrane 0.815
Periplasmic 0.166
InnerMembrane 0.105
Cytoplasmic 3.638 *

SeqID: fig|666666.171271.peg.1906
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.953
part-Comp. Cytoplasmic 0.356
chemo-typy  Cytoplasmic  0.850
Neighboring  Cytoplasmic  0.497

Combined SVM classifier:
Extracellular  0.698
OuterMembrane  0.232
Periplasmic  0.798
InnerMembrane  0.381
Cytoplasmic  2.891 *

****************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1907
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.373
Di-peptide  Cytoplasmic  0.781
part-Comp.  Extracellular  0.437
chemo-typy  Cytoplasmic  0.547
Neighboring  Cytoplasmic  0.503

Combined SVM classifier:
Extracellular  0.931
OuterMembrane  0.703
Periplasmic  0.636
InnerMembrane  0.213
Cytoplasmic  2.517 *

****************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1908
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.305
Di-peptide  Cytoplasmic  0.789
part-Comp.  Cytoplasmic  0.514
chemo-typy  Cytoplasmic  0.509
Neighboring  OuterMembrane  0.477

Combined SVM classifier:
Extracellular  0.824
OuterMembrane  0.839
Periplasmic  0.680
InnerMembrane  0.266
Cytoplasmic  2.391 *

****************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1909
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.314
Di-peptide  Periplasmic  0.468
part-Comp.  Cytoplasmic  0.392
chemo-typy  Cytoplasmic  0.634
Neighboring  Periplasmic  0.510

Combined SVM classifier:
Extracellular 0.646
OuterMembrane 0.216
Periplasmic 1.815 *
InnerMembrane 0.290
Cytoplasmic 2.034 *

SeqID: fig|6666666.171271.peg.1910
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.332
Di-peptide     Cytoplasmic  0.795
part-Comp.     Cytoplasmic  0.385
chemo-typy     Cytoplasmic  0.897
Neighboring    Extracellular 0.364

Combined SVM classifier:
Extracellular 0.848
OuterMembrane 0.246
Periplasmic 0.918
InnerMembrane 0.274
Cytoplasmic 2.714 *

SeqID: fig|6666666.171271.peg.1911
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic  0.452
Di-peptide     OuterMembrane 0.715
part-Comp.     Cytoplasmic  0.429
chemo-typy     Periplasmic 0.306
Neighboring    Cytoplasmic 0.762

Combined SVM classifier:
Extracellular 0.909
OuterMembrane 1.387 *
Periplasmic 0.533
InnerMembrane 0.134
Cytoplasmic 2.036 *

SeqID: fig|6666666.171271.peg.1912
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic 0.265
Di-peptide     InnerMembrane 0.742
part-Comp.     Cytoplasmic 0.370
chemo-typy     Cytoplasmic 0.466
Neighboring    Cytoplasmic 0.418

Combined SVM classifier:
Extracellular 0.721
OuterMembrane 0.261
Periplasmic 1.161 *
InnerMembrane 1.199 *
SeqID: fig|6666666.171271.peg.1913
CELLO prediction:
(predictor  location   reliable-index)
Composition        Cytoplasmic  0.507
Di-peptide         OuterMembrane 0.469
part-Comp.          Cytoplasmic  0.941
chemo-typy         Cytoplasmic  0.390
Neighboring        Cytoplasmic  0.825

Combined SVM classifier:
Extracellular 0.484
OuterMembrane 0.974
Periplasmic 0.154
InnerMembrane 0.307
Cytoplasmic 3.081 *

SeqID: fig|6666666.171271.peg.1914
CELLO prediction:
(predictor  location   reliable-index)
Composition        Cytoplasmic  0.586
Di-peptide         OuterMembrane 0.794
part-Comp.          Extracellular 0.458
chemo-typy         InnerMembrane 0.453
Neighboring        OuterMembrane 0.502

Combined SVM classifier:
Extracellular 0.808
OuterMembrane 1.600 *
Periplasmic 0.532
InnerMembrane 0.839
Cytoplasmic 1.221 *

SeqID: fig|6666666.171271.peg.1915
CELLO prediction:
(predictor  location   reliable-index)
Composition        InnerMembrane 0.953
Di-peptide         InnerMembrane 0.998
part-Comp.          InnerMembrane 0.968
chemo-typy         InnerMembrane 0.993
Neighboring        InnerMembrane 0.884

Combined SVM classifier:
Extracellular 0.028
OuterMembrane 0.059
Periplasmic 0.022
InnerMembrane 4.795 *
Cytoplasmic 0.096
SeqID: fig|6666666.171271.peg.1916

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.271
Di-peptide Cytoplasmic 0.622
part-Comp. Cytoplasmic 0.360
chemo-typy Cytoplasmic 0.853
Neighboring Extracellular 0.430

Combined SVM classifier:
Extracellular 1.050
OuterMembrane 0.637
Periplasmic 0.645
InnerMembrane 0.312
Cytoplasmic 2.356 *

SeqID: fig|6666666.171271.peg.1917

CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.472
Di-peptide OuterMembrane 0.771
part-Comp. OuterMembrane 0.634
chemo-typy Periplasmic 0.544
Neighboring OuterMembrane 0.900

Combined SVM classifier:
Extracellular 0.490
OuterMembrane 3.040 *
Periplasmic 0.892
InnerMembrane 0.251
Cytoplasmic 0.327

SeqID: fig|6666666.171271.peg.1918

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.261
Di-peptide Extracellular 0.493
part-Comp. Extracellular 0.625
chemo-typy OuterMembrane 0.673
Neighboring Extracellular 0.484

Combined SVM classifier:
Extracellular 2.119 *
OuterMembrane 1.761 *
Periplasmic 0.460
InnerMembrane 0.272
Cytoplasmic 0.388

SeqID: fig|6666666.171271.peg.1919

CELLO prediction:
(predictor    location       reliable-index)
Composition   InnerMembrane  0.907
Di-peptide    InnerMembrane  0.999
part-Comp.    InnerMembrane  0.971
chemo-typy    InnerMembrane  0.996
Neighboring   InnerMembrane  0.933

Combined SVM classifier:
Extracellular  0.044
OuterMembrane  0.059
Periplasmic    0.038
InnerMembrane  4.807 *
Cytoplasmic    0.052

SeqID: fig|6666666.171271.peg.1920
CELLO prediction:
(predictor    location       reliable-index)
Composition   Periplasmic  0.443
Di-peptide    Cytoplasmic  0.536
part-Comp.    Cytoplasmic  0.547
chemo-typy    Cytoplasmic  0.946
Neighboring   Periplasmic  0.488

Combined SVM classifier:
Extracellular  0.386
OuterMembrane  0.154
Periplasmic    1.518
InnerMembrane  0.350
Cytoplasmic    2.592 *

SeqID: fig|6666666.171271.peg.1921
CELLO prediction:
(predictor    location       reliable-index)
Composition   Cytoplasmic  0.718
Di-peptide    Cytoplasmic  0.968
part-Comp.    Cytoplasmic  0.947
chemo-typy    Cytoplasmic  0.981
Neighboring   Cytoplasmic  0.727

Combined SVM classifier:
Extracellular  0.017
OuterMembrane  0.033
Periplasmic    0.061
InnerMembrane  0.547
Cytoplasmic    4.342 *

SeqID: fig|6666666.171271.peg.1922
CELLO prediction:
(predictor    location       reliable-index)
Composition   Cytoplasmic  0.867
Di-peptide    Cytoplasmic  0.803
part-Comp.    Cytoplasmic  0.782
Chemotyph Cytoplasmic 0.911
Neighboring Cytoplasmic 0.889

Combined SVM classifier:

Extracellular 0.130
OuterMembrane 0.197
Periplasmic 0.351
InnerMembrane 0.070
Cytoplasmic 4.253 *

SeqID: fig|6666666.171271.peg.1923

CELLO prediction:

(predictor       location   reliable-index)
Composition Cytoplasmic 0.756
Di-peptide Cytoplasmic 0.604
part-Comp. Cytoplasmic 0.536
chemo-typy Cytoplasmic 0.810
Neighboring Cytoplasmic 0.571

Combined SVM classifier:

Extracellular 0.288
OuterMembrane 0.292
Periplasmic 0.903
InnerMembrane 0.240
Cytoplasmic 3.277 *

SeqID: fig|6666666.171271.peg.1924

CELLO prediction:

(predictor       location   reliable-index)
Composition Cytoplasmic 0.521
Di-peptide OuterMembrane 0.705
part-Comp. Cytoplasmic 0.609
chemo-typy Periplasmic 0.435
Neighboring OuterMembrane 0.468

Combined SVM classifier:

Extracellular 0.814
OuterMembrane 1.431 *
Periplasmic 0.736
InnerMembrane 0.168
Cytoplasmic 1.851 *

SeqID: fig|6666666.171271.peg.1925

CELLO prediction:

(predictor       location   reliable-index)
Composition Cytoplasmic 0.295
Di-peptide Cytoplasmic 0.938
part-Comp. Cytoplasmic 0.434
chemo-typy Cytoplasmic 0.918
Neighboring Cytoplasmic 0.842

Combined SVM classifier:
Extracellular 0.520  
OuterMembrane 0.168  
Periplasmic 0.589  
InnerMembrane 0.295  
Cytoplasmic 3.428 *

SeqID: fig|666666.171271.peg.1926  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.574  
Di-peptide Cytoplasmic 0.683  
part-Comp. Cytoplasmic 0.793  
chemo-typy Cytoplasmic 0.961  
Neighboring Cytoplasmic 0.705  

Combined SVM classifier:  
Extracellular 0.344  
OuterMembrane 0.527  
Periplasmic 0.159  
InnerMembrane 0.253  
Cytoplasmic 3.717 *

SeqID: fig|666666.171271.peg.1927  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.757  
Di-peptide Cytoplasmic 0.974  
part-Comp. Cytoplasmic 0.850  
chemo-typy Cytoplasmic 0.558  
Neighboring Cytoplasmic 0.878  

Combined SVM classifier:  
Extracellular 0.180  
OuterMembrane 0.074  
Periplasmic 0.506  
InnerMembrane 0.224  
Cytoplasmic 4.016 *

SeqID: fig|666666.171271.peg.1928  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.906  
Di-peptide Cytoplasmic 0.975  
part-Comp. Cytoplasmic 0.986  
chemo-typy Cytoplasmic 0.982  
Neighboring Cytoplasmic 0.985  

Combined SVM classifier:  
Extracellular 0.036  
OuterMembrane 0.071  
Periplasmic 0.027  
InnerMembrane 0.032
Cytoplasmic 4.835 *

SeqID: fig|6666666.171271.peg.1929
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.358
Di-peptide    Cytoplasmic  0.676
part-Comp.    Cytoplasmic  0.829
chemo-typy   Cytoplasmic  0.806
Neighboring  Cytoplasmic  0.944

Combined SVM classifier:
Extracellular 0.344
OuterMembrane 0.221
Periplasmic 0.407
InnerMembrane 0.415
Cytoplasmic 3.613 *

SeqID: fig|6666666.171271.peg.1930
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.684
Di-peptide    Cytoplasmic  0.996
part-Comp.    Cytoplasmic  0.729
chemo-typy   Cytoplasmic  0.678
Neighboring  Cytoplasmic  0.978

Combined SVM classifier:
Extracellular 0.362
OuterMembrane 0.088
Periplasmic 0.390
InnerMembrane 0.094
Cytoplasmic 4.065 *

SeqID: fig|6666666.171271.peg.1931
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.368
Di-peptide    Cytoplasmic  0.810
part-Comp.    Cytoplasmic  0.703
chemo-typy   Cytoplasmic  0.890
Neighboring  Cytoplasmic  0.763

Combined SVM classifier:
Extracellular 0.522
OuterMembrane 0.376
Periplasmic 0.361
InnerMembrane 0.207
Cytoplasmic 3.534 *
| SeqID: fig|6666666.171271.peg.1932 |
| CELLO prediction: | (predictor | location | reliable-index) |
| | Composition | Periplasmic | 0.307 |
| | Di-peptide | Extracellular | 0.547 |
| | part-Comp. | Periplasmic | 0.462 |
| | chemo-typy | Periplasmic | 0.476 |
| | Neighboring | OuterMembrane | 0.379 |
| Combined SVM classifier: | Extracellular | 1.210 * |
| | OuterMembrane | 0.946 |
| | Periplasmic | 1.738 * |
| | InnerMembrane | 0.234 |
| | Cytoplasmic | 0.872 |

| SeqID: fig|6666666.171271.peg.1933 |
| CELLO prediction: | (predictor | location | reliable-index) |
| | Composition | Periplasmic | 0.543 |
| | Di-peptide | Extracellular | 0.705 |
| | part-Comp. | OuterMembrane | 0.652 |
| | chemo-typy | Periplasmic | 0.544 |
| | Neighboring | Periplasmic | 0.470 |
| Combined SVM classifier: | Extracellular | 1.212 * |
| | OuterMembrane | 1.359 * |
| | Periplasmic | 1.826 * |
| | InnerMembrane | 0.096 |
| | Cytoplasmic | 0.507 |

| SeqID: fig|6666666.171271.peg.1934 |
| CELLO prediction: | (predictor | location | reliable-index) |
| | Composition | OuterMembrane | 0.765 |
| | Di-peptide | OuterMembrane | 0.805 |
| | part-Comp. | OuterMembrane | 0.600 |
| | chemo-typy | OuterMembrane | 0.404 |
| | Neighboring | OuterMembrane | 0.850 |
| Combined SVM classifier: | Extracellular | 0.504 |
| | OuterMembrane | 3.423 * |
| | Periplasmic | 0.356 |
| | InnerMembrane | 0.188 |
| | Cytoplasmic | 0.528 |

| SeqID: fig|6666666.171271.peg.1935 |
| CELLO prediction: |
(predictor location reliable-index)
Composition Cytoplasmic 0.575
Di-peptide OuterMembrane 0.362
part-Comp. Cytoplasmic 0.474
chemo-typy Cytoplasmic 0.473
Neighboring Cytoplasmic 0.691

Combined SVM classifier:
Extracellular 0.809
OuterMembrane 0.984
Periplasmic 0.531
InnerMembrane 0.233
Cytoplasmic 2.442 *

******
SeqID: fig|6666666.171271.peg.1936
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.348
Di-peptide Cytoplasmic 0.398
part-Comp. Cytoplasmic 0.515
chemo-typy Periplasmic 0.606
Neighboring OuterMembrane 0.397

Combined SVM classifier:
Extracellular 0.579
OuterMembrane 1.151 *
Periplasmic 0.844
InnerMembrane 0.951
Cytoplasmic 1.475 *

******
SeqID: fig|6666666.171271.peg.1937
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Periplasmic 0.819
part-Comp. Cytoplasmic 0.379
chemo-typy Cytoplasmic 0.579
Neighboring Cytoplasmic 0.617

Combined SVM classifier:
Extracellular 0.664
OuterMembrane 0.257
Periplasmic 1.087
InnerMembrane 0.333
Cytoplasmic 2.659 *

******
SeqID: fig|6666666.171271.peg.1938
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide InnerMembrane 0.584
part-Comp. Cytoplasmic 0.357
**chemo-typy**

Periplasmic 0.360

Neighboring Cytoplasmic 0.388

**Combined SVM classifier:**

Extracellular 0.928

OuterMembrane 0.305

Periplasmic 1.158 *

InnerMembrane 1.098 *

Cytoplasmic 1.510 *

***************************************************************************

******

SeqID: fig|6666666.171271.peg.1939

CELLO prediction:

(predictor location reliable-index)

Composition Periplasmic 0.264

Di-peptide Cytoplasmic 0.499

part-Comp. Cytoplasmic 0.360

chemo-typy Cytoplasmic 0.690

Neighboring Cytoplasmic 0.327

**Combined SVM classifier:**

Extracellular 0.741

OuterMembrane 0.419

Periplasmic 1.060

InnerMembrane 0.672

Cytoplasmic 2.108 *

****************

SeqID: fig|6666666.171271.peg.1940

CELLO prediction:

(predictor location reliable-index)

Composition Periplasmic 0.259

Di-peptide Cytoplasmic 0.388

part-Comp. Cytoplasmic 0.357

chemo-typy Cytoplasmic 0.703

Neighboring Cytoplasmic 0.290

**Combined SVM classifier:**

Extracellular 0.824

OuterMembrane 0.354

Periplasmic 1.110

InnerMembrane 0.742

Cytoplasmic 1.970 *

****************************************

SeqID: fig|6666666.171271.peg.1941

CELLO prediction:

(predictor location reliable-index)

Composition Cytoplasmic 0.375

Di-peptide Extracellular 0.473

part-Comp. Cytoplasmic 0.600

chemo-typy OuterMembrane 0.341

Neighboring Cytoplasmic 0.498

**Combined SVM classifier:**
Extracellular 1.657 *
OuterMembrane 0.898
Periplasmic 0.531
InnerMembrane 0.154
Cytoplasmic 1.760 *

SeqID: fig|6666666.171271.peg.1942
CELLO prediction:
(predictor  location   reliable-index)
Composition          Cytoplasmic 0.611
Di-peptide           Cytoplasmic 0.673
part-Comp.           Cytoplasmic 0.309
chemo-typy           Periplasmic 0.624
Neighboring          OuterMembrane 0.430

Combined SVM classifier:
Extracellular 0.672
OuterMembrane 0.969
Periplasmic 0.998
InnerMembrane 0.641
Cytoplasmic 1.721 *

SeqID: fig|6666666.171271.peg.1943
CELLO prediction:
(predictor  location   reliable-index)
Composition          Cytoplasmic 0.419
Di-peptide           Cytoplasmic 0.967
part-Comp.           Cytoplasmic 0.635
chemo-typy           Cytoplasmic 0.937
Neighboring          Cytoplasmic 0.721

Combined SVM classifier:
Extracellular 0.631
OuterMembrane 0.153
Periplasmic 0.295
InnerMembrane 0.241
Cytoplasmic 3.680 *

SeqID: fig|6666666.171271.peg.1944
CELLO prediction:
(predictor  location   reliable-index)
Composition          Cytoplasmic 0.412
Di-peptide           Cytoplasmic 0.790
part-Comp.           Extracellular 0.310
chemo-typy           Periplasmic 0.537
Neighboring          OuterMembrane 0.486

Combined SVM classifier:
Extracellular 0.781
OuterMembrane 0.864
Periplasmic 1.183
InnerMembrane 0.189
| SeqID: fig|6666666.171271.peg.1945 | CELLO prediction: |
|----------------|---------------------------|
| (predictor      | location                  | reliable-index) |
| Composition     | Periplasmic               | 0.270          |
| Di-peptide      | Cytoplasmic               | 0.956          |
| part-Comp.      | Cytoplasmic               | 0.394          |
| chemo-typy      | Cytoplasmic               | 0.911          |
| Neighboring     | Cytoplasmic               | 0.465          |

**Combined SVM classifier:**

Extracellular 0.675
OuterMembrane 0.270
Periplasmic 0.761
InnerMembrane 0.332
Cytoplasmic 2.962 *

| SeqID: fig|6666666.171271.peg.1946 | CELLO prediction: |
|----------------|---------------------------|
| (predictor      | location                  | reliable-index) |
| Composition     | Cytoplasmic               | 0.283          |
| Di-peptide      | Cytoplasmic               | 0.608          |
| part-Comp.      | Cytoplasmic               | 0.595          |
| chemo-typy      | Cytoplasmic               | 0.845          |
| Neighboring     | Cytoplasmic               | 0.533          |

**Combined SVM classifier:**

Extracellular 0.607
OuterMembrane 0.648
Periplasmic 0.613
InnerMembrane 0.268
Cytoplasmic 2.864 *

| SeqID: fig|6666666.171271.peg.1947 | CELLO prediction: |
|----------------|---------------------------|
| (predictor      | location                  | reliable-index) |
| Composition     | Cytoplasmic               | 0.288          |
| Di-peptide      | Cytoplasmic               | 0.820          |
| part-Comp.      | Cytoplasmic               | 0.403          |
| chemo-typy      | Cytoplasmic               | 0.819          |
| Neighboring     | Cytoplasmic               | 0.822          |

**Combined SVM classifier:**

Extracellular 0.508
OuterMembrane 0.170
Periplasmic 0.805
InnerMembrane 0.365
Cytoplasmic 3.151 *
SeqID: fig|6666666.171271.peg.1948

CELLO prediction:

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<th>Reliable-index</th>
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<tr>
<td>Di-peptide</td>
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<td>part-Comp.</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<td>Neighboring</td>
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Combined SVM classifier:

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<th>Score</th>
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SeqID: fig|6666666.171271.peg.1949

CELLO prediction:

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<td>part-Comp.</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.724</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1950

CELLO prediction:

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<tr>
<td>Composition</td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.1951

CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.267
Di-peptide Cytoplasmic 0.636
part-Comp. OuterMembrane 0.380
chemo-typy Cytoplasmic 0.518
Neighboring OuterMembrane 0.359

Combined SVM classifier:
Extracellular 0.840
OuterMembrane 1.093 *
Periplasmic 1.308 *
InnerMembrane 0.172
Cytoplasmic 1.587 *

 SeqID: fig|6666666.171271.peg.1952
 CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.311
Di-peptide Cytoplasmic 0.853
part-Comp. Cytoplasmic 0.436
chemo-typy Periplasmic 0.390
Neighboring Cytoplasmic 0.471

Combined SVM classifier:
Extracellular 0.837
OuterMembrane 0.431
Periplasmic 0.923
InnerMembrane 0.360
Cytoplasmic 2.448 *

 SeqID: fig|6666666.171271.peg.1953
 CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.243
Di-peptide Cytoplasmic 0.834
part-Comp. Cytoplasmic 0.345

Combined SVM classifier:
Extracellular 1.856 *
OuterMembrane 1.992 *
Periplasmic 0.300
InnerMembrane 0.592
Cytoplasmic 0.260

 SeqID: fig|6666666.171271.peg.1954
 CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.243
Di-peptide Cytoplasmic 0.834
part-Comp. Cytoplasmic 0.345
chemo-typy  Cytoplasmic  0.538
Neighboring  Extracellular  0.403

Combined SVM classifier:
Extracellular  0.991
OuterMembrane  0.396
Periplasmic  1.088
InnerMembrane  0.362
Cytoplasmic  2.163 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1955
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.382
Di-peptide  Cytoplasmic  0.913
part-Comp.  Cytoplasmic  0.651
chemo-typy  Cytoplasmic  0.577
Neighboring  Periplasmic  0.434

Combined SVM classifier:
Extracellular  0.406
OuterMembrane  0.243
Periplasmic  1.253
InnerMembrane  0.269
Cytoplasmic  2.828 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1956
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.733
Di-peptide  Extracellular  0.565
part-Comp.  Extracellular  0.620
chemo-typy  Extracellular  0.773
Neighboring  Extracellular  0.469

Combined SVM classifier:
Extracellular  3.159 *
OuterMembrane  0.867
Periplasmic  0.243
InnerMembrane  0.065
Cytoplasmic  0.667

***************************************************************************
******
SeqID: fig|6666666.171271.peg.1957
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.269
Di-peptide  Cytoplasmic  0.880
part-Comp.  Cytoplasmic  0.639
chemo-typy  Cytoplasmic  0.521
Neighboring  Cytoplasmic  0.478

Combined SVM classifier:
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SeqID: fig|6666666.171271.peg.1958

CELLO prediction:

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Combined SVM classifier:

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<tr>
<td>Extracellular</td>
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<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.1959

CELLO prediction:

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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
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<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.1960

CELLO prediction:

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Combined SVM classifier:

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<tr>
<td>Extracellular</td>
<td>0.670</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.177</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.238</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.131</td>
</tr>
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</table>
Cytoplasmic 3.784 *

SeqID: fig|6666666.171271.peg.1961
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.602
Di-peptide OuterMembrane 0.949
part-Comp. Cytoplasmic 0.373
chemo-typy Cytoplasmic 0.735
Neighboring OuterMembrane 0.812

Combined SVM classifier:
Extracellular 1.157
OuterMembrane 2.291 *
Periplasmic 0.308
InnerMembrane 0.067
Cytoplasmic 1.177

SeqID: fig|6666666.171271.peg.1962
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.809
Di-peptide Cytoplasmic 0.935
part-Comp. Cytoplasmic 0.760
chemo-typy Periplasmic 0.564
Neighboring Cytoplasmic 0.639

Combined SVM classifier:
Extracellular 0.237
OuterMembrane 0.216
Periplasmic 0.932
InnerMembrane 0.079
Cytoplasmic 3.536 *

SeqID: fig|6666666.171271.peg.1963
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.827
Di-peptide Cytoplasmic 0.546
part-Comp. Extracellular 0.668
chemo-typy Periplasmic 0.460
Neighboring OuterMembrane 0.382

Combined SVM classifier:
Extracellular 1.569 *
OuterMembrane 1.661 *
Periplasmic 0.602
InnerMembrane 0.184
Cytoplasmic 0.984
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<td>Di-peptide</td>
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<td>0.350</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.955</td>
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Combined SVM classifier:
- Extracellular: 0.453
- OuterMembrane: 0.319
- Periplasmic: 0.397
- InnerMembrane: 0.086
- Cytoplasmic: 3.745 *

<table>
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<td>0.684</td>
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<tr>
<td>Di-peptide</td>
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<td>0.772</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.554</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.977</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.394</td>
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Combined SVM classifier:
- Extracellular: 0.521
- OuterMembrane: 0.113
- Periplasmic: 2.373 *
- InnerMembrane: 0.130
- Cytoplasmic: 1.863 *

<table>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.949</td>
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Combined SVM classifier:
- Extracellular: 0.185
- OuterMembrane: 0.549
- Periplasmic: 0.335
- InnerMembrane: 0.149
- Cytoplasmic: 3.782 *

<table>
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(predictor  location   reliable-index)
Composition  Cytoplasmic  0.260
Di-peptide  Cytoplasmic  0.847
part-Comp.  Cytoplasmic  0.387
chemo-typy  Cytoplasmic  0.785
Neighboring  Cytoplasmic  0.571

Combined SVM classifier:
Extracellular  0.770
OuterMembrane  0.367
Periplasmic  0.689
InnerMembrane  0.325
Cytoplasmic  2.850 *

SeqID: fig|6666666.171271.peg.1968
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.251
Di-peptide  Cytoplasmic  0.945
part-Comp.  Cytoplasmic  0.404
chemo-typy  Cytoplasmic  0.771
Neighboring  Extracellular  0.399

Combined SVM classifier:
Extracellular  0.971
OuterMembrane  0.377
Periplasmic  0.652
InnerMembrane  0.293
Cytoplasmic  2.706 *

SeqID: fig|6666666.171271.peg.1969
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.260
Di-peptide  Cytoplasmic  0.957
part-Comp.  Cytoplasmic  0.485
chemo-typy  Cytoplasmic  0.940
Neighboring  Cytoplasmic  0.601

Combined SVM classifier:
Extracellular  0.568
OuterMembrane  0.228
Periplasmic  0.589
InnerMembrane  0.373
Cytoplasmic  3.243 *

SeqID: fig|6666666.171271.peg.1970
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.288
Di-peptide  Cytoplasmic  0.866
part-Comp.  Cytoplasmic  0.375
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<tbody>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.603</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.443</td>
</tr>
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Combined SVM classifier:

<table>
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<tr>
<th>Membrane Type</th>
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<tbody>
<tr>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.306</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.959</td>
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<tr>
<td>InnerMembrane</td>
<td>0.316</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.574</td>
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SeqID: fig6666666.171271.peg.1971
CELLO prediction:

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<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.264</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.927</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.403</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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Combined SVM classifier:

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<tbody>
<tr>
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<tr>
<td>OuterMembrane</td>
<td>0.257</td>
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<tr>
<td>Periplasmic</td>
<td>0.692</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig6666666.171271.peg.1972
CELLO prediction:

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<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.269</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.897</td>
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<td>Extracellular</td>
<td>0.311</td>
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Combined SVM classifier:

<table>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.790</td>
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<tr>
<td>OuterMembrane</td>
<td>0.297</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.913</td>
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<td>InnerMembrane</td>
<td>0.360</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.640</td>
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SeqID: fig6666666.171271.peg.1973
CELLO prediction:

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<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.271</td>
</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.465</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.331</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
Extracellular  0.894  
OuterMembrane  0.274  
Periplasmic    1.240 *  
InnerMembrane  0.773  
Cytoplasmic    1.820 *  

***************************************************************************  
******  
SeqID: fig|6666666.171271.peg.1974  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition    Cytoplasmic  0.267  
Di-peptide     Cytoplasmic  0.816  
part-Comp.     Cytoplasmic  0.402  
chemo-typy     Cytoplasmic  0.672  
Neighboring    Cytoplasmic  0.489  

Combined SVM classifier:  
Extracellular  0.710  
OuterMembrane  0.425  
Periplasmic    0.879  
InnerMembrane  0.340  
Cytoplasmic    2.647 *  

***************************************************************************  
******  
SeqID: fig|6666666.171271.peg.1975  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition    Cytoplasmic  0.674  
Di-peptide     Cytoplasmic  0.604  
part-Comp.     Cytoplasmic  0.888  
chemo-typy     Cytoplasmic  0.483  
Neighboring    Cytoplasmic  0.839  

Combined SVM classifier:  
Extracellular  0.301  
OuterMembrane  0.625  
Periplasmic    0.465  
InnerMembrane  0.122  
Cytoplasmic    3.487 *  

***************************************************************************  
******  
SeqID: fig|6666666.171271.peg.1976  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition    Cytoplasmic  0.264  
Di-peptide     Cytoplasmic  0.844  
part-Comp.     Extracellular  0.449  
chemo-typy     Periplasmic  0.477  
Neighboring    Cytoplasmic  0.496  

Combined SVM classifier:  
Extracellular  1.169  
OuterMembrane  0.422  
Periplasmic    0.922  
InnerMembrane  0.248  

Cytoplasmic 2.238 *

<table>
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<tr>
<td>Di-peptide Cytoplasmic 0.613</td>
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<tr>
<td>part-Comp. Periplasmic 0.302</td>
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<tr>
<td>chemo-typ Cytoplasmic 0.473</td>
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<tr>
<td>Neighboring Extracellular 0.496</td>
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</table>

Combined SVM classifier:

| Extracellular 1.309 * |
| OuterMembrane 0.521 |
| Periplasmic 1.447 * |
| InnerMembrane 0.255 |
| Cytoplasmic 1.468 * |

<table>
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<td>Neighboring Cytoplasmic 0.829</td>
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Combined SVM classifier:

| Extracellular 0.483 |
| OuterMembrane 0.186 |
| Periplasmic 0.556 |
| InnerMembrane 0.309 |
| Cytoplasmic 3.467 * |

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<tr>
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<td>chemo-typ Cytoplasmic 0.644</td>
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<tr>
<td>Neighboring Extracellular 0.368</td>
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Combined SVM classifier:

| Extracellular 0.937 |
| OuterMembrane 0.296 |
| Periplasmic 1.448 * |
| InnerMembrane 0.382 |
| Cytoplasmic 1.937 * |
SeqID: fig|6666666.171271.peg.1980

CELLO prediction:

(predictor  location   reliable-index)
Composition       Cytoplasmic 0.304
Di-peptide       Cytoplasmic 0.902
part-Comp.       Cytoplasmic 0.410
chemo-typy       Cytoplasmic 0.920
Neighboring     Cytoplasmic 0.708

Combined SVM classifier:
Extracellular  0.623
OuterMembrane  0.220
Periplasmic    0.577
InnerMembrane  0.338
Cytoplasmic 3.243 *

SeqID: fig|6666666.171271.peg.1981

CELLO prediction:

(predictor  location   reliable-index)
Composition       Periplasmic 0.265
Di-peptide       Cytoplasmic 0.673
part-Comp.       Cytoplasmic 0.369
chemo-typy       Cytoplasmic 0.666
Neighboring     Cytoplasmic 0.490

Combined SVM classifier:
Extracellular  0.663
OuterMembrane  0.246
Periplasmic    0.967
InnerMembrane  0.681
Cytoplasmic 2.444 *

SeqID: fig|6666666.171271.peg.1982

CELLO prediction:

(predictor  location   reliable-index)
Composition       Periplasmic 0.269
Di-peptide       Cytoplasmic 0.916
part-Comp.       Cytoplasmic 0.371
chemo-typy       Cytoplasmic 0.716
Neighboring     Cytoplasmic 0.643

Combined SVM classifier:
Extracellular  0.712
OuterMembrane  0.220
Periplasmic    0.804
InnerMembrane  0.379
Cytoplasmic 2.887 *

SeqID: fig|6666666.171271.peg.1983

CELLO prediction:
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<td>Combined SVM classifier:</td>
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<tr>
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<tr>
<td>OuterMembrane</td>
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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.203 *</td>
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<td>Di-peptide</td>
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<tr>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.356</td>
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chemo-typy Cytoplasmic 0.743
Neighboring Cytoplasmic 0.389

Combined SVM classifier:
Extracellular 0.843
OuterMembrane 0.266
Periplasmic 1.024
InnerMembrane 0.415
Cytoplasmic 2.452 *

******************************************************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1987
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.891
part-Comp. Cytoplasmic 0.462
chemo-typy Cytoplasmic 0.927
Neighboring Cytoplasmic 0.657

Combined SVM classifier:
Extracellular 0.628
OuterMembrane 0.202
Periplasmic 0.620
InnerMembrane 0.309
Cytoplasmic 3.241 *

******************************************************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1988
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.273
Di-peptide Periplasmic 0.557
part-Comp. Cytoplasmic 0.390
chemo-typy Cytoplasmic 0.844
Neighboring Cytoplasmic 0.455

Combined SVM classifier:
Extracellular 0.747
OuterMembrane 0.256
Periplasmic 1.481
InnerMembrane 0.297
Cytoplasmic 2.219 *

******************************************************************************************************************************************
******
SeqID: fig|6666666.171271.peg.1989
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.269
Di-peptide Cytoplasmic 0.927
part-Comp. Cytoplasmic 0.395
chemo-typy Cytoplasmic 0.882
Neighboring Cytoplasmic 0.799

Combined SVM classifier:
SeqID: fig|666666.171271.peg.1990
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.266
Di-peptide Cytoplasmic 0.745
part-Comp. Cytoplasmic 0.357
checo-typy Periplasmic 0.821
Neighboring Extracellular 0.343

Combined SVM classifier:
Extracellular 0.837
OuterMembrane 0.442
Periplasmic 1.596 *
InnerMembrane 0.326
Cytoplasmic 1.799 *

SeqID: fig|666666.171271.peg.1991
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.335
Di-peptide Cytoplasmic 0.609
part-Comp. Cytoplasmic 0.459
checo-typy Periplasmic 0.502
Neighboring Cytoplasmic 0.643

Combined SVM classifier:
Extracellular 0.595
OuterMembrane 0.235
Periplasmic 1.096
InnerMembrane 0.606
Cytoplasmic 2.467 *

SeqID: fig|666666.171271.peg.1992
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.548
Di-peptide Cytoplasmic 0.461
part-Comp. Cytoplasmic 0.781
checo-typy Cytoplasmic 0.834
Neighboring Cytoplasmic 0.477

Combined SVM classifier:
Extracellular 0.820
OuterMembrane 0.690
Periplasmic 0.286
InnerMembrane 0.102
Cytoplasmic  3.101 *

SeqID: fig|6666666.171271.peg.1993
CELLO prediction:
(predictor   location       reliable-index)
Composition  Cytoplasmic  0.539
Di-peptide   Cytoplasmic  0.845
part-Comp.   Extracellular 0.468
chemo-typy   Periplasmic  0.632
Neighboring  Cytoplasmic  0.574

Combined SVM classifier:
Extracellular 0.799
OuterMembrane 0.770
Periplasmic 0.795
InnerMembrane 0.105
Cytoplasmic 2.530 *

SeqID: fig|6666666.171271.peg.1994
CELLO prediction:
(predictor   location       reliable-index)
Composition  Periplasmic  0.269
Di-peptide   Cytoplasmic  0.785
part-Comp.   Cytoplasmic  0.363
chemo-typy   Cytoplasmic  0.917
Neighboring  Extracellular 0.383

Combined SVM classifier:
Extracellular 0.872
OuterMembrane 0.275
Periplasmic 0.875
InnerMembrane 0.370
Cytoplasmic 2.608 *

SeqID: fig|6666666.171271.peg.1995
CELLO prediction:
(predictor   location       reliable-index)
Composition  Cytoplasmic  0.576
Di-peptide   Cytoplasmic  0.855
part-Comp.   Cytoplasmic  0.910
chemo-typy   Cytoplasmic  0.927
Neighboring  Cytoplasmic  0.821

Combined SVM classifier:
Extracellular 0.219
OuterMembrane 0.489
Periplasmic 0.045
InnerMembrane 0.156
Cytoplasmic 4.091 *
SeqID: fig|6666666.171271.peg.1996
CELS prediction:
(predictor location reliable-index)
Composition    Cytoplasmic  0.418
Di-peptide     Periplasmic  0.417
part-Comp.     Periplasmic  0.558
chemo-typ.     Periplasmic  0.677
Neighboring    Periplasmic  0.868

Combined SVM classifier:
Extracellular  0.219
OuterMembrane  0.314
Periplasmic    2.865 *
InnerMembrane  0.529
Cytoplasmic    1.073

SeqID: fig|6666666.171271.peg.1997
CELS prediction:
(predictor location reliable-index)
Composition    InnerMembrane  0.949
Di-peptide     InnerMembrane  0.995
part-Comp.     InnerMembrane  0.908
chemo-typ.     InnerMembrane  1.000
Neighboring    InnerMembrane  0.985

Combined SVM classifier:
Extracellular  0.030
OuterMembrane  0.031
Periplasmic    0.034
InnerMembrane  4.837 *
Cytoplasmic    0.068

SeqID: fig|6666666.171271.peg.1998
CELS prediction:
(predictor location reliable-index)
Composition    InnerMembrane  0.984
Di-peptide     InnerMembrane  0.986
part-Comp.     InnerMembrane  0.955
chemo-typ.     InnerMembrane  0.946
Neighboring    InnerMembrane  0.986

Combined SVM classifier:
Extracellular  0.044
OuterMembrane  0.018
Periplasmic    0.032
InnerMembrane  4.856 *
Cytoplasmic    0.051

SeqID: fig|6666666.171271.peg.1999
CELS prediction:
### SeqID: fig|6666666.171271.peg.2000

**CELLO prediction:**

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<td>Di-peptide</td>
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**Combined SVM classifier:**

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### SeqID: fig|6666666.171271.peg.2001

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**Combined SVM classifier:**

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### SeqID: fig|6666666.171271.peg.2002

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**Combined SVM classifier:**

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<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.218</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.192 *</td>
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chemo-typy  Cytoplasmic  0.450
Neighboring  OuterMembrane  0.384

Combined SVM classifier:
Extracellular  0.694
OuterMembrane  0.865
Periplasmic  0.584
InnerMembrane  1.094 *
Cytoplasmic  1.763 *

SeqID: fig|6666666.171271.peg.2003
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.253
Di-peptide  InnerMembrane  0.829
part-Comp.  Cytoplasmic  0.340
chemo-typy  Extracellular  0.841
Neighboring  Extracellular  0.277

Combined SVM classifier:
Extracellular  1.602 *
OuterMembrane  0.329
Periplasmic  0.861
InnerMembrane  1.411 *
Cytoplasmic  0.797

SeqID: fig|6666666.171271.peg.2004
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.400
Di-peptide  Cytoplasmic  0.827
part-Comp.  Cytoplasmic  0.593
chemo-typy  Cytoplasmic  0.441
Neighboring  Cytoplasmic  0.839

Combined SVM classifier:
Extracellular  0.754
OuterMembrane  0.436
Periplasmic  0.487
InnerMembrane  0.222
Cytoplasmic  3.100 *

SeqID: fig|6666666.171271.peg.2005
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.967
Di-peptide  Cytoplasmic  0.986
part-Comp.  Cytoplasmic  0.957
chemo-typy  Cytoplasmic  0.925
Neighboring  Cytoplasmic  0.807

Combined SVM classifier:
Extracellular 0.117
OuterMembrane 0.075
Periplasmic 0.137
InnerMembrane 0.030
Cytoplasmic 4.641 *

SeqID: fig|6666666.171271.peg.2006
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.347
Di-peptide    Cytoplasmic  0.799
part-Comp.    Extracellular 0.388
chemo-typy   Periplasmic  0.394
Neighboring  Extracellular 0.392

Combined SVM classifier:
Extracellular 1.300
OuterMembrane 0.612
Periplasmic 0.826
InnerMembrane 0.236
Cytoplasmic 2.026 *

SeqID: fig|6666666.171271.peg.2007
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.972
Di-peptide    InnerMembrane 1.000
part-Comp.    InnerMembrane 0.996
chemo-typy   InnerMembrane 0.966
Neighboring  InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.012
OuterMembrane 0.016
Periplasmic 0.017
InnerMembrane 4.930 *
Cytoplasmic 0.024

SeqID: fig|6666666.171271.peg.2008
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane 0.636
Di-peptide    OuterMembrane 0.816
part-Comp.    InnerMembrane 0.375
chemo-typy   InnerMembrane 0.406
Neighboring  OuterMembrane 0.859

Combined SVM classifier:
Extracellular 0.815
OuterMembrane 2.772 *
Periplasmic 0.259
InnerMembrane 0.890
Cytoplasmic 0.264

SeqID: fig|6666666.171271.peg.2009
CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.267
Di-peptide  InnerMembrane  0.763
part-Comp.  Cytoplasmic  0.360
chemo-typy  Extracellular  0.336
Neighboring  Cytoplasmic  0.364

Combined SVM classifier:
Extracellular  0.993
OuterMembrane  0.314
Periplasmic  0.993
InnerMembrane  1.349 *
Cytoplasmic  1.351 *

SeqID: fig|6666666.171271.peg.2010
CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.283
Di-peptide  Cytoplasmic  0.543
part-Comp.  Extracellular  0.400
chemo-typy  Cytoplasmic  0.911
Neighboring  OuterMembrane  0.525

Combined SVM classifier:
Extracellular  1.229
OuterMembrane  0.846
Periplasmic  0.697
InnerMembrane  0.227
Cytoplasmic  2.001 *

SeqID: fig|6666666.171271.peg.2011
CELLO prediction:

(predictor  location   reliable-index)
Composition  Extracellular  0.293
Di-peptide  Extracellular  0.711
part-Comp.  Extracellular  0.474
chemo-typy  OuterMembrane  0.464
Neighboring  Extracellular  0.578

Combined SVM classifier:
Extracellular  2.241 *
OuterMembrane  0.785
Periplasmic  0.687
InnerMembrane  0.254
Cytoplasmic  1.033
| SeqID: fig|6666666.171271.peg.2012 | CELLO prediction: |
|-----------------|------------------------|
| **predictor**   | **location**           | **reliable-index** |
| Composition     | Periplasmic            | 0.280              |
| Di-peptide      | Cytoplasmic            | 0.501              |
| part-Comp.      | Cytoplasmic            | 0.358              |
| chemo-typy      | Cytoplasmic            | 0.686              |
| Neighboring     | Cytoplasmic            | 0.570              |

Combined SVM classifier:
- Extracellular: 0.612
- OuterMembrane: 0.201
- Periplasmic: 1.444
- InnerMembrane: 0.352
- Cytoplasmic: 2.392 *

| SeqID: fig|6666666.171271.peg.2013 | CELLO prediction: |
|-----------------|------------------------|
| **predictor**   | **location**           | **reliable-index** |
| Composition     | InnerMembrane          | 0.453              |
| Di-peptide      | InnerMembrane          | 0.873              |
| part-Comp.      | InnerMembrane          | 0.670              |
| chemo-typy      | InnerMembrane          | 0.853              |
| Neighboring     | InnerMembrane          | 0.914              |

Combined SVM classifier:
- Extracellular: 0.063
- OuterMembrane: 0.263
- Periplasmic: 0.251
- InnerMembrane: 3.763 *
- Cytoplasmic: 0.660

| SeqID: fig|6666666.171271.peg.2014 | CELLO prediction: |
|-----------------|------------------------|
| **predictor**   | **location**           | **reliable-index** |
| Composition     | InnerMembrane          | 0.351              |
| Di-peptide      | InnerMembrane          | 0.995              |
| part-Comp.      | InnerMembrane          | 0.497              |
| chemo-typy      | InnerMembrane          | 0.845              |
| Neighboring     | InnerMembrane          | 0.852              |

Combined SVM classifier:
- Extracellular: 0.258
- OuterMembrane: 0.112
- Periplasmic: 0.411
- InnerMembrane: 3.541 *
- Cytoplasmic: 0.678
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<th>predictor</th>
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<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.620</td>
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<tr>
<td>part-Comp.</td>
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**Combined SVM classifier:**

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<td>Cytoplasmic 2.245 *</td>
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SeqID: fig|6666666.171271.peg.2016

**CELLO prediction:**

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<tr>
<td>Di-peptide</td>
<td>Extracellular 0.857</td>
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<tr>
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<td>Extracellular 0.855</td>
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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.2017

**CELLO prediction:**

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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.2018

**CELLO prediction:**

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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.2019

**CELLO prediction:**

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<td>Chemo-typy</td>
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**Combined SVM classifier:**

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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.2020

**CELLO prediction:**

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<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<td>InnerMembrane</td>
<td>0.801</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.830 *</td>
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</table>

SeqID: fig|6666666.171271.peg.2021

**CELLO prediction:**

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.684</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.878</td>
</tr>
<tr>
<td>Part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.776</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Periplasmic</td>
<td>0.487</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**
CELLO prediction:

**SeqID: fig|6666666.171271.peg.2022**

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.423</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.847</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.597</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.848</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.634</td>
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Combined SVM classifier:

<table>
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<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.510</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.460</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.324</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.356</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.350 *</td>
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</table>

**SeqID: fig|6666666.171271.peg.2023**

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.313</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.599</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.760</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.489</td>
</tr>
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</table>

Combined SVM classifier:

<table>
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<th>Index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>2.089 *</td>
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<tr>
<td>OuterMembrane</td>
<td>0.872</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.607</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.258</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.174</td>
</tr>
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</table>

**SeqID: fig|6666666.171271.peg.2024**

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<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.970</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.610</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.837</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.991</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.899</td>
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Combined SVM classifier:

<table>
<thead>
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<th>Location</th>
<th>Index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.103</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.156</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.330</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.105</td>
</tr>
</tbody>
</table>
Cytoplasmic  4.307 *

*****

SeqID: fig|6666666.171271.peg.2025

CELLO prediction:

(predictor       location       reliable-index)
Composition      Cytoplasmic    0.737
Di-peptide       Cytoplasmic    0.524
part-Comp.       Cytoplasmic    0.460
chemo-typy       Cytoplasmic    0.857
Neighboring      Cytoplasmic    0.831

Combined SVM classifier:

Extracellular    0.464
OuterMembrane    0.405
Periplasmic      0.285
InnerMembrane    0.436
Cytoplasmic      3.410 *

***************************************************************************

SeqID: fig|6666666.171271.peg.2026

CELLO prediction:

(predictor       location       reliable-index)
Composition      OuterMembrane  0.876
Di-peptide       Extracellular  0.487
part-Comp.       Extracellular  0.604
chemo-typy       OuterMembrane  0.370
Neighboring      OuterMembrane  0.906

Combined SVM classifier:

Extracellular    1.501
OuterMembrane    2.561 *
Periplasmic      0.778
InnerMembrane    0.044
Cytoplasmic      0.117

***************************************************************************

SeqID: fig|6666666.171271.peg.2027

CELLO prediction:

(predictor       location       reliable-index)
Composition      Cytoplasmic    0.959
Di-peptide       Cytoplasmic    0.986
part-Comp.       Cytoplasmic    0.968
chemo-typy       Cytoplasmic    0.638
Neighboring      Cytoplasmic    0.714

Combined SVM classifier:

Extracellular    0.054
OuterMembrane    0.257
Periplasmic      0.353
InnerMembrane    0.072
Cytoplasmic      4.265 *
SeqID: fig|6666666.171271.peg.2028
CELLO prediction:

(predictor | location    | reliable-index)  
Composition | Extracellular | 0.287        
Di-peptide  | OuterMembrane | 0.501        
part-Comp.  | OuterMembrane | 0.528        
chemo-typy  | Periplasmic   | 0.842        
Neighboring | OuterMembrane | 0.470        

Combined SVM classifier:

Extracellular | 0.910        
OuterMembrane | 1.846 *      
Periplasmic   | 1.274 *      
InnerMembrane | 0.125        
Cytoplasmic  | 0.846        

SeqID: fig|6666666.171271.peg.2029
CELLO prediction:

(predictor | location     | reliable-index)  
Composition | OuterMembrane | 0.510        
Di-peptide  | Cytoplasmic  | 0.421        
part-Comp.  | OuterMembrane | 0.370        
chemo-typy  | Extracellular | 0.411        
Neighboring | Extracellular | 0.500        

Combined SVM classifier:

Extracellular | 1.788 *      
OuterMembrane | 1.693 *      
Periplasmic   | 0.448        
InnerMembrane | 0.188        
Cytoplasmic  | 0.883        

SeqID: fig|6666666.171271.peg.2030
CELLO prediction:

(predictor | location    | reliable-index)  
Composition | Cytoplasmic   | 0.597        
Di-peptide  | Cytoplasmic   | 0.653        
part-Comp.  | Cytoplasmic   | 0.703        
chemo-typy  | Cytoplasmic   | 0.461        
Neighboring | Cytoplasmic   | 0.910        

Combined SVM classifier:

Extracellular | 0.539        
OuterMembrane | 0.460        
Periplasmic   | 0.532        
InnerMembrane | 0.145        
Cytoplasmic  | 3.324 *      

SeqID: fig|6666666.171271.peg.2031
CELLO prediction:
(predictor  location   reliable-index)
Composition          Cytoplasmic 0.337
Di-peptide           Cytoplasmic 0.826
part-Comp.           Cytoplasmic 0.607
chemo-typy           Cytoplasmic 0.353
Neighboring          Cytoplasmic 0.798

Combined SVM classifier:
Extracellular 0.637
OuterMembrane 0.408
Periplasmic 0.650
InnerMembrane 0.385
Cytoplasmic 2.920 *

SeqID: fig|6666666.171271.peg.2032
CELLO prediction:

(predictor  location   reliable-index)
Composition          Cytoplasmic 0.684
Di-peptide           InnerMembrane 0.472
part-Comp.           Cytoplasmic 0.688
chemo-typy           Periplasmic 0.598
Neighboring          Cytoplasmic 0.844

Combined SVM classifier:
Extracellular 0.342
OuterMembrane 0.215
Periplasmic 0.900
InnerMembrane 0.871
Cytoplasmic 2.671 *

SeqID: fig|6666666.171271.peg.2033
CELLO prediction:

(predictor  location   reliable-index)
Composition          Cytoplasmic 0.647
Di-peptide           Cytoplasmic 0.577
part-Comp.           Cytoplasmic 0.751

Combined SVM classifier:
Extracellular 0.901
OuterMembrane 0.355
Periplasmic 0.684
InnerMembrane 0.219
Cytoplasmic 2.842 *

SeqID: fig|6666666.171271.peg.2034
CELLO prediction:

(predictor  location   reliable-index)
Composition          Cytoplasmic 0.647
Di-peptide           Cytoplasmic 0.577
part-Comp.           Cytoplasmic 0.751

Combined SVM classifier:
Extracellular 0.901
OuterMembrane 0.355
Periplasmic 0.684
InnerMembrane 0.219
Cytoplasmic 2.842 *
chemo-typy  Cytoplasmic  0.972  
Neighboring  Cytoplasmic  0.572  

Combined SVM classifier: 
Extracellular  0.465  
OuterMembrane  0.479  
Periplasmic  0.320  
InnerMembrane  0.217  
Cytoplasmic  3.519 * 

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2035
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.769  
Di-peptide  Cytoplasmic  0.896  
part-Comp.  Cytoplasmic  0.714  
chemo-typy  Cytoplasmic  0.577  
Neighboring  Cytoplasmic  0.546  

Combined SVM classifier: 
Extracellular  0.642  
OuterMembrane  0.424  
Periplasmic  0.245  
InnerMembrane  0.188  
Cytoplasmic  3.502 * 

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2036
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  OuterMembrane  0.318  
Di-peptide  OuterMembrane  0.578  
part-Comp.  InnerMembrane  0.261  
chemo-typy  Periplasmic  0.682  
Neighboring  OuterMembrane  0.838  

Combined SVM classifier: 
Extracellular  0.495  
OuterMembrane  2.120 *  
Periplasmic  1.045  
InnerMembrane  0.913  
Cytoplasmic  0.426  

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2037
CELLO prediction: 
(predictor  location   reliable-index)  
Composition  InnerMembrane  0.976  
Di-peptide  InnerMembrane  0.890  
part-Comp.  InnerMembrane  0.979  
chemo-typy  Periplasmic  0.828  
Neighboring  InnerMembrane  0.760  

Combined SVM classifier:
**SeqID: fig|6666666.171271.peg.2038**

CELLO prediction:

(predictor | location | reliable-index)
--- | --- | ---
Composition | Cytoplasmic | 0.349
Di-peptide | OuterMembrane | 0.631
part-Comp. | Cytoplasmic | 0.594
chemo-typy | OuterMembrane | 0.819
Neighboring | OuterMembrane | 0.578

Combined SVM classifier:

Extracellular | 0.566
OuterMembrane | 2.233 *
Periplasmic | 0.316
InnerMembrane | 0.466
Cytoplasmic | 1.418

**SeqID: fig|6666666.171271.peg.2039**

CELLO prediction:

(predictor | location | reliable-index)
--- | --- | ---
Composition | Periplasmic | 0.261
Di-peptide | Cytoplasmic | 0.806
part-Comp. | Cytoplasmic | 0.474
chemo-typy | Periplasmic | 0.845
Neighboring | Cytoplasmic | 0.751

Combined SVM classifier:

Extracellular | 0.517
OuterMembrane | 0.180
Periplasmic | 1.384
InnerMembrane | 0.573
Cytoplasmic | 2.346 *

**SeqID: fig|6666666.171271.peg.2040**

CELLO prediction:

(predictor | location | reliable-index)
--- | --- | ---
Composition | InnerMembrane | 0.532
Di-peptide | InnerMembrane | 0.996
part-Comp. | InnerMembrane | 0.751
chemo-typy | InnerMembrane | 0.998
Neighboring | InnerMembrane | 0.801

Combined SVM classifier:

Extracellular | 0.171
OuterMembrane | 0.128
Periplasmic | 0.199
InnerMembrane | 4.078 *
CELLO prediction:

**SeqID: fig|6666666.171271.peg.2041**

(predictor  location   reliable-index)
Composition  OuterMembrane  0.379
Di-peptide  Extracellular  0.780
part-Comp.  Extracellular  0.712
chemo-typy  Extracellular  0.451
Neighboring  Extracellular  0.613

Combined SVM classifier:
Extracellular  2.897 *
OuterMembrane  0.700
Periplasmic  0.859
InnerMembrane  0.024
Cytoplasmic  0.519

**SeqID: fig|6666666.171271.peg.2042**

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.424
Di-peptide  Extracellular  0.426
part-Comp.  Cytoplasmic  0.732
chemo-typy  Periplasmic  0.472
Neighboring  Cytoplasmic  0.430

Combined SVM classifier:
Extracellular  1.320 *
OuterMembrane  0.827
Periplasmic  0.728
InnerMembrane  0.211
Cytoplasmic  1.913 *

**SeqID: fig|6666666.171271.peg.2043**

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.368
Di-peptide  Cytoplasmic  0.918
part-Comp.  Cytoplasmic  0.650
chemo-typy  Periplasmic  0.480
Neighboring  Cytoplasmic  0.634

Combined SVM classifier:
Extracellular  0.538
OuterMembrane  0.321
Periplasmic  0.976
InnerMembrane  0.223
Cytoplasmic  2.942 *
### CELLO prediction for sequence fig|6666666.171271.peg.2044

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</tr>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.639</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.711</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 2.584 *
- OuterMembrane: 0.685
- Periplasmic: 0.547
- InnerMembrane: 0.081
- Cytoplasmic: 1.104

### CELLO prediction for sequence fig|6666666.171271.peg.2045

<table>
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<th>Location</th>
<th>Reliable-index</th>
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</thead>
<tbody>
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<td>Composition</td>
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<td>0.516</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.502</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.397</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.503</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.675</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 1.960 *
- OuterMembrane: 1.681 *
- Periplasmic: 0.404
- InnerMembrane: 0.099
- Cytoplasmic: 0.856

### CELLO prediction for sequence fig|6666666.171271.peg.2046

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.784</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.996</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.978</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.984</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.994</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.071
- OuterMembrane: 0.049
- Periplasmic: 0.061
- InnerMembrane: 4.737 *
- Cytoplasmic: 0.082

### CELLO prediction for sequence fig|6666666.171271.peg.2047

**CELLO prediction:**
| SeqID: fig|6666666.171271.peg.2048 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor | location       | reliable-index) |
| Composition | Periplasmic    | 0.265           |
| Di-peptide  | Cytoplasmic    | 0.496           |
| part-Comp.  | Cytoplasmic    | 0.437           |
| chemo-typy  | Cytoplasmic    | 0.610           |
| Neighboring | Cytoplasmic    | 0.568           |
| Combined SVM classifier:                                     |
| Extracellular  | 1.064          |
| OuterMembrane | 0.198          |
| Periplasmic   | 0.962           |
| InnerMembrane | 0.417           |
| Cytoplasmic   | 2.359 *        |

| SeqID: fig|6666666.171271.peg.2050 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor | location       | reliable-index) |
| Composition | InnerMembrane  | 0.965           |
| Di-peptide  | InnerMembrane  | 0.998           |
| part-Comp.  | InnerMembrane  | 0.984           |
| chemo-typy  | InnerMembrane  | 0.954           |
| Neighboring | InnerMembrane  | 0.996           |
| Combined SVM classifier:                                     |
| Extracellular  | 0.018          |
| OuterMembrane | 0.036          |
| Periplasmic   | 0.030           |
| InnerMembrane | 4.897 *        |
| Cytoplasmic   | 0.019           |

| SeqID: fig|6666666.171271.peg.2052 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor | location       | reliable-index) |
| Composition | Cytoplasmic    | 0.754           |
| Di-peptide  | Cytoplasmic    | 0.837           |
| part-Comp.  | Cytoplasmic    | 0.707           |
| chemo-typy  | Cytoplasmic    | 0.900           |
| Neighboring | Periplasmic    | 0.700           |
| Combined SVM classifier:                                     |
| Extracellular  | 0.029          |
| OuterMembrane | 0.036          |
| Periplasmic   | 1.209           |
| InnerMembrane | 0.306           |
| Cytoplasmic   | 3.420 *        |

<p>| SeqID: fig|6666666.171271.peg.2052 |
|---------------------------------------------------------------|
| CELLO prediction:                                             |
| (predictor | location       | reliable-index) |
| Composition | Cytoplasmic    | 0.848           |
| Di-peptide  | Cytoplasmic    | 0.709           |
| part-Comp.  | Cytoplasmic    | 0.931           |</p>
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.857</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.803</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.078
- Outer Membrane: 0.040
- Periplasmic: 0.594
- Inner Membrane: 0.140
- Cytoplasmic: 4.148 *

SeqID: fig|6666666.171271.peg.2053

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.275</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.892</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.407</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.902</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.680</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.595
- Outer Membrane: 0.212
- Periplasmic: 0.730
- Inner Membrane: 0.308
- Cytoplasmic: 3.155 *

SeqID: fig|6666666.171271.peg.2054

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.956</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.995</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.827</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>InnerMembrane</td>
<td>0.873</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.976</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.452
- Outer Membrane: 0.167
- Periplasmic: 0.740
- Inner Membrane: 0.190
- Cytoplasmic: 3.451 *

SeqID: fig|6666666.171271.peg.2055

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.956</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.995</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.827</td>
</tr>
<tr>
<td>Chemo-typy</td>
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<tr>
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<td>InnerMembrane</td>
<td>0.976</td>
</tr>
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</table>

**Combined SVM classifier:**
Extracellular 0.093  
OuterMembrane 0.041  
Periplasmic 0.113  
InnerMembrane 4.629 *  
Cytoplasmic 0.124

******
SeqID: fig|6666666.171271.peg.2056
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.460  
Di-peptide InnerMembrane 0.977  
part-Comp. InnerMembrane 0.682  
chemo-typy InnerMembrane 0.751  
Neighboring InnerMembrane 0.828  

Combined SVM classifier:
Extracellular 0.292  
OuterMembrane 0.303  
Periplasmic 0.373  
InnerMembrane 3.698 *  
Cytoplasmic 0.334

******
SeqID: fig|6666666.171271.peg.2057
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.529  
Di-peptide Cytoplasmic 0.696  
part-Comp. Cytoplasmic 0.807  
chemo-typy Cytoplasmic 0.727  
Neighboring Cytoplasmic 0.785  

Combined SVM classifier:
Extracellular 0.520  
OuterMembrane 0.255  
Periplasmic 0.278  
InnerMembrane 0.403  
Cytoplasmic 3.544 *

******
SeqID: fig|6666666.171271.peg.2058
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.750  
Di-peptide InnerMembrane 0.712  
part-Comp. Cytoplasmic 0.384  
chemo-typy InnerMembrane 0.520  
Neighboring InnerMembrane 0.691  

Combined SVM classifier:
Extracellular 0.198  
OuterMembrane 0.138  
Periplasmic 0.652  
InnerMembrane 3.037 *
CELLO prediction:

SeqID: fig|6666666.171271.peg.2059

(predictor  location   reliable-index)
Composition Periplasmic 0.264
Di-peptide InnerMembrane 0.997
part-Comp. Cytoplasmic 0.408
chemo-typy InnerMembrane 0.987
Neighboring Cytoplasmic 0.397

Combined SVM classifier:
Extracellular 0.472
OuterMembrane 0.202
Periplasmic 0.563
InnerMembrane 2.716 *
Cytoplasmic 1.046

SeqID: fig|6666666.171271.peg.2060

(predictor  location   reliable-index)
Composition Cytoplasmic 0.940
Di-peptide Cytoplasmic 0.997
part-Comp. Cytoplasmic 0.978
chemo-typy Cytoplasmic 0.811
Neighboring Cytoplasmic 0.992

Combined SVM classifier:
Extracellular 0.048
OuterMembrane 0.022
Periplasmic 0.185
InnerMembrane 0.028
Cytoplasmic 4.717 *

SeqID: fig|6666666.171271.peg.2061

(predictor  location   reliable-index)
Composition Cytoplasmic 0.279
Di-peptide Cytoplasmic 0.327
part-Comp. Extracellular 0.474
chemo-typy Extracellular 0.616
Neighboring Extracellular 0.561

Combined SVM classifier:
Extracellular 2.011 *
OuterMembrane 0.536
Periplasmic 1.215
InnerMembrane 0.271
Cytoplasmic 0.967
### CELLO prediction:

#### SeqID: fig|6666666.171271.peg.2062

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<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.991</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.897</td>
</tr>
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</table>

**Combined SVM classifier:**

- Extracellular: 0.355
- OuterMembrane: 0.516
- Periplasmic: 0.111
- InnerMembrane: 0.062
- Cytoplasmic: 3.957 *

#### SeqID: fig|6666666.171271.peg.2063

<table>
<thead>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.963</td>
</tr>
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**Combined SVM classifier:**

- Extracellular: 0.060
- OuterMembrane: 0.245
- Periplasmic: 0.224
- InnerMembrane: 0.086
- Cytoplasmic: 4.385 *

#### SeqID: fig|6666666.171271.peg.2064

<table>
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<th>Location</th>
<th>Reliable-index</th>
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<td>Composition</td>
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<td>0.594</td>
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<tr>
<td>Di-peptide</td>
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<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.936</td>
</tr>
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**Combined SVM classifier:**

- Extracellular: 0.126
- OuterMembrane: 0.093
- Periplasmic: 0.136
- InnerMembrane: 4.368 *
- Cytoplasmic: 0.277

#### SeqID: fig|6666666.171271.peg.2065

**CELLO prediction:**
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<th>predictor</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.397</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.511</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.291</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.484</td>
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</tbody>
</table>

Combined SVM classifier:
- Extracellular: 1.121 *
- OuterMembrane: 0.734
- Periplasmic: 1.224 *
- InnerMembrane: 0.372
- Cytoplasmic: 1.549 *

SeqID: fig|6666666.171271.peg.2066

CELLO prediction:
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<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.304</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.620</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.562</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.425</td>
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Combined SVM classifier:
- Extracellular: 0.744
- OuterMembrane: 0.994
- Periplasmic: 0.757
- InnerMembrane: 0.260
- Cytoplasmic: 2.245 *

SeqID: fig|6666666.171271.peg.2067

CELLO prediction:
<table>
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<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.576</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
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</table>

Combined SVM classifier:
- Extracellular: 0.481
- OuterMembrane: 3.188 *
- Periplasmic: 0.211
- InnerMembrane: 0.407
- Cytoplasmic: 0.714

SeqID: fig|6666666.171271.peg.2068

CELLO prediction:
chemo-typy: Extracellular 0.799
Neighboring Cytoplasmic 0.356

Combined SVM classifier:
Extracellular 1.768 *
OuterMembrane 1.168 *
Periplasmic 0.494
InnerMembrane 0.251
Cytoplasmic 1.320 *

SeqID: fig|6666666.171271.peg.2069
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.329
Di-peptide Cytoplasmic 0.575
part-Comp. Periplasmic 0.365
chemo-typy Periplasmic 0.699
Neighboring InnerMembrane 0.273

Combined SVM classifier:
Extracellular 0.622
OuterMembrane 0.462
Periplasmic 1.656 *
InnerMembrane 0.890
Cytoplasmic 1.369 *

SeqID: fig|6666666.171271.peg.2070
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.396
Di-peptide Cytoplasmic 0.752
part-Comp. Cytoplasmic 0.514
chemo-typy Periplasmic 0.544
Neighboring Cytoplasmic 0.806

Combined SVM classifier:
Extracellular 0.651
OuterMembrane 0.428
Periplasmic 0.858
InnerMembrane 0.265
Cytoplasmic 2.798 *

SeqID: fig|6666666.171271.peg.2071
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.462
Di-peptide Cytoplasmic 0.686
part-Comp. Cytoplasmic 0.472
chemo-typy Cytoplasmic 0.623
Neighboring Cytoplasmic 0.398

Combined SVM classifier:
Extracellular 0.553
OuterMembrane 0.430
Periplasmic 0.658
InnerMembrane 0.719
Cytoplasmic 2.640 *

SeqID: fig|6666666.171271.peg.2072
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Periplasmic 0.613
part-Comp. Cytoplasmic 0.352
chemo-typy Cytoplasmic 0.704
Neighboring Extracellular 0.437

Combined SVM classifier:
Extracellular 1.052 *
OuterMembrane 0.299
Periplasmic 1.612 *
InnerMembrane 0.373
Cytoplasmic 1.663 *

SeqID: fig|6666666.171271.peg.2073
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.258
Di-peptide Cytoplasmic 0.812
part-Comp. Cytoplasmic 0.529
chemo-typy Cytoplasmic 0.888
Neighboring Cytoplasmic 0.520

Combined SVM classifier:
Extracellular 0.588
OuterMembrane 0.498
Periplasmic 0.578
InnerMembrane 0.330
Cytoplasmic 3.006 *

SeqID: fig|6666666.171271.peg.2074
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide OuterMembrane 0.635
part-Comp. Cytoplasmic 0.478
chemo-typy Cytoplasmic 0.981
Neighboring Cytoplasmic 0.508

Combined SVM classifier:
Extracellular 0.700
OuterMembrane 0.916
Periplasmic 0.626
InnerMembrane 0.317
<table>
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<th>SeqID: fig</th>
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<td>reliable-index</td>
</tr>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.775</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.618</td>
</tr>
<tr>
<td>chemo-typyr</td>
<td>Extracellular</td>
<td>0.370</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.480</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular 1.050
- OuterMembrane 1.314 *
- Periplasmic 0.539
- InnerMembrane 0.282
- Cytoplasmic 1.815 *

<table>
<thead>
<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.2076</th>
<th>CELLO prediction:</th>
</tr>
</thead>
<tbody>
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<td>Composition</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typyr</td>
<td>Cytoplasmic</td>
<td>0.775</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.354</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular 0.788
- OuterMembrane 0.341
- Periplasmic 1.101
- InnerMembrane 0.509
- Cytoplasmic 2.261 *

<table>
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<tr>
<th>SeqID: fig</th>
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<th>CELLO prediction:</th>
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<tr>
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<tr>
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<td>OuterMembrane</td>
<td>0.945</td>
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</tbody>
</table>

Combined SVM classifier:
- Extracellular 0.792
- OuterMembrane 3.191 *
- Periplasmic 0.421
- InnerMembrane 0.418
- Cytoplasmic 0.178
SeqID: fig|6666666.171271.peg.2078
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.329
Di-peptide Extracellular 0.345
part-Comp. Cytoplasmic 0.627
chemo-typy OuterMembrane 0.721
Neighboring Cytoplasmic 0.360

Combined SVM classifier:
Extracellular 0.781
OuterMembrane 1.336 *
Periplasmic 0.347
InnerMembrane 0.906
Cytoplasmic 1.631 *

SeqID: fig|6666666.171271.peg.2079
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.580
Di-peptide Periplasmic 0.726
part-Comp. Periplasmic 0.531
chemo-typy Periplasmic 0.929
Neighboring Extracellular 0.435

Combined SVM classifier:
Extracellular 0.828
OuterMembrane 0.122
Periplasmic 2.669 *
InnerMembrane 0.161
Cytoplasmic 1.219

SeqID: fig|6666666.171271.peg.2080
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.309
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.544
chemo-typy Cytoplasmic 0.887
Neighboring Cytoplasmic 0.810

Combined SVM classifier:
Extracellular 0.444
OuterMembrane 0.216
Periplasmic 0.511
InnerMembrane 0.297
Cytoplasmic 3.532 *

SeqID: fig|6666666.171271.peg.2081
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.507
Di-peptide Cytoplasmic 0.899
part-Comp. Cytoplasmic 0.814
chemo-typy Cytoplasmic 0.952
Neighboring Cytoplasmic 0.946

Combined SVM classifier:
Extracellular 0.215
OuterMembrane 0.078
Periplasmic 0.354
InnerMembrane 0.236
Cytoplasmic 4.117 *

SeqID: fig|6666666.171271.peg.2082
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.895
Di-peptide Cytoplasmic 0.829
part-Comp. Cytoplasmic 0.831
chemo-typy Cytoplasmic 0.677
Neighboring Cytoplasmic 0.934

Combined SVM classifier:
Extracellular 0.034
OuterMembrane 0.205
Periplasmic 0.242
InnerMembrane 0.352
Cytoplasmic 4.167 *

SeqID: fig|6666666.171271.peg.2083
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.858
Di-peptide Cytoplasmic 0.949
part-Comp. Cytoplasmic 0.708
chemo-typy Cytoplasmic 0.733
Neighboring Cytoplasmic 0.917

Combined SVM classifier:
Extracellular 0.057
OuterMembrane 0.034
Periplasmic 0.131
InnerMembrane 0.612
Cytoplasmic 4.166 *

SeqID: fig|6666666.171271.peg.2084
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.881
Di-peptide Cytoplasmic 0.611
part-Comp. Cytoplasmic 0.837
chemo-typy  Cytoplasmic  0.406
Neighboring  Cytoplasmic  0.658

Combined SVM classifier:
Extracellular  0.167
OuterMembrane  0.107
Periplasmic  1.042
InnerMembrane  0.291
Cytoplasmic  3.393 *

SeqID: fig|6666666.171271.peg.2085
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.664
Di-peptide  Extracellular  0.418
part-Comp.  OuterMembrane  0.647
chemo-typy  Extracellular  0.692
Neighboring  OuterMembrane  0.518

Combined SVM classifier:
Extracellular  1.592 *
OuterMembrane  2.224 *
Periplasmic  0.364
InnerMembrane  0.277
Cytoplasmic  0.543

SeqID: fig|6666666.171271.peg.2086
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.786
Di-peptide  Cytoplasmic  0.910
part-Comp.  Cytoplasmic  0.810
chemo-typy  OuterMembrane  0.678
Neighboring  Cytoplasmic  0.970

Combined SVM classifier:
Extracellular  0.226
OuterMembrane  0.136
Periplasmic  0.453
InnerMembrane  0.204
Cytoplasmic  3.981 *

SeqID: fig|6666666.171271.peg.2087
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.786
Di-peptide  Cytoplasmic  0.641
part-Comp.  Cytoplasmic  0.796
chemo-typy  OuterMembrane  0.678
Neighboring  Cytoplasmic  0.906

Combined SVM classifier:
**CELLO prediction:**

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<tr>
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<th>Location</th>
<th>Reliable-Index</th>
</tr>
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<tbody>
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<td>Composition</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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Combined SVM classifier:

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<td>Extracellular</td>
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<tr>
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<tr>
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<tr>
<td>InnerMembrane</td>
<td>0.112</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.934 *</td>
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**CELLO prediction:**

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<td>0.575</td>
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<td>Cytoplasmic</td>
<td>0.913</td>
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Combined SVM classifier:

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<th>Index</th>
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<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.059</td>
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<tr>
<td>Periplasmic</td>
<td>1.975 *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.642</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.268 *</td>
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**CELLO prediction:**

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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.970</td>
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Combined SVM classifier:

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<th>Index</th>
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<tbody>
<tr>
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**CELLO prediction:**

**SeqID: fig|6666666.171271.peg.2091**

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Combined SVM classifier:

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**SeqID: fig|6666666.171271.peg.2092**

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**SeqID: fig|6666666.171271.peg.2093**

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2094

CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.982
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.999
chemo-typy InnerMembrane 0.987
Neighboring InnerMembrane 0.997

Combined SVM classifier:
Extracellular 0.008
OuterMembrane 0.007
Periplasmic 0.011
InnerMembrane 4.966 *
Cytoplasmic 0.008

****

SeqID: fig|6666666.171271.peg.2095

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.724
Di-peptide Cytoplasmic 0.712
part-Comp. Cytoplasmic 0.430
chemo-typy Cytoplasmic 0.781
Neighboring Cytoplasmic 0.923

Combined SVM classifier:
Extracellular 0.332
OuterMembrane 0.291
Periplasmic 0.366
InnerMembrane 0.440
Cytoplasmic 3.571 *

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SeqID: fig|6666666.171271.peg.2096

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.545
Di-peptide Cytoplasmic 0.871
part-Comp. Cytoplasmic 0.877
chemo-typy Periplasmic 0.429
Neighboring Cytoplasmic 0.948

Combined SVM classifier:
Extracellular 0.411
OuterMembrane 0.090
Periplasmic 0.722
InnerMembrane 0.124
Cytoplasmic 3.652 *

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SeqID: fig|6666666.171271.peg.2097

CELLO prediction:
| SeqID: fig|6666666.171271.peg.2098 |
|--------------------------------------------------|
| CELLO prediction: |
| **(predictor location reliable-index)** |
| Composition | Periplasmic | 0.502 |
| Di-peptide  | Cytoplasmic | 0.903 |
| part-Comp.  | Cytoplasmic | 0.859 |
| chemo-typy  | Cytoplasmic | 0.859 |
| Neighboring | Cytoplasmic | 0.709 |
| Combined SVM classifier: |
| Extracellular | 0.045 |
| OuterMembrane | 0.013 |
| Periplasmic    | 0.956 |
| InnerMembrane  | 0.178 |
| Cytoplasmic    | 3.808 * |

| SeqID: fig|6666666.171271.peg.2099 |
|--------------------------------------------------|
| CELLO prediction: |
| **(predictor location reliable-index)** |
| Composition | Cytoplasmic | 0.899 |
| Di-peptide  | Cytoplasmic | 0.848 |
| part-Comp.  | Cytoplasmic | 0.799 |
| Combined SVM classifier: |
| Extracellular | 0.048 |
| OuterMembrane | 0.095 |
| Periplasmic    | 2.321 * |
| InnerMembrane  | 0.050 |
| Cytoplasmic    | 2.485 * |

| SeqID: fig|6666666.171271.peg.2100 |
|--------------------------------------------------|
| CELLO prediction: |
| **(predictor location reliable-index)** |
| Composition | Cytoplasmic | 0.863 |
| Di-peptide  | Cytoplasmic | 0.618 |
| part-Comp.  | Cytoplasmic | 0.940 |
| chemo-typy  | Periplasmic  | 0.431 |
| Neighboring | Cytoplasmic | 0.814 |
| Combined SVM classifier: |
| Extracellular | 0.103 |
| OuterMembrane | 0.430 |
| Periplasmic    | 0.774 |
| InnerMembrane  | 0.168 |
| Cytoplasmic    | 3.525 * |
chemo-typy  OuterMembrane  0.466
Neighboring  Cytoplasmic  0.980

Combined SVM classifier:
  Extracellular  0.284
  OuterMembrane  0.521
  Periplasmic  0.373
  InnerMembrane  0.090
  Cytoplasmic  3.732 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2101
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.961
Di-peptide  Periplasmic  0.540
part-Comp.  Cytoplasmic  0.813
chemo-typy  Cytoplasmic  0.931
Neighboring  Periplasmic  0.950

Combined SVM classifier:
  Extracellular  0.056
  OuterMembrane  0.362
  Periplasmic  2.643 *
  InnerMembrane  0.048
  Cytoplasmic  1.891

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2102
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.619
Di-peptide  Cytoplasmic  0.924
part-Comp.  Cytoplasmic  0.691
chemo-typy  Cytoplasmic  0.470
Neighboring  Cytoplasmic  0.915

Combined SVM classifier:
  Extracellular  0.405
  OuterMembrane  0.308
  Periplasmic  0.547
  InnerMembrane  0.121
  Cytoplasmic  3.618 *

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******
SeqID: fig|6666666.171271.peg.2103
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.677
Di-peptide  Cytoplasmic  0.896
part-Comp.  Cytoplasmic  0.911
chemo-typy  Cytoplasmic  0.442
Neighboring  Cytoplasmic  0.976

Combined SVM classifier:
Extracellular 0.079
OuterMembrane 0.138
Periplasmic 0.840
InnerMembrane 0.041
Cytoplasmic 3.902 *

SeqID: fig|6666666.171271.peg.2104
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.713
Di-peptide Cytoplasmic 0.867
part-Comp. Cytoplasmic 0.703
chemo-typy Periplasmic 0.646
Neighboring Cytoplasmic 0.734

Combined SVM classifier:
Extracellular 0.350
OuterMembrane 0.188
Periplasmic 1.100
InnerMembrane 0.051
Cytoplasmic 3.311 *

SeqID: fig|6666666.171271.peg.2105
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.786
Di-peptide Cytoplasmic 0.458
part-Comp. Cytoplasmic 0.674
chemo-typy Cytoplasmic 0.404
Neighboring Periplasmic 0.615

Combined SVM classifier:
Extracellular 0.275
OuterMembrane 0.477
Periplasmic 1.463
InnerMembrane 0.125
Cytoplasmic 2.660 *

SeqID: fig|6666666.171271.peg.2106
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.943
Di-peptide Cytoplasmic 0.702
part-Comp. Cytoplasmic 0.987
chemo-typy OuterMembrane 0.504
Neighboring Cytoplasmic 0.975

Combined SVM classifier:
Extracellular 0.117
OuterMembrane 0.536
Periplasmic 0.295
InnerMembrane 0.264
**CELLO prediction:**

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**Combined SVM classifier:**

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**CELLO prediction:**

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**Combined SVM classifier:**

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**CELLO prediction:**

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**Combined SVM classifier:**

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CELLO prediction:

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Composition | Cytoplasmic | 0.723
Di-peptide | Cytoplasmic | 0.828
part-Comp. | Cytoplasmic | 0.900
chemo-typy | Cytoplasmic | 0.754
Neighboring | Cytoplasmic | 0.883

Combined SVM classifier:

Extracellular | 0.304
OuterMembrane | 0.075
Periplasmic | 0.490
InnerMembrane | 0.044
Cytoplasmic | 4.087 *

SeqID: fig|6666666.171271.peg.2111

CELLO prediction:

(predictor | location | reliable-index)
Composition | Cytoplasmic | 0.373
Di-peptide | Cytoplasmic | 0.895
part-Comp. | Cytoplasmic | 0.466
chemo-typy | Cytoplasmic | 0.826
Neighboring | Cytoplasmic | 0.659

Combined SVM classifier:

Extracellular | 0.655
OuterMembrane | 0.221
Periplasmic | 0.634
InnerMembrane | 0.270
Cytoplasmic | 3.220 *

SeqID: fig|6666666.171271.peg.2112

CELLO prediction:

(predictor | location | reliable-index)
Composition | Cytoplasmic | 0.565
Di-peptide | Cytoplasmic | 0.961
part-Comp. | Cytoplasmic | 0.692
chemo-typy | Cytoplasmic | 0.629
Neighboring | Cytoplasmic | 0.685

Combined SVM classifier:

Extracellular | 0.622
OuterMembrane | 0.303
Periplasmic | 0.454
InnerMembrane | 0.089
Cytoplasmic | 3.532 *

SeqID: fig|6666666.171271.peg.2113

CELLO prediction:
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2114
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2115
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2116
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2118

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2119

CELLO prediction:

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SeqID: fig|6666666.171271.peg.2120
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2121
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2122
CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.662</td>
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<td>0.561</td>
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Combined SVM classifier:

<table>
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<tbody>
<tr>
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<td>Outer Membrane</td>
<td>0.260</td>
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<tr>
<td>Periplasmic</td>
<td>0.186</td>
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<tr>
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Cytoplasmic 2.452 *

SeqID: fig|6666666.171271.peg.2123
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.306
Di-peptide Cytoplasmic 0.937
part-Comp. Cytoplasmic 0.469
chemo-typy Periplasmic 0.927
Neighboring Cytoplasmic 0.368

Combined SVM classifier:
Extracellular 0.486
OuterMembrane 0.407
Periplasmic 1.367
InnerMembrane 0.639
Cytoplasmic 2.101 *

SeqID: fig|6666666.171271.peg.2124
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.369
Di-peptide Cytoplasmic 0.575
part-Comp. InnerMembrane 0.387
chemo-typy Periplasmic 0.543
Neighboring InnerMembrane 0.352

Combined SVM classifier:
Extracellular 0.767
OuterMembrane 0.781
Periplasmic 0.900
InnerMembrane 1.024 *
Cytoplasmic 1.527 *

SeqID: fig|6666666.171271.peg.2125
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.265
Di-peptide Extracellular 0.523
part-Comp. Extracellular 0.487
chemo-typy Extracellular 0.499
Neighboring Extracellular 0.849

Combined SVM classifier:
Extracellular 2.588 *
OuterMembrane 1.028
Periplasmic 0.438
InnerMembrane 0.244
Cytoplasmic 0.702
### SeqID: fig|6666666.171271.peg.2126

**CELLO prediction:**

<table>
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<th>Predictor</th>
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<tr>
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<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.392</td>
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</table>

**Combined SVM classifier:**

- Extracellular: 1.633 *
- OuterMembrane: 0.488
- Periplasmic: 1.475 *
- InnerMembrane: 0.259
- Cytoplasmic: 1.145 *

### SeqID: fig|6666666.171271.peg.2127

**CELLO prediction:**

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</table>

**Combined SVM classifier:**

- Extracellular: 0.771
- OuterMembrane: 0.311
- Periplasmic: 0.548
- InnerMembrane: 0.365
- Cytoplasmic: 3.006 *

### SeqID: fig|6666666.171271.peg.2128

**CELLO prediction:**

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**Combined SVM classifier:**

- Extracellular: 2.081 *
- OuterMembrane: 1.314
- Periplasmic: 0.425
- InnerMembrane: 0.187
- Cytoplasmic: 0.992
<table>
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<th>location</th>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2130
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2131
CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2132
CELLO prediction:

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**Combined SVM classifier:**

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SeqID: fig|6666666.171271.peg.2133

**CELLO prediction:**

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**Combined SVM classifier:**

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<tr>
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SeqID: fig|6666666.171271.peg.2134

**CELLO prediction:**

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**Combined SVM classifier:**

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<tr>
<td>InnerMembrane</td>
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<tr>
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SeqID: fig|6666666.171271.peg.2135

**CELLO prediction:**

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<tr>
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**Combined SVM classifier:**
Extracellular 1.727 *
OuterMembrane 1.213 *
Periplasmic 0.498
InnerMembrane 0.442
Cytoplasmic 1.119 *

SeqID: fig|6666666.171271.peg.2136
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.253
Di-peptide Extracellular 0.411
part-Comp. Cytoplasmic 0.487
chemo-typy InnerMembrane 0.368
Neighboring Cytoplasmic 0.843

Combined SVM classifier:
Extracellular 1.148 *
OuterMembrane 0.820
Periplasmic 0.482
InnerMembrane 0.812
Cytoplasmic 1.738 *

SeqID: fig|6666666.171271.peg.2137
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.344
Di-peptide InnerMembrane 0.989
part-Comp. Cytoplasmic 0.374
chemo-typy InnerMembrane 0.562
Neighboring InnerMembrane 0.428

Combined SVM classifier:
Extracellular 0.568
OuterMembrane 0.218
Periplasmic 0.747
InnerMembrane 2.553 *
Cytoplasmic 0.914

SeqID: fig|6666666.171271.peg.2138
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.504
Di-peptide Cytoplasmic 0.741
part-Comp. Cytoplasmic 0.508
chemo-typy Cytoplasmic 0.737
Neighboring Cytoplasmic 0.743

Combined SVM classifier:
Extracellular 0.446
OuterMembrane 0.342
Periplasmic 0.752
InnerMembrane 0.147
Cytoplasmic 3.313 *

SeqID: fig|6666666.171271.peg.2139
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.423
Di-peptide   Cytoplasmic  0.881
part-Comp.   Cytoplasmic  0.370
chemo-typy   Cytoplasmic  0.783
Neighboring  Cytoplasmic  0.463

Combined SVM classifier:
Extracellular 0.849
OuterMembrane 0.173
Periplasmic 0.671
InnerMembrane 0.388
Cytoplasmic 2.920 *

SeqID: fig|6666666.171271.peg.2140
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.563
Di-peptide   Cytoplasmic  0.896
part-Comp.   Cytoplasmic  0.838
chemo-typy   Cytoplasmic  0.676
Neighboring  Cytoplasmic  0.811

Combined SVM classifier:
Extracellular 0.368
OuterMembrane 0.166
Periplasmic 0.457
InnerMembrane 0.224
Cytoplasmic 3.785 *

SeqID: fig|6666666.171271.peg.2141
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.437
Di-peptide   Cytoplasmic  0.393
part-Comp.   Cytoplasmic  0.343
chemo-typy   Cytoplasmic  0.960
Neighboring  Extracellular  0.471

Combined SVM classifier:
Extracellular 1.211
OuterMembrane 0.707
Periplasmic 0.825
InnerMembrane 0.253
Cytoplasmic 2.005 *
SeqID: fig|6666666.171271.peg.2142
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.864
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.989
chemo-typy InnerMembrane 0.999
Neighboring InnerMembrane 0.981

Combined SVM classifier:
Extracellular 0.037
OuterMembrane 0.041
Periplasmic 0.041
InnerMembrane 4.833 *
Cytoplasmic 0.048

SeqID: fig|6666666.171271.peg.2143
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.478
Di-peptide Cytoplasmic 0.818
part-Comp. Cytoplasmic 0.553
chemo-typy Cytoplasmic 0.901
Neighboring Cytoplasmic 0.615

Combined SVM classifier:
Extracellular 0.522
OuterMembrane 0.330
Periplasmic 0.638
InnerMembrane 0.146
Cytoplasmic 3.364 *

SeqID: fig|6666666.171271.peg.2144
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.693
Di-peptide Extracellular 0.325
part-Comp. Periplasmic 0.646
chemo-typy Periplasmic 0.613
Neighboring Periplasmic 0.940

Combined SVM classifier:
Extracellular 0.851
OuterMembrane 0.158
Periplasmic 3.193 *
InnerMembrane 0.441
Cytoplasmic 0.357

SeqID: fig|6666666.171271.peg.2145
CELLO prediction:
<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.879</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.937</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.895</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.789</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.515</td>
</tr>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>4.015 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.823</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.132</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.015</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.014</td>
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SeqID: fig|6666666.171271.peg.2146

CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.315</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.800</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.496</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.471</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.784</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>SVM Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.381</td>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.320</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.866 *</td>
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SeqID: fig|6666666.171271.peg.2147

CELLO prediction:

<table>
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<th>Predictor</th>
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<tr>
<td>Composition</td>
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<td>Di-peptide</td>
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<td>chemo-typy</td>
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<td>0.476</td>
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<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.901</td>
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Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.310</td>
</tr>
<tr>
<td>InnerMembrane</td>
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</tr>
<tr>
<td>Cytoplasmic</td>
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</table>

SeqID: fig|6666666.171271.peg.2148

CELLO prediction:

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
<td>0.983</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.703</td>
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<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
<td>0.577</td>
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chemo-typy OuterMembrane 0.343
Neighboring OuterMembrane 0.742

Combined SVM classifier:
Extracellular 0.869
OuterMembrane 3.348 *
Periplasmic 0.614
InnerMembrane 0.050
Cytoplasmic 0.118

SeqID: fig|6666666.171271.peg.2149
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.888
Di-peptide Cytoplasmic 0.956
part-Comp. Cytoplasmic 0.822
chemo-typy Cytoplasmic 0.921
Neighboring Cytoplasmic 0.754

Combined SVM classifier:
Extracellular 0.160
OuterMembrane 0.150
Periplasmic 0.170
InnerMembrane 0.179
Cytoplasmic 4.341 *

SeqID: fig|6666666.171271.peg.2150
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.789
Di-peptide Cytoplasmic 0.866
part-Comp. Cytoplasmic 0.873
chemo-typy Cytoplasmic 0.803
Neighboring Cytoplasmic 0.881

Combined SVM classifier:
Extracellular 0.285
OuterMembrane 0.180
Periplasmic 0.212
InnerMembrane 0.110
Cytoplasmic 4.213 *

SeqID: fig|6666666.171271.peg.2151
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.441
Di-peptide Periplasmic 0.383
part-Comp. Periplasmic 0.275
chemo-typy Extracellular 0.497
Neighboring Extracellular 0.490

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>CELLO Prediction</th>
<th>SVM Classifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.799</td>
<td>0.546</td>
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<tr>
<td>Outer Membrane</td>
<td>1.001</td>
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</tr>
<tr>
<td>Periplasmic</td>
<td>1.379</td>
<td>0.494</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.430</td>
<td>0.375</td>
</tr>
<tr>
<td>Cytoplasmic</td>
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<td>2.797</td>
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SeqID: fig|6666666.171271.peg.2152

CELLO prediction:

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<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.582</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Outer Membrane</td>
<td>0.375</td>
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<tr>
<td>Part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.946</td>
</tr>
<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.326</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.618</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>SVM Classifier</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.546</td>
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<tr>
<td>Outer Membrane</td>
<td>0.789</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.494</td>
</tr>
<tr>
<td>Inner Membrane</td>
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SeqID: fig|6666666.171271.peg.2153

CELLO prediction:

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<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
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<td>0.344</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.843</td>
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<tr>
<td>Part-Comp.</td>
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<td>Chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.687</td>
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Combined SVM classifier:

<table>
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<th>Location</th>
<th>SVM Classifier</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.367</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.321</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.316</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.399</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.597</td>
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SeqID: fig|6666666.171271.peg.2154

CELLO prediction:

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<th>Location</th>
<th>Reliable Index</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.669</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.441</td>
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<td>Part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Chemo-typy</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
<td>0.782</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>SVM Classifier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.250</td>
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<tr>
<td>Outer Membrane</td>
<td>0.442</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.714</td>
</tr>
<tr>
<td>Inner Membrane</td>
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</tr>
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</table>
**Cytoplasmic 2.948 *

SeqID: fig|6666666.171271.peg.2155

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.844
Di-peptide Cytoplasmic 0.959
part-Comp. Cytoplasmic 0.926
chemo-typy Cytoplasmic 0.728
Neighboring Cytoplasmic 0.949

Combined SVM classifier:

Extracellular 0.189
OuterMembrane 0.043
Periplasmic 0.264
InnerMembrane 0.099
Cytoplasmic 4.405 *

SeqID: fig|6666666.171271.peg.2156

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.602
Di-peptide Cytoplasmic 0.885
part-Comp. Cytoplasmic 0.813
chemo-typy Cytoplasmic 0.780
Neighboring Cytoplasmic 0.771

Combined SVM classifier:

Extracellular 0.065
OuterMembrane 0.030
Periplasmic 0.556
InnerMembrane 0.499
Cytoplasmic 3.850 *

SeqID: fig|6666666.171271.peg.2157

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.491
Di-peptide Cytoplasmic 0.665
part-Comp. Periplasmic 0.809
chemo-typy Cytoplasmic 0.800
Neighboring Periplasmic 0.665

Combined SVM classifier:

Extracellular 0.046
OuterMembrane 0.072
Periplasmic 2.323 *
InnerMembrane 0.198
Cytoplasmic 2.361 *
CELLO prediction:

**SeqID: fig|6666666.171271.peg.2158**

(predictor  location   reliable-index)
Composition OuterMembrane 0.742
Di-peptide OuterMembrane 0.771
part-Comp. Extracellular 0.473
chemo-typy OuterMembrane 0.720
Neighboring OuterMembrane 0.864

Combined SVM classifier:
Extracellular 1.112
OuterMembrane 3.464 *
Periplasmic 0.144
InnerMembrane 0.117
Cytoplasmic 0.164

**SeqID: fig|6666666.171271.peg.2159**

(predictor  location   reliable-index)
Composition Cytoplasmic 0.462
Di-peptide Cytoplasmic 0.571
part-Comp. Cytoplasmic 0.720
chemo-typy Cytoplasmic 0.908
Neighboring Cytoplasmic 0.786

Combined SVM classifier:
Extracellular 0.509
OuterMembrane 0.480
Periplasmic 0.322
InnerMembrane 0.242
Cytoplasmic 3.446 *

**SeqID: fig|6666666.171271.peg.2160**

(predictor  location   reliable-index)
Composition Extracellular 0.602
Di-peptide Cytoplasmic 0.683
part-Comp. Extracellular 0.482
chemo-typy Cytoplasmic 0.399
Neighboring Extracellular 0.406

Combined SVM classifier:
Extracellular 1.788 *
OuterMembrane 0.696
Periplasmic 0.537
InnerMembrane 0.266
Cytoplasmic 1.713 *

**SeqID: fig|6666666.171271.peg.2161**

CELLO prediction:
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<th>CELLO prediction:</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.709</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.447</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.569</td>
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</table>

Combined SVM classifier:

- Extracellular: 0.547
- OuterMembrane: 1.547
- Periplasmic: 0.397
- InnerMembrane: 0.111
- Cytoplasmic: 2.398 *

<table>
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<tr>
<th>SeqID: fig</th>
<th>6666666.171271.peg.2163</th>
<th>CELLO prediction:</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Extracellular</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.359</td>
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</table>

Combined SVM classifier:

- Extracellular: 1.008
- OuterMembrane: 0.773
- Periplasmic: 0.729
- InnerMembrane: 0.288
- Cytoplasmic: 2.202 *
chemo-typy	OuterMembrane 0.430
Neighboring	Cytoplasmic 0.712

Combined SVM classifier:
Extracellular 0.686
OuterMembrane 1.410
Periplasmic 0.264
InnerMembrane 0.182
Cytoplasmic 2.459 *

**********************************************************************
******
SeqID: fig|6666666.171271.peg.2165
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.854
Di-peptide Cytoplasmic 0.902
part-Comp. Cytoplasmic 0.973
chemo-typy Cytoplasmic 0.483
Neighboring Cytoplasmic 0.959

Combined SVM classifier:
Extracellular 0.104
OuterMembrane 0.191
Periplasmic 0.467
InnerMembrane 0.068
Cytoplasmic 4.170 *

**********************************************************************
******
SeqID: fig|6666666.171271.peg.2166
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.310
Di-peptide Cytoplasmic 0.468
part-Comp. Periplasmic 0.599
chemo-typy OuterMembrane 0.679
Neighboring Periplasmic 0.841

Combined SVM classifier:
Extracellular 0.835
OuterMembrane 0.922
Periplasmic 2.244 *
InnerMembrane 0.207
Cytoplasmic 0.792

**********************************************************************
******
SeqID: fig|6666666.171271.peg.2167
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.820
Di-peptide OuterMembrane 0.858
part-Comp. OuterMembrane 0.444
chemo-typy Extracellular 0.856
Neighboring OuterMembrane 0.929

Combined SVM classifier:
Extracellular 1.435
OuterMembrane 3.067 *
Periplasmic 0.241
InnerMembrane 0.146
Cytoplasmic 0.111

SeqID: fig|666666.171271.peg.2168
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.443
Di-peptide Cytoplasmic 0.631
part-Comp. Cytoplasmic 0.696
chemo-typy Periplasmic 0.906
Neighboring Cytoplasmic 0.781

Combined SVM classifier:
Extracellular 0.464
OuterMembrane 0.440
Periplasmic 1.318
InnerMembrane 0.167
Cytoplasmic 2.611 *

SeqID: fig|666666.171271.peg.2169
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.473
Di-peptide OuterMembrane 0.740
part-Comp. Extracellular 0.411
chemo-typy InnerMembrane 0.378
Neighboring InnerMembrane 0.838

Combined SVM classifier:
Extracellular 1.211 *
OuterMembrane 1.437 *
Periplasmic 0.318
InnerMembrane 1.713 *
Cytoplasmic 0.321

SeqID: fig|666666.171271.peg.2170
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.804
Di-peptide Periplasmic 0.555
part-Comp. Periplasmic 0.487
chemo-typy Cytoplasmic 0.414
Neighboring Periplasmic 0.681

Combined SVM classifier:
Extracellular 0.677
OuterMembrane 0.112
Periplasmic 2.698 *
InnerMembrane 0.083
Cytoplasmic 1.431

SeqID: fig|6666666.171271.peg.2171
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.330
Di-peptide InnerMembrane 0.833
part-Comp. Cytoplasmic 0.473
chemo-typy InnerMembrane 0.748
Neighboring InnerMembrane 0.477

Combined SVM classifier:
Extracellular 0.372
OuterMembrane 0.881
Periplasmic 0.249
InnerMembrane 2.600 *
Cytoplasmic 0.898

SeqID: fig|6666666.171271.peg.2172
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.456
Di-peptide Cytoplasmic 0.973
part-Comp. Cytoplasmic 0.597
chemo-typy Cytoplasmic 0.646
Neighboring Cytoplasmic 0.742

Combined SVM classifier:
Extracellular 0.379
OuterMembrane 0.221
Periplasmic 0.708
InnerMembrane 0.277
Cytoplasmic 3.414 *

SeqID: fig|6666666.171271.peg.2173
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.256
Di-peptide Cytoplasmic 0.840
part-Comp. Cytoplasmic 0.379
chemo-typy Cytoplasmic 0.777
Neighboring Cytoplasmic 0.567

Combined SVM classifier:
Extracellular 0.639
OuterMembrane 0.498
Periplasmic 0.774
InnerMembrane 0.270
Cytoplasmic 2.819 *
### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Inner Membrane</td>
<td>0.967</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
<td>0.998</td>
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<tr>
<td>part-Comp.</td>
<td>Inner Membrane</td>
<td>0.991</td>
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<tr>
<td>chemo-typy</td>
<td>Inner Membrane</td>
<td>0.990</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Inner Membrane</td>
<td>0.990</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.008
- Outer Membrane: 0.023
- Periplasmic: 0.015
- Inner Membrane: 4.937 *
- Cytoplasmic: 0.017


### CELLO prediction:

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
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<tbody>
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<td>Composition</td>
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<tr>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.770</td>
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</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.629
- Outer Membrane: 0.199
- Periplasmic: 0.530
- Inner Membrane: 0.290
- Cytoplasmic: 3.352 *


### CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
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</tr>
</thead>
<tbody>
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<td>Di-peptide</td>
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<tr>
<td>Neighboring</td>
<td>Outer Membrane</td>
<td>0.478</td>
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**Combined SVM classifier:**

- Extracellular: 1.688 *
- Outer Membrane: 1.627 *
- Periplasmic: 0.441
- Inner Membrane: 0.350
- Cytoplasmic: 0.894
(predictor  location   reliable-index)
Composition InnerMembrane 0.287
Di-peptide InnerMembrane 0.933
part-Comp. InnerMembrane 0.429
chemo-typy InnerMembrane 0.982
Neighboring InnerMembrane 0.556

Combined SVM classifier:
Extracellular 0.325
OuterMembrane 0.344
Periplasmic 0.373
InnerMembrane 3.187 *
Cytoplasmic 0.771

SeqID: fig|6666666.171271.peg.2178
CELLO prediction:
Composition Cytoplasmic 0.476
Di-peptide OuterMembrane 0.470
part-Comp. Extracellular 0.555
chemo-typy Cytoplasmic 0.468
Neighboring Extracellular 0.597

Combined SVM classifier:
Extracellular 1.747 *
OuterMembrane 0.792
Periplasmic 0.546
InnerMembrane 0.269
Cytoplasmic 1.646 *

SeqID: fig|6666666.171271.peg.2179
CELLO prediction:
Composition Cytoplasmic 0.878
Di-peptide Cytoplasmic 0.986
part-Comp. Cytoplasmic 0.919
chemo-typy Cytoplasmic 0.505
Neighboring Cytoplasmic 0.972

Combined SVM classifier:
Extracellular 0.314
OuterMembrane 0.252
Periplasmic 0.117
InnerMembrane 0.058
Cytoplasmic 4.260 *

SeqID: fig|6666666.171271.peg.2180
CELLO prediction:
Composition Cytoplasmic 0.608
Di-peptide Cytoplasmic 0.767
part-Comp. Cytoplasmic 0.545
<table>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
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<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.910</td>
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**Combined SVM classifier:**
- Extracellular 0.068
- OuterMembrane 0.211
- Periplasmic 0.204
- InnerMembrane 0.096
- Cytoplasmic 4.421 *

*****
SeqID: fig|6666666.171271.peg.2182

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<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
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<td>Periplasmic</td>
<td>0.692</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.677</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**
- Extracellular 0.597
- OuterMembrane 0.593
- Periplasmic 0.889
- InnerMembrane 0.203
- Cytoplasmic 2.719 *

*****
SeqID: fig|6666666.171271.peg.2183

<table>
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<tr>
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<tr>
<td>Composition</td>
<td>Periplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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</tr>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.407</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.652</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.454</td>
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**Combined SVM classifier:**
<table>
<thead>
<tr>
<th>Location</th>
<th>Score</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.339</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.199</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.394</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.347</td>
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</table>

SeqID: fig|6666666.171271.peg.2184
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.987
Di-peptide Cytoplasmic 0.982
part-Comp. Cytoplasmic 0.993
chemo-typy Cytoplasmic 0.983
Neighboring Cytoplasmic 0.995

Combined SVM classifier:
Extracellular 0.013
OuterMembrane 0.013
Periplasmic 0.024
InnerMembrane 0.012
Cytoplasmic 4.939

SeqID: fig|6666666.171271.peg.2185
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.400
Di-peptide Cytoplasmic 0.573
part-Comp. Cytoplasmic 0.683
chemo-typy Cytoplasmic 0.713
Neighboring Cytoplasmic 0.744

Combined SVM classifier:
Extracellular 0.393
OuterMembrane 0.119
Periplasmic 1.231
InnerMembrane 0.144
Cytoplasmic 3.113

SeqID: fig|6666666.171271.peg.2186
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.570
Di-peptide InnerMembrane 0.986
part-Comp. InnerMembrane 0.933
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 0.965

Combined SVM classifier:
Extracellular 0.154
OuterMembrane 0.070
Periplasmic 0.146
InnerMembrane 4.451
Cytoplasmic 0.179

SeqID: fig|6666666.171271.peg.2187
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.866
Di-peptide     Cytoplasmic   0.609
part-Comp.     Cytoplasmic   0.973
chemo-typy     Periplasmic   0.509
Neighboring    Cytoplasmic   0.825

Combined SVM classifier:
Extracellular   0.106
OuterMembrane   0.378
Periplasmic      0.762
InnerMembrane   0.210
Cytoplasmic     3.543 *

SeqID: fig|6666666.171271.peg.2188
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.965
Di-peptide     Cytoplasmic   0.970
part-Comp.     Cytoplasmic   0.973
chemo-typy     Cytoplasmic   0.524
Neighboring    Cytoplasmic   0.955

Combined SVM classifier:
Extracellular   0.048
OuterMembrane   0.206
Periplasmic      0.331
InnerMembrane   0.030
Cytoplasmic     4.387 *

SeqID: fig|6666666.171271.peg.2189
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.967
Di-peptide     Cytoplasmic   0.966
part-Comp.     Cytoplasmic   0.924
chemo-typy     Cytoplasmic   0.764
Neighboring    Cytoplasmic   0.941

Combined SVM classifier:
Extracellular   0.044
OuterMembrane   0.037
Periplasmic      0.242
InnerMembrane   0.116
Cytoplasmic     4.562 *
SeqID: fig|6666666.171271.peg.2190

CELLO prediction:

(predictor  location   reliable-index)
Composition    Cytoplasmic  0.636
Di-peptide     Cytoplasmic  0.872
part-Comp.     Cytoplasmic  0.888
chemo-typy     Cytoplasmic  0.952
Neighboring    Cytoplasmic  0.948

Combined SVM classifier:

Extracellular  0.199
OuterMembrane  0.135
Periplasmic     0.173
InnerMembrane  0.198
Cytoplasmic    4.296 *

SeqID: fig|6666666.171271.peg.2191

CELLO prediction:

(predictor  location   reliable-index)
Composition    Cytoplasmic  0.374
Di-peptide     Cytoplasmic  0.975
part-Comp.     Cytoplasmic  0.453
chemo-typy     Cytoplasmic  0.882
Neighboring    Cytoplasmic  0.809

Combined SVM classifier:

Extracellular  0.309
OuterMembrane  0.173
Periplasmic     0.749
InnerMembrane  0.278
Cytoplasmic    3.492 *

SeqID: fig|6666666.171271.peg.2192

CELLO prediction:

(predictor  location   reliable-index)
Composition    Cytoplasmic  0.954
Di-peptide     Cytoplasmic  0.702
part-Comp.     Cytoplasmic  0.966
chemo-typy     Cytoplasmic  0.958
Neighboring    Cytoplasmic  0.967

Combined SVM classifier:

Extracellular  0.010
OuterMembrane  0.023
Periplasmic     0.051
InnerMembrane  0.367
Cytoplasmic    4.548 *

SeqID: fig|6666666.171271.peg.2193

CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.379
Di-peptide OuterMembrane 0.447
part-Comp. OuterMembrane 0.690
chemo-typy OuterMembrane 0.577
Neighboring OuterMembrane 0.392

Combined SVM classifier:
Extracellular 0.620
OuterMembrane 2.485 *
Periplasmic 0.520
InnerMembrane 0.192
Cytoplasmic 1.183

SeqID: fig|6666666.171271.peg.2194
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.311
Di-peptide Cytoplasmic 0.461
part-Comp. Cytoplasmic 0.494
chemo-typy Cytoplasmic 0.890
Neighboring Cytoplasmic 0.741

Combined SVM classifier:
Extracellular 0.814
OuterMembrane 0.243
Periplasmic 0.834
InnerMembrane 0.212
Cytoplasmic 2.897 *

SeqID: fig|6666666.171271.peg.2195
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.949
Di-peptide Cytoplasmic 0.986
part-Comp. Cytoplasmic 0.997
chemo-typy Cytoplasmic 0.905
Neighboring Cytoplasmic 0.991

Combined SVM classifier:
Extracellular 0.015
OuterMembrane 0.024
Periplasmic 0.078
InnerMembrane 0.055
Cytoplasmic 4.828 *

SeqID: fig|6666666.171271.peg.2196
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.419
Di-peptide OuterMembrane 0.875
part-Comp. Extracellular 0.713
chemo-typy Extracellular 0.876
Neighboring OuterMembrane 0.798

Combined SVM classifier:
Extracellular 2.109 *
OuterMembrane 2.409 *
Periplasmic 0.217
InnerMembrane 0.117
Cytoplasmic 0.148

SeqID: fig|6666666.171271.peg.2197
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.314
Di-peptide Extracellular 0.373
part-Comp. Cytoplasmic 0.643
chemo-typy Cytoplasmic 0.519
Neighboring Periplasmic 0.599

Combined SVM classifier:
Extracellular 0.732
OuterMembrane 0.394
Periplasmic 1.656 *
InnerMembrane 0.225
Cytoplasmic 1.994 *

SeqID: fig|6666666.171271.peg.2198
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.470
Di-peptide Extracellular 0.431
part-Comp. Cytoplasmic 0.454
chemo-typy Periplasmic 0.618
Neighboring Cytoplasmic 0.526

Combined SVM classifier:
Extracellular 1.329 *
OuterMembrane 0.449
Periplasmic 1.156 *
InnerMembrane 0.232
Cytoplasmic 1.834 *

SeqID: fig|6666666.171271.peg.2199
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.849
Di-peptide Cytoplasmic 0.605
part-Comp. Cytoplasmic 0.832
chemo-typy Cytoplasmic 0.796
Neighboring Cytoplasmic 0.928

Combined SVM classifier:
Extracellular 0.234
OuterMembrane 0.063
Periplasmic 0.252
InnerMembrane 0.441
Cytoplasmic 4.009 *

SeqID: fig|666666.171271.peg.2200
CELLU prediction:
(predictor location reliable-index)
Composition Periplasmic 0.262
Di-peptide Cytoplasmic 0.730
part-Comp. Cytoplasmic 0.550
chemo-ttypy Periplasmic 0.581
Neighboring Cytoplasmic 0.772

Combined SVM classifier:
Extracellular 0.633
OuterMembrane 0.404
Periplasmic 1.083
InnerMembrane 0.346
Cytoplasmic 2.533 *

SeqID: fig|666666.171271.peg.2201
CELLU prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.378
Di-peptide Cytoplasmic 0.530
part-Comp. Cytoplasmic 0.609
chemo-ttypy Cytoplasmic 0.722
Neighboring Cytoplasmic 0.861

Combined SVM classifier:
Extracellular 0.801
OuterMembrane 0.492
Periplasmic 0.335
InnerMembrane 0.273
Cytoplasmic 3.099 *

SeqID: fig|666666.171271.peg.2202
CELLU prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.620
part-Comp. Cytoplasmic 0.477
chemo-ttypy Cytoplasmic 0.562
Neighboring OuterMembrane 0.425

Combined SVM classifier:
Extracellular 0.744
OuterMembrane 0.994
Periplasmic 0.757
InnerMembrane 0.260
Cytoplasmic 2.245 *

SeqID: fig|6666666.171271.peg.2203
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.631
Di-peptide Cytoplasmic 0.711
part-Comp. Cytoplasmic 0.702
chemo-typy Cytoplasmic 0.514
Neighboring Cytoplasmic 0.686

Combined SVM classifier:
Extracellular 0.409
OuterMembrane 0.671
Periplasmic 0.382
InnerMembrane 0.293
Cytoplasmic 3.245 *

SeqID: fig|6666666.171271.peg.2204
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.974
Di-peptide Cytoplasmic 0.375
part-Comp. Cytoplasmic 0.888
chemo-typy Periplasmic 0.499
Neighboring Cytoplasmic 0.480

Combined SVM classifier:
Extracellular 0.521
OuterMembrane 0.097
Periplasmic 1.255
InnerMembrane 0.080
Cytoplasmic 3.047 *

SeqID: fig|6666666.171271.peg.2205
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.276
Di-peptide Cytoplasmic 0.835
part-Comp. Cytoplasmic 0.512
chemo-typy Cytoplasmic 0.951
Neighboring Cytoplasmic 0.446

Combined SVM classifier:
Extracellular 0.604
OuterMembrane 0.332
Periplasmic 0.777
InnerMembrane 0.266
Cytoplasmic 3.020 *
SeqID: fig|6666666.171271.peg.2206

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.660
Di-peptide Cytoplasmic 0.987
part-Comp. Cytoplasmic 0.975
chemo-typy Cytoplasmic 0.555
Neighboring Cytoplasmic 0.964

Combined SVM classifier:
Extracellular 0.209
OuterMembrane 0.336
Periplasmic 0.233
InnerMembrane 0.081
Cytoplasmic 4.141 *

SeqID: fig|6666666.171271.peg.2207

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.492
Di-peptide Cytoplasmic 0.481
part-Comp. Cytoplasmic 0.677
chemo-typy Cytoplasmic 0.563
Neighboring Cytoplasmic 0.582

Combined SVM classifier:
Extracellular 0.835
OuterMembrane 0.606
Periplasmic 0.594
InnerMembrane 0.170
Cytoplasmic 2.796 *

SeqID: fig|6666666.171271.peg.2208

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.393
Di-peptide Extracellular 0.378
part-Comp. Cytoplasmic 0.815
chemo-typy OuterMembrane 0.354
Neighboring Cytoplasmic 0.873

Combined SVM classifier:
Extracellular 0.870
OuterMembrane 0.876
Periplasmic 0.419
InnerMembrane 0.513
Cytoplasmic 2.322 *

SeqID: fig|6666666.171271.peg.2209

CELLO prediction:
CELLO prediction:

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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.691</td>
</tr>
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Combined SVM classifier:

- Extracellular: 0.890
- OuterMembrane: 0.255
- Periplasmic: 0.355
- InnerMembrane: 0.130
- Cytoplasmic: 3.370 *

SeqID: fig|6666666.171271.peg.2210

CELLO prediction:

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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.587</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.568</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.490</td>
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Combined SVM classifier:

- Extracellular: 0.790
- OuterMembrane: 0.403
- Periplasmic: 0.461
- InnerMembrane: 0.321
- Cytoplasmic: 3.024 *

SeqID: fig|6666666.171271.peg.2211

CELLO prediction:

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<th>reliable-index</th>
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<td>Di-peptide</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.534</td>
</tr>
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</table>

Combined SVM classifier:

- Extracellular: 0.173
- OuterMembrane: 0.112
- Periplasmic: 0.526
- InnerMembrane: 2.108 *
- Cytoplasmic: 2.081 *

SeqID: fig|6666666.171271.peg.2212

CELLO prediction:

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<th>location</th>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.789</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.534</td>
</tr>
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</table>
cheto-typy Cytoplasmic 0.587
Neighboring OuterMembrane 0.472

Combined SVM classifier:
Extracellular 0.744
OuterMembrane 0.826
Periplasmic 0.651
InnerMembrane 0.238
Cytoplasmic 2.540 *

SeqID: fig|6666666.171271.peg.2213
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.479
Di-peptide Cytoplasmic 0.943
part-Comp. Cytoplasmic 0.677
cheto-typy Cytoplasmic 0.597
Neighboring Cytoplasmic 0.914

Combined SVM classifier:
Extracellular 0.300
OuterMembrane 0.146
Periplasmic 0.664
InnerMembrane 0.280
Cytoplasmic 3.610 *

SeqID: fig|6666666.171271.peg.2214
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.446
Di-peptide OuterMembrane 0.622
part-Comp. Cytoplasmic 0.638
cheto-typy Extracellular 0.613
Neighboring Cytoplasmic 0.760

Combined SVM classifier:
Extracellular 1.131
OuterMembrane 1.042
Periplasmic 0.385
InnerMembrane 0.270
Cytoplasmic 2.172 *

SeqID: fig|6666666.171271.peg.2215
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.492
Di-peptide Cytoplasmic 0.724
part-Comp. Cytoplasmic 0.789
cheto-typy Cytoplasmic 0.597
Neighboring Cytoplasmic 0.944

Combined SVM classifier:
Extracellular 0.567
OuterMembrane 0.469
Periplasmic 0.281
InnerMembrane 0.137
Cytoplasmic 3.546 *

SeqID: fig|6666666.171271.peg.2216
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.531
Di-peptide OuterMembrane 0.336
part-Comp. Extracellular 0.357
chemo-typy Periplasmic 0.496
Neighboring Cytoplasmic 0.782

Combined SVM classifier:
Extracellular 0.754
OuterMembrane 1.065
Periplasmic 0.693
InnerMembrane 0.337
Cytoplasmic 2.152 *

SeqID: fig|6666666.171271.peg.2217
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.689
Di-peptide Extracellular 0.375
part-Comp. Periplasmic 0.741
chemo-typy Periplasmic 0.625
Neighboring Periplasmic 0.857

Combined SVM classifier:
Extracellular 1.139
OuterMembrane 0.198
Periplasmic 3.181 *
InnerMembrane 0.183
Cytoplasmic 0.300

SeqID: fig|6666666.171271.peg.2218
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.911
Di-peptide Cytoplasmic 0.825
part-Comp. Cytoplasmic 0.986
chemo-typy Cytoplasmic 0.492
Neighboring Cytoplasmic 0.982

Combined SVM classifier:
Extracellular 0.061
OuterMembrane 0.149
Periplasmic 0.518
InnerMembrane 0.075
Celloscope prediction results:

**SeqID: fig|6666666.171271.peg.2219**

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic 0.454
Di-peptide   OuterMembrane 0.606
part-Comp.   Cytoplasmic 0.690
chemo-typy   Cytoplasmic 0.431
Neighboring  Cytoplasmic 0.889

Combined SVM classifier:

Extracellular 0.353
OuterMembrane 1.423
Periplasmic 0.245
InnerMembrane 0.221
Cytoplasmic 2.758 *

**SeqID: fig|6666666.171271.peg.2220**

CELLO prediction:

(predictor  location   reliable-index)
Composition  InnerMembrane 0.996
Di-peptide   InnerMembrane 1.000
part-Comp.   InnerMembrane 1.000
chemo-typy   InnerMembrane 0.993
Neighboring  InnerMembrane 0.999

Combined SVM classifier:

Extracellular 0.002
OuterMembrane 0.004
Periplasmic 0.004
InnerMembrane 4.988 *
Cytoplasmic 0.003

**SeqID: fig|6666666.171271.peg.2221**

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic 0.706
Di-peptide   Cytoplasmic 0.945
part-Comp.   Cytoplasmic 0.864
chemo-typy   Cytoplasmic 0.942
Neighboring  Cytoplasmic 0.976

Combined SVM classifier:

Extracellular 0.339
OuterMembrane 0.119
Periplasmic 0.068
InnerMembrane 0.039
Cytoplasmic 4.434 *
### SeqID: fig|6666666.171271.peg.2222

**CELLO prediction:**

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<th>Location</th>
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<td>0.972</td>
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**Combined SVM classifier:**

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<tr>
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<tr>
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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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### SeqID: fig|6666666.171271.peg.2223

**CELLO prediction:**

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<td>Composition</td>
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<td>Di-peptide</td>
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**Combined SVM classifier:**

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### SeqID: fig|6666666.171271.peg.2224

**CELLO prediction:**

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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<tr>
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<td>0.960</td>
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**Combined SVM classifier:**

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<tr>
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### SeqID: fig|6666666.171271.peg.2225

**CELLO prediction:**
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.863
Di-peptide Cytoplasmic 0.934
part-Comp. Cytoplasmic 0.917
chemo-typy Periplasmic 0.458
Neighboring Cytoplasmic 0.977

Combined SVM classifier:
Extracellular 0.214
OuterMembrane 0.060
Periplasmic 0.511
InnerMembrane 0.143
Cytoplasmic 4.072 *

SeqID: fig|6666666.171271.peg.2227
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.488
Di-peptide OuterMembrane 0.516
part-Comp. Cytoplasmic 0.500
chemo-typy Cytoplasmic 0.543
Neighboring Cytoplasmic 0.709

Combined SVM classifier:
Extracellular 0.944
OuterMembrane 1.052
Periplasmic 0.267
InnerMembrane 0.140
Cytoplasmic 2.597 *

SeqID: fig|6666666.171271.peg.2228
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.307
Di-peptide Cytoplasmic 0.950
part-Comp. Cytoplasmic 0.739
chemo-typy  Cytoplasmic  0.735  
Neighboring  Cytoplasmic  0.893  

Combined SVM classifier:
Extracellular  0.267  
OuterMembrane  0.150  
Periplasmic  0.590  
InnerMembrane  0.368  
Cytoplasmic  3.624 *

-------------------------------------------------------------------
******

SeqID: fig|6666666.171271.peg.2229
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.328  
Di-peptide   Cytoplasmic  0.487  
part-Comp.    Extracellular  0.445  
chemo-typy   Extracellular  0.464  
Neighboring  Extracellular  0.380  

Combined SVM classifier:
Extracellular  1.966 *  
OuterMembrane  0.580  
Periplasmic  0.995  
InnerMembrane  0.195  
Cytoplasmic  1.264  

***************************************************************************
******

SeqID: fig|6666666.171271.peg.2230
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.451  
Di-peptide   OuterMembrane  0.418  
part-Comp.    OuterMembrane  0.751  
chemo-typy   OuterMembrane  0.373  
Neighboring  OuterMembrane  0.936  

Combined SVM classifier:
Extracellular  0.875  
OuterMembrane  2.930 *  
Periplasmic  0.330  
InnerMembrane  0.350  
Cytoplasmic  0.515  

***************************************************************************
******

SeqID: fig|6666666.171271.peg.2231
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.588  
Di-peptide   Cytoplasmic  0.672  
part-Comp.    InnerMembrane  0.805  
chemo-typy   Cytoplasmic  0.826  
Neighboring  Cytoplasmic  0.485  

Combined SVM classifier:
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<tr>
<td>OuterMembrane</td>
<td>0.419</td>
</tr>
<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>1.939 *</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.251 *</td>
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**SeqID: fig|6666666.171271.peg.2232**

**CELLO prediction:**

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<td>chemo-typy</td>
<td>OuterMembrane</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.439</td>
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**Combined SVM classifier:**

- Extracellular: 1.272 *
- OuterMembrane: 1.795 *
- Periplasmic: 0.475
- InnerMembrane: 0.530
- Cytoplasmic: 0.928

---

**SeqID: fig|6666666.171271.peg.2233**

**CELLO prediction:**

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<th>Predictor</th>
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<tr>
<td>Composition</td>
<td>InnerMembrane</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<tr>
<td>part-Comp.</td>
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<tr>
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**Combined SVM classifier:**

- Extracellular: 0.261
- OuterMembrane: 1.100
- Periplasmic: 0.710
- InnerMembrane: 2.397 *
- Cytoplasmic: 0.532

---

**SeqID: fig|6666666.171271.peg.2234**

**CELLO prediction:**

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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.347</td>
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**Combined SVM classifier:**

- Extracellular: 1.051
- OuterMembrane: 0.354
- Periplasmic: 1.131
- InnerMembrane: 0.329
Cytoplasmic 2.135 *

SeqID: fig|6666666.171271.peg.2235
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.961
Di-peptide OuterMembrane 0.925
part-Comp. OuterMembrane 0.964
chemo-typy OuterMembrane 0.820
Neighboring OuterMembrane 0.880

Combined SVM classifier:
Extracellular 0.122
OuterMembrane 4.550 *
Periplasmic 0.066
InnerMembrane 0.204
Cytoplasmic 0.057

SeqID: fig|6666666.171271.peg.2236
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.383
Di-peptide Cytoplasmic 0.979
part-Comp. Cytoplasmic 0.875
chemo-typy Cytoplasmic 0.945
Neighboring Cytoplasmic 0.637

Combined SVM classifier:
Extracellular 0.431
OuterMembrane 0.225
Periplasmic 0.348
InnerMembrane 0.176
Cytoplasmic 3.820 *

SeqID: fig|6666666.171271.peg.2237
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.354
Di-peptide Cytoplasmic 0.662
part-Comp. Cytoplasmic 0.774
chemo-typy Cytoplasmic 0.894
Neighboring Cytoplasmic 0.549

Combined SVM classifier:
Extracellular 0.530
OuterMembrane 0.330
Periplasmic 0.476
InnerMembrane 0.432
Cytoplasmic 3.233 *
SeqID: fig|6666666.171271.peg.2238
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.981
Di-peptide Cytoplasmic 0.846
part-Comp. Cytoplasmic 0.983
chemo-typy Cytoplasmic 0.969
Neighboring Cytoplasmic 0.997

Combined SVM classifier:
Extracellular 0.051
OuterMembrane 0.098
Periplasmic 0.065
InnerMembrane 0.009
Cytoplasmic 4.777 *

SeqID: fig|6666666.171271.peg.2239
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.634
Di-peptide InnerMembrane 0.944
part-Comp. Cytoplasmic 0.670
chemo-typy Cytoplasmic 0.534
Neighboring InnerMembrane 0.736

Combined SVM classifier:
Extracellular 0.205
OuterMembrane 0.300
Periplasmic 0.106
InnerMembrane 2.829 *
Cytoplasmic 1.560

SeqID: fig|6666666.171271.peg.2240
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.511
Di-peptide InnerMembrane 0.493
part-Comp. InnerMembrane 0.360
chemo-typy InnerMembrane 0.865
Neighboring InnerMembrane 0.763

Combined SVM classifier:
Extracellular 0.313
OuterMembrane 0.921
Periplasmic 0.204
InnerMembrane 2.991 *
Cytoplasmic 0.571

SeqID: fig|6666666.171271.peg.2241
CELLO prediction:
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2242

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2243

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2244

CELLO prediction:

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<td>Cytoplasmic 0.879</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.722</td>
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</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.817</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic 0.612</td>
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</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.864</td>
<td></td>
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</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 0.226
- OuterMembrane 0.286
- Periplasmic 0.524
- InnerMembrane 0.071
- Cytoplasmic 3.894 *

-----

**SeqID: fig|6666666.171271.peg.2246**

CELLO prediction:

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<tr>
<td>Composition</td>
<td>Cytoplasmic 0.298</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.410</td>
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<td>part-Comp.</td>
<td>Cytoplasmic 0.370</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular 0.769</td>
<td></td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane 0.435</td>
<td></td>
</tr>
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**Combined SVM classifier:**

- Extracellular 1.883 *
- OuterMembrane 1.072
- Periplasmic 0.638
- InnerMembrane 0.281
- Cytoplasmic 1.126

-----

**SeqID: fig|6666666.171271.peg.2247**

CELLO prediction:

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<tbody>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic 0.751</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic 0.494</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic 0.677</td>
<td></td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic 0.468</td>
<td></td>
</tr>
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**Combined SVM classifier:**
Extracellular 1.226
OuterMembrane 0.271
Periplasmic 1.283
InnerMembrane 0.114
Cytoplasmic 2.106 *

SeqID: fig|6666666.171271.peg.2248
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.381
Di-peptide OuterMembrane 0.391
part-Comp. Extracellular 0.665
chemo-typy Extracellular 0.459
Neighboring OuterMembrane 0.705

Combined SVM classifier:
Extracellular 1.884 *
OuterMembrane 1.557 *
Periplasmic 1.144
InnerMembrane 0.081
Cytoplasmic 0.334

SeqID: fig|6666666.171271.peg.2249
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.442
Di-peptide Cytoplasmic 0.546
part-Comp. Cytoplasmic 0.793
chemo-typy Cytoplasmic 0.474
Neighboring Extracellular 0.452

Combined SVM classifier:
Extracellular 1.342 *
OuterMembrane 0.572
Periplasmic 1.524 *
InnerMembrane 0.293
Cytoplasmic 1.269 *

SeqID: fig|6666666.171271.peg.2250
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.442
Di-peptide Cytoplasmic 0.546
part-Comp. Cytoplasmic 0.793
chemo-typy Cytoplasmic 0.474
Neighboring Cytoplasmic 0.897

Combined SVM classifier:
Extracellular 0.868
OuterMembrane 0.352
Periplasmic 0.421
InnerMembrane 0.206
| SeqID: fig|6666666.171271.peg.2251 |
|--------------------------------------------------|
| CELLO prediction:                               |
| (predictor  location   reliable-index)          |
| Composition Extracellular 0.297                |
| Di-peptide Cytoplasmic 0.450                   |
| part-Comp. Cytoplasmic 0.491                   |
| chemo-typy Cytoplasmic 0.465                   |
| Neighboring OuterMembrane 0.417                |

| Combined SVM classifier:                        |
| Extracellular 0.747                             |
| OuterMembrane 1.222                             |
| Periplasmic 0.547                               |
| InnerMembrane 0.544                             |
| Cytoplasmic 1.940 *                             |

| SeqID: fig|6666666.171271.peg.2252 |
|--------------------------------------------------|
| CELLO prediction:                               |
| (predictor  location   reliable-index)          |
| Composition InnerMembrane 0.922                |
| Di-peptide InnerMembrane 0.996                 |
| part-Comp. InnerMembrane 0.889                 |
| chemo-typy InnerMembrane 0.969                 |
| Neighboring InnerMembrane 0.926                |

| Combined SVM classifier:                        |
| Extracellular 0.037                             |
| OuterMembrane 0.118                             |
| Periplasmic 0.050                               |
| InnerMembrane 4.702 *                           |
| Cytoplasmic 0.092                               |

| SeqID: fig|6666666.171271.peg.2253 |
|--------------------------------------------------|
| CELLO prediction:                               |
| (predictor  location   reliable-index)          |
| Composition InnerMembrane 0.976                |
| Di-peptide InnerMembrane 0.999                 |
| part-Comp. InnerMembrane 0.999                 |
| chemo-typy InnerMembrane 1.000                 |
| Neighboring InnerMembrane 0.999                |

| Combined SVM classifier:                        |
| Extracellular 0.007                             |
| OuterMembrane 0.005                             |
| Periplasmic 0.009                               |
| InnerMembrane 4.973 *                           |
| Cytoplasmic 0.006                               |
| SeqID: fig|6666666.171271.peg.2254 | CELLO prediction: |
|---------------------|-----------------------------|
| (predictor          | location         | reliable-index) |
| Composition         | Cytoplasmic      | 0.969            |
| Di-peptide          | Cytoplasmic      | 0.994            |
| part-Comp.          | Cytoplasmic      | 0.851            |
| chemo-typy          | Cytoplasmic      | 0.979            |
| Neighboring         | Cytoplasmic      | 0.986            |

Combined SVM classifier:
- Extracellular      0.010
- OuterMembrane      0.018
- Periplasmic         0.035
- InnerMembrane       0.159
- Cytoplasmic 4.778 *

| SeqID: fig|6666666.171271.peg.2255 | CELLO prediction: |
|---------------------|-----------------------------|
| (predictor          | location         | reliable-index) |
| Composition         | Cytoplasmic      | 0.310            |
| Di-peptide          | Cytoplasmic      | 0.706            |
| part-Comp.          | Cytoplasmic      | 0.368            |
| chemo-typy          | Periplasmic       | 0.630            |
| Neighboring         | Cytoplasmic      | 0.339            |

Combined SVM classifier:
- Extracellular      0.922
- OuterMembrane      0.875
- Periplasmic         1.075
- InnerMembrane       0.335
- Cytoplasmic 1.793 *

| SeqID: fig|6666666.171271.peg.2256 | CELLO prediction: |
|---------------------|-----------------------------|
| (predictor          | location         | reliable-index) |
| Composition         | InnerMembrane  | 0.805            |
| Di-peptide          | InnerMembrane  | 0.985            |
| part-Comp.          | InnerMembrane  | 0.905            |
| chemo-typy          | InnerMembrane  | 0.991            |
| Neighboring         | InnerMembrane  | 0.945            |

Combined SVM classifier:
- Extracellular      0.075
- OuterMembrane      0.101
- Periplasmic         0.079
- InnerMembrane       4.630 *
- Cytoplasmic         0.115

<p>| SeqID: fig|6666666.171271.peg.2257 | CELLO prediction: |</p>
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.444</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.335</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.733</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.557</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 1.334 *
- OuterMembrane: 0.960
- Periplasmic: 1.168 *
- InnerMembrane: 0.419
- Cytoplasmic: 1.119 *

SeqID: fig|6666666.171271.peg.2258

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.314</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.761</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.463</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.463</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.464</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.897
- OuterMembrane: 0.843
- Periplasmic: 0.702
- InnerMembrane: 0.249
- Cytoplasmic: 2.309 *

SeqID: fig|6666666.171271.peg.2259

CELLO prediction:

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.296</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.554</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.650</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

- Extracellular: 0.363
- OuterMembrane: 0.272
- Periplasmic: 0.365
- InnerMembrane: 0.219
- Cytoplasmic: 3.780 *
chemo-typy InnerMembrane 0.982
Neighboring Cytoplasmic 0.524

Combined SVM classifier:
Extracellular 0.380
OuterMembrane 0.294
Periplasmic 0.442
InnerMembrane 2.029 *
Cytoplasmic 1.854 *

SeqID: fig|6666666.171271.peg.2261
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.439
Di-peptide InnerMembrane 0.904
part-Comp. Cytoplasmic 0.577
chemo-typy InnerMembrane 0.722
Neighboring InnerMembrane 0.636

Combined SVM classifier:
Extracellular 0.198
OuterMembrane 0.378
Periplasmic 0.155
InnerMembrane 2.969 *
Cytoplasmic 1.301

SeqID: fig|6666666.171271.peg.2262
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.944
Di-peptide Cytoplasmic 0.710
part-Comp. Cytoplasmic 0.826
chemo-typy Cytoplasmic 0.590
Neighboring Cytoplasmic 0.969

Combined SVM classifier:
Extracellular 0.569
OuterMembrane 0.074
Periplasmic 0.193
InnerMembrane 0.124
Cytoplasmic 4.039 *

SeqID: fig|6666666.171271.peg.2263
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.933
Di-peptide InnerMembrane 0.987
part-Comp. InnerMembrane 0.967
chemo-typy InnerMembrane 0.992
Neighboring InnerMembrane 0.969

Combined SVM classifier:
Extracellular 0.042
OuterMembrane 0.011
Periplasmic 0.054
InnerMembrane 4.849 *
Cytoplasmic 0.045

SeqID: fig|666666.171271.peg.2264
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.984
Di-peptide InnerMembrane 0.961
part-Comp. InnerMembrane 0.929
chemo-typy InnerMembrane 0.989
Neighbors InnerMembrane 0.893

Combined SVM classifier:
Extracellular 0.021
OuterMembrane 0.036
Periplasmic 0.112
InnerMembrane 4.755 *
Cytoplasmic 0.076

SeqID: fig|666666.171271.peg.2265
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.418
Di-peptide InnerMembrane 0.602
part-Comp. InnerMembrane 0.759
chemo-typy Periplasmic 0.647
Neighbors Periplasmic 0.344

Combined SVM classifier:
Extracellular 0.563
OuterMembrane 0.515
Periplasmic 1.413 *
InnerMembrane 2.103 *
Cytoplasmic 0.464

SeqID: fig|666666.171271.peg.2266
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.528
Di-peptide Cytoplasmic 0.640
part-Comp. Cytoplasmic 0.407
chemo-typy Cytoplasmic 0.686
Neighbors Cytoplasmic 0.892

Combined SVM classifier:
Extracellular 0.585
OuterMembrane 0.515
Periplasmic 0.494
InnerMembrane 0.252
Cytoplasmic 3.154 *

SeqID: fig|6666666.171271.peg.2267
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.964
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.997
chemo-typy InnerMembrane 0.982
Neighboring InnerMembrane 0.998

Combined SVM classifier:
Extracellular 0.012
OuterMembrane 0.019
Periplasmic 0.016
InnerMembrane 4.940 *
Cytoplasmic 0.013

SeqID: fig|6666666.171271.peg.2268
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.397
Di-peptide OuterMembrane 0.434
part-Comp. OuterMembrane 0.310
chemo-typy Periplasmic 0.358
Neighboring OuterMembrane 0.319

Combined SVM classifier:
Extracellular 0.825
OuterMembrane 1.736 *
Periplasmic 0.590
InnerMembrane 0.761
Cytoplasmic 1.088 *

SeqID: fig|6666666.171271.peg.2269
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.392
Di-peptide Cytoplasmic 0.417
part-Comp. OuterMembrane 0.403
chemo-typy Cytoplasmic 0.332
Neighboring Extracellular 0.371

Combined SVM classifier:
Extracellular 0.959
OuterMembrane 1.631 *
Periplasmic 1.019 *
InnerMembrane 0.065
Cytoplasmic 1.326 *
SeqID: fig|666666.171271.peg.2270
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.478
Di-peptide   Cytoplasmic  0.539
part-Comp.   Cytoplasmic  0.417
chemo-typyp Periplasmic  0.793
Neighboring  OuterMembrane 0.708

Combined SVM classifier:
Extracellular 0.712
OuterMembrane 1.389 *
Periplasmic  1.001 *
InnerMembrane 0.301
Cytoplasmic  1.597 *

SeqID: fig|666666.171271.peg.2271
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.591
Di-peptide   Cytoplasmic  0.826
part-Comp.   Cytoplasmic  0.740
chemo-typyp Cytoplasmic  0.753
Neighboring  Cytoplasmic  0.796

Combined SVM classifier:
Extracellular 0.482
OuterMembrane 0.059
Periplasmic  0.560
InnerMembrane 0.195
Cytoplasmic  3.705 *

SeqID: fig|666666.171271.peg.2272
CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.699
Di-peptide   InnerMembrane 0.643
part-Comp.   Cytoplasmic  0.747
chemo-typyp InnerMembrane 0.774
Neighboring  InnerMembrane 0.424

Combined SVM classifier:
Extracellular 0.164
OuterMembrane 0.376
Periplasmic  0.128
InnerMembrane 2.157 *
Cytoplasmic  2.175 *

SeqID: fig|666666.171271.peg.2273
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.872
Di-peptide InnerMembrane 0.992
part-Comp. InnerMembrane 0.879
chemo-typy InnerMembrane 0.991
Neighboring InnerMembrane 0.727

Combined SVM classifier:
Extracellular 0.077
OuterMembrane 0.207
Periplasmic 0.114
InnerMembrane 4.461 *
Cytoplasmic 0.142

SeqID: fig|6666666.171271.peg.2274
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.924
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.789
chemo-typy InnerMembrane 0.987
Neighboring InnerMembrane 0.977

Combined SVM classifier:
Extracellular 0.060
OuterMembrane 0.035
Periplasmic 0.046
InnerMembrane 4.676 *
Cytoplasmic 0.184

SeqID: fig|6666666.171271.peg.2275
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.468
Di-peptide Extracellular 0.953
part-Comp. Extracellular 0.588
chemo-typy Extracellular 0.372
Neighboring OuterMembrane 0.441

Combined SVM classifier:
Extracellular 2.591 *
OuterMembrane 0.925
Periplasmic 0.896
InnerMembrane 0.243
Cytoplasmic 0.345

SeqID: fig|6666666.171271.peg.2276
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.595
Di-peptide Extracellular 0.470
part-Comp. Extracellular 0.387
| Chemo-typy  | OuterMembrane  | 0.486 |
| Neighboring | Extracellular  | 0.317 |

**Combined SVM classifier:**

- Extracellular 1.878 *
- OuterMembrane 1.167
- Periplasmic 0.905
- InnerMembrane 0.450
- Cytoplasmic 0.599

****************************************************************************************************************************

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SeqID: fig|6666666.171271.peg.2277

**CELLO prediction:**

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<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.589</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.631</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.962</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.527</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 0.054
- OuterMembrane 0.029
- Periplasmic 1.841
- InnerMembrane 0.213
- Cytoplasmic 2.863 *

****************************************************************************************************************************

******

SeqID: fig|6666666.171271.peg.2278

**CELLO prediction:**

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.298</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.606</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.343</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.689</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.419</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular 1.154
- OuterMembrane 0.500
- Periplasmic 1.862 *
- InnerMembrane 0.341
- Cytoplasmic 1.142

****************************************************************************************************************************

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SeqID: fig|6666666.171271.peg.2279

**CELLO prediction:**

<table>
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<tbody>
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<td>Composition</td>
<td>OuterMembrane</td>
<td>0.544</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.576</td>
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<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.338</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.576</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.391</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**
Extracellular 1.512 *
OuterMembrane 1.518 *
Periplasmic 0.498
InnerMembrane 0.161
Cytoplasmic 1.312 *

SeqID: fig|6666666.171271.peg.2280
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.469
Di-peptide   Cytoplasmic  0.352
part-Comp.   Cytoplasmic  0.725
chemo-typy   Cytoplasmic  0.919
Neighboring  Cytoplasmic  0.842

Combined SVM classifier:
Extracellular  0.975
OuterMembrane 0.705
Periplasmic  0.236
InnerMembrane 0.098
Cytoplasmic  2.986 *

SeqID: fig|6666666.171271.peg.2281
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.263
Di-peptide   InnerMembrane 0.542
part-Comp.   Cytoplasmic  0.356
chemo-typy   Cytoplasmic  0.789
Neighboring  Extracellular  0.267

Combined SVM classifier:
Extracellular  0.767
OuterMembrane 0.312
Periplasmic  0.947
InnerMembrane 1.007
Cytoplasmic  1.967 *

SeqID: fig|6666666.171271.peg.2282
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.337
Di-peptide   OuterMembrane 0.781
part-Comp.   Extracellular  0.826
chemo-typy   OuterMembrane 0.681
Neighboring  OuterMembrane  0.780

Combined SVM classifier:
Extracellular  1.742
OuterMembrane 2.549 *
Periplasmic  0.296
InnerMembrane 0.127
SeqID: fig|6666666.171271.peg.2283
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.560
Di-peptide   Cytoplasmic  0.509
part-Comp.   OuterMembrane  0.651
chemo-typy   Cytoplasmic  0.512
Neighboring  OuterMembrane  0.441

Combined SVM classifier:
Extracellular  0.984
OuterMembrane  1.337 *
Periplasmic     0.562
InnerMembrane  0.154
Cytoplasmic    1.963 *

SeqID: fig|6666666.171271.peg.2284
CELLO prediction:
(predictor   location   reliable-index)
Composition  Extracellular  0.336
Di-peptide   Cytoplasmic  0.816
part-Comp.   Cytoplasmic  0.338
chemo-typy   Periplasmic  0.590
Neighboring  Extracellular  0.588

Combined SVM classifier:
Extracellular  1.544 *
OuterMembrane  0.711
Periplasmic     1.103 *
InnerMembrane  0.123
Cytoplasmic    1.520 *

SeqID: fig|6666666.171271.peg.2285
CELLO prediction:
(predictor   location   reliable-index)
Composition  Cytoplasmic  0.319
Di-peptide   Cytoplasmic  0.784
part-Comp.   Extracellular  0.587
chemo-typy   Periplasmic  0.641
Neighboring  Extracellular  0.487

Combined SVM classifier:
Extracellular  1.534 *
OuterMembrane  0.851
Periplasmic     1.109 *
InnerMembrane  0.122
Cytoplasmic    1.384 *
SeqID: fig|6666666.171271.peg.2286

CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.947
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.993
chemo-typy InnerMembrane 0.966
Neighboring InnerMembrane 0.982

Combined SVM classifier:
Extracellular 0.024
OuterMembrane 0.018
Periplasmic 0.046
InnerMembrane 4.888 *
Cytoplasmic 0.023

SeqID: fig|6666666.171271.peg.2287

CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.467
Di-peptide Cytoplasmic 0.421
part-Comp. Cytoplasmic 0.626
chemo-typy Cytoplasmic 0.391
Neighboring Cytoplasmic 0.669

Combined SVM classifier:
Extracellular 0.217
OuterMembrane 1.354
Periplasmic 0.419
InnerMembrane 0.550
Cytoplasmic 2.460 *

SeqID: fig|6666666.171271.peg.2288

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.781
Di-peptide Periplasmic 0.658
part-Comp. Periplasmic 0.896
chemo-typy Periplasmic 0.789
Neighboring Periplasmic 0.672

Combined SVM classifier:
Extracellular 0.605
OuterMembrane 0.059
Periplasmic 3.796 *
InnerMembrane 0.203
Cytoplasmic 0.337

SeqID: fig|6666666.171271.peg.2289

CELLO prediction:
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Combined SVM classifier:

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<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.2290
CELLO prediction:

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<td>Di-peptide</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
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Combined SVM classifier:

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<td>OuterMembrane</td>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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</tr>
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<td>part-Comp.</td>
<td>Cyttoplasmic</td>
<td>0.482</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.888</td>
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<td>Neighboring</td>
<td>InnerMembrane</td>
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Combined SVM classifier:

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<tr>
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<td>Periplasmic</td>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.2292
CELLO prediction:

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<td>Composition</td>
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<tr>
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<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
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chemo-typy  Cytoplasmic  0.946  
Neighboring  Cytoplasmic  0.917  

Combined SVM classifier:  
Extracellular  0.138  
OuterMembrane  0.256  
Periplasmic  0.113  
InnerMembrane  0.277  
Cytoplasmic  4.215  *

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SeqID: fig|6666666.171271.peg.2293  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.862  
Di-peptide  Cytoplasmic  0.980  
part-Comp.  Cytoplasmic  0.873  
chemo-typy  Cytoplasmic  0.711  
Neighboring  Cytoplasmic  0.980  

Combined SVM classifier:  
Extracellular  0.329  
OuterMembrane  0.088  
Periplasmic  0.137  
InnerMembrane  0.038  
Cytoplasmic  4.407  *

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******  
SeqID: fig|6666666.171271.peg.2294  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.310  
Di-peptide  Cytoplasmic  0.722  
part-Comp.  Cytoplasmic  0.569  
chemo-typy  Cytoplasmic  0.561  
Neighboring  Cytoplasmic  0.666  

Combined SVM classifier:  
Extracellular  0.542  
OuterMembrane  0.305  
Periplasmic  1.053  
InnerMembrane  0.271  
Cytoplasmic  2.829  *

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******  
SeqID: fig|6666666.171271.peg.2295  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition  Cytoplasmic  0.456  
Di-peptide  Cytoplasmic  0.937  
part-Comp.  Cytoplasmic  0.871  
chemo-typy  Cytoplasmic  0.992  
Neighboring  Cytoplasmic  0.938  

Combined SVM classifier:
**Extracellular** 0.269
**OuterMembrane** 0.129
**Periplasmic** 0.180
**InnerMembrane** 0.227
**Cytoplasmic** 4.195 *

SeqID: fig|6666666.171271.peg.2296
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.301
Di-peptide Cytoplasmic 0.636
part-Comp. Cytoplasmic 0.426
chemo-typy Cytoplasmic 0.572
Neighboring Cytoplasmic 0.644

Combined SVM classifier:
Extracellular 0.869
OuterMembrane 0.606
Periplasmic 0.661
InnerMembrane 0.285
Cytoplasmic 2.579 *

SeqID: fig|6666666.171271.peg.2297
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.538
Di-peptide Cytoplasmic 0.979
part-Comp. Cytoplasmic 0.769
chemo-typy Cytoplasmic 0.921
Neighboring Cytoplasmic 0.845

Combined SVM classifier:
Extracellular 0.175
OuterMembrane 0.192
Periplasmic 0.277
InnerMembrane 0.305
SeqID: fig|6666666.171271.peg.2299
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.761
part-Comp. Cytoplasmic 0.453
chemo-typy Extracellular 0.489
Neighboring OuterMembrane 0.468

Combined SVM classifier:
Extracellular 0.970
OuterMembrane 0.852
Periplasmic 0.724
InnerMembrane 0.274
Cytoplasmic 2.180 *

SeqID: fig|6666666.171271.peg.2300
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.381
Di-peptide Extracellular 0.386
part-Comp. OuterMembrane 0.496
chemo-typy Periplasmic 0.775
Neighboring Extracellular 0.451

Combined SVM classifier:
Extracellular 1.484 *
OuterMembrane 1.555 *
Periplasmic 0.971
InnerMembrane 0.451
Cytoplasmic 0.538

SeqID: fig|6666666.171271.peg.2301
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.276
Di-peptide Cytoplasmic 0.352
part-Comp. Cytoplasmic 0.388
chemo-typy Cytoplasmic 0.416
Neighboring Cytoplasmic 0.304

Combined SVM classifier:
Extracellular 1.245 *
OuterMembrane 0.421
Periplasmic 0.868
InnerMembrane 0.731
Cytoplasmic 1.736 *
Celloscope prediction:

**SeqID: fig|6666666.171271.peg.2302**

Celloscope prediction:

```
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.812
Di-peptide  OuterMembrane  0.589
part-Comp.  OuterMembrane  0.470
chemo-typy  Cytoplasmic  0.872
Neighboring  Cytoplasmic  0.827

Combined SVM classifier:
Extracellular  0.180
OuterMembrane  1.226
Periplasmic  0.348
InnerMembrane  0.124
Cytoplasmic  3.122 *
```

**SeqID: fig|6666666.171271.peg.2303**

Celloscope prediction:

```
(predictor  location   reliable-index)
Composition  Periplasmic  0.264
Di-peptide  OuterMembrane  0.449
part-Comp.  Cytoplasmic  0.606
chemo-typy  Periplasmic  0.409
Neighboring  Cytoplasmic  0.476

Combined SVM classifier:
Extracellular  0.933
OuterMembrane  1.070
Periplasmic  0.843
InnerMembrane  0.331
Cytoplasmic  1.824 *
```

**SeqID: fig|6666666.171271.peg.2304**

Celloscope prediction:

```
(predictor  location   reliable-index)
Composition  OuterMembrane  0.408
Di-peptide  OuterMembrane  0.995
part-Comp.  Extracellular  0.650
chemo-typy  OuterMembrane  0.892
Neighboring  OuterMembrane  0.604

Combined SVM classifier:
Extracellular  1.236
OuterMembrane  2.998 *
Periplasmic  0.260
InnerMembrane  0.323
Cytoplasmic  0.184
```

**SeqID: fig|6666666.171271.peg.2305**

Celloscope prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.325
Di-peptide     Cytoplasmic   0.577
part-Comp.     Cytoplasmic   0.509
chemo-typy     Cytoplasmic   0.686
Neighboring    Cytoplasmic   0.579

Combined SVM classifier:
Extracellular  1.037
OuterMembrane  0.323
Periplasmic     0.611
InnerMembrane  0.354
Cytoplasmic    2.675 *

SeqID: fig|6666666.171271.peg.2306
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic   0.271
Di-peptide     Cytoplasmic   0.814
part-Comp.     Cytoplasmic   0.357
chemo-typy     Cytoplasmic   0.833
Neighboring    Extracellular  0.333

Combined SVM classifier:
Extracellular  0.807
OuterMembrane  0.271
Periplasmic     0.941
InnerMembrane  0.423
Cytoplasmic    2.559 *

SeqID: fig|6666666.171271.peg.2307
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.591
Di-peptide     Cytoplasmic   0.898
part-Comp.     Cytoplasmic   0.602
chemo-typy     Cytoplasmic   0.572
Neighboring    Cytoplasmic   0.737

Combined SVM classifier:
Extracellular  0.515
OuterMembrane  0.332
Periplasmic     0.511
InnerMembrane  0.243
Cytoplasmic    3.399 *

SeqID: fig|6666666.171271.peg.2308
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic   0.720
Di-peptide     Cytoplasmic   0.525
part-Comp.     Cytoplasmic   0.715
chemo-typy    Periplasmic  0.441
Neighboring  Cytoplastic   0.773

Combined SVM classifier:
Extracellular 0.826
OuterMembrane 0.081
Periplasmic   0.838
InnerMembrane 0.106
Cytoplastic   3.150 *

SeqID: fig|6666666.171271.peg.2309
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplastic 0.776
Di-peptide   Cytoplastic 0.963
part-Comp.   Cytoplastic 0.694
chemo-typy   Cytoplastic 0.908
Neighboring  Cytoplastic 0.938

Combined SVM classifier:
Extracellular 0.163
OuterMembrane 0.161
Periplasmic  0.139
InnerMembrane 0.258
Cytoplastic  4.279 *

SeqID: fig|6666666.171271.peg.2310
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.629
Di-peptide   InnerMembrane 0.777
part-Comp.   Cytoplastic   0.385
chemo-typy   InnerMembrane 0.498
Neighboring  InnerMembrane 0.923

Combined SVM classifier:
Extracellular 0.238
OuterMembrane 1.340
Periplasmic   0.145
InnerMembrane 2.672 *
Cytoplastic   0.606

SeqID: fig|6666666.171271.peg.2311
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplastic  0.615
Di-peptide   OuterMembrane 0.720
part-Comp.   OuterMembrane 0.777
chemo-typy   Extracellular 0.490
Neighboring  OuterMembrane 0.527

Combined SVM classifier:
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<th>Index</th>
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<tbody>
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**SeqID: fig|6666666.171271.peg.2312**

CELLO prediction:

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Combined SVM classifier:

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<td>Cytoplasmic</td>
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**SeqID: fig|6666666.171271.peg.2313**

CELLO prediction:

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Combined SVM classifier:

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**SeqID: fig|6666666.171271.peg.2314**

CELLO prediction:

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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.497</td>
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Combined SVM classifier:

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<td>Di-peptide</td>
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<tr>
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| SeqID: fig|6666666.171271.peg.2316 |
|-----------------------------------------------|
| CELLO prediction:                          |
| (predictor     | location       | reliable-index) |
| Composition    | Cytoplasmic    | 0.842            |
| Di-peptide     | Cytoplasmic    | 0.978            |
| part-Comp.     | Cytoplasmic    | 0.872            |
| chemo-typy     | Cytoplasmic    | 0.971            |
| Neighboring    | Cytoplasmic    | 0.945            |
| Combined SVM classifier:                  |
| Extracellular | 0.120            |
| OuterMembrane | 0.061            |
| Periplasmic    | 0.095            |
| InnerMembrane  | 0.117            |
| Cytoplasmic    | 4.607 *          |

| SeqID: fig|6666666.171271.peg.2317 |
|-----------------------------------------------|
| CELLO prediction:                          |
| (predictor     | location       | reliable-index) |
| Composition    | Cytoplasmic    | 0.648            |
| Di-peptide     | Cytoplasmic    | 0.951            |
| part-Comp.     | Cytoplasmic    | 0.929            |
| chemo-typy     | Cytoplasmic    | 0.465            |
| Neighboring    | Cytoplasmic    | 0.808            |
| Combined SVM classifier:                  |
| Extracellular | 0.448            |
| OuterMembrane | 0.401            |
| Periplasmic    | 0.244            |
| InnerMembrane  | 0.106            |
| Cytoplasmic    | 3.800 *          |
### SeqID: fig|6666666.171271.peg.2318

**CELLO prediction:**

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<th>Location</th>
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<tr>
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<td>Cytoplasmic</td>
<td>0.763</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.372</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.345</td>
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</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.949</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.371</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.937</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.334</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>2.409 *</td>
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### SeqID: fig|6666666.171271.peg.2319

**CELLO prediction:**

<table>
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<tr>
<th>Predictor</th>
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</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.271</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.408</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.378</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.373</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.612</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Index</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.651 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.847</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.634</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.890</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.978</td>
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### SeqID: fig|6666666.171271.peg.2320

**CELLO prediction:**

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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.933</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.356</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.734</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.315</td>
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</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
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<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>1.495 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.200 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.854</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.391</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.061 *</td>
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### SeqID: fig|6666666.171271.peg.2321

**CELLO prediction:**
### CELLO prediction:

<table>
<thead>
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<th>6666666.171271.peg.2322</th>
</tr>
</thead>
<tbody>
<tr>
<td>CELLO prediction:</td>
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<tr>
<td>(predictor location reliable-index)</td>
<td></td>
</tr>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

| Extracellular | 1.136 |
| OuterMembrane | 0.730 |
| Periplasmic | 0.587 |
| InnerMembrane | 0.434 |
| Cytoplasmic | 2.113 |

---

### CELLO prediction:

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<tr>
<td>(predictor location reliable-index)</td>
<td></td>
</tr>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

| Extracellular | 0.114 |
| OuterMembrane | 0.317 |
| Periplasmic | 0.189 |
| InnerMembrane | 2.031 |
| Cytoplasmic | 2.349 |

---

### CELLO prediction:

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<tr>
<td>(predictor location reliable-index)</td>
<td></td>
</tr>
<tr>
<td>Composition</td>
<td>OuterMembrane</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>OuterMembrane</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

| Extracellular | 0.114 |
| OuterMembrane | 0.317 |
| Periplasmic | 0.189 |
| InnerMembrane | 2.031 |
| Cytoplasmic | 2.349 |

---
chemo-typy   Cytoplasmic  0.911  
Neighboring  OuterMembrane 0.604  

Combined SVM classifier:  
Extracellular  0.225  
OuterMembrane 2.081 *  
Periplasmic  0.048  
InnerMembrane 0.385  
Cytoplasmic  2.261 *  

***************************************************************************  
******  
SeqID:  fig|6666666.171271.peg.2325  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Extracellular 0.937  
Di-peptide OuterMembrane 0.590  
part-Comp. Extracellular 0.710  
chemo-typy OuterMembrane 0.769  
Neighboring Extracellular 0.791  

Combined SVM classifier:  
Extracellular 3.039 *  
OuterMembrane 1.805  
Periplasmic 0.056  
InnerMembrane 0.046  
Cytoplasmic 0.054  

******  
SeqID:  fig|6666666.171271.peg.2326  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Periplasmic 0.271  
Di-peptide Cytoplasmic 0.459  
part-Comp. Cytoplasmic 0.340  
chemo-typy InnerMembrane 0.797  
Neighboring Periplasmic 0.311  

Combined SVM classifier:  
Extracellular 0.623  
OuterMembrane 0.504  
Periplasmic 0.867  
InnerMembrane 1.584 *  
Cytoplasmic 1.421 *  

******  
SeqID:  fig|6666666.171271.peg.2327  
CELLO prediction:  
(predictor  location   reliable-index)  
Composition Cytoplasmic 0.521  
Di-peptide Cytoplasmic 0.669  
part-Comp. Cytoplasmic 0.675  
chemo-typy Cytoplasmic 0.668  
Neighboring Cytoplasmic 0.920  

Combined SVM classifier:
Extracellular 0.202  
OuterMembrane 0.540  
Periplasmic 0.171  
InnerMembrane 0.634  
Cytoplasmic 3.452 *

SeqID: fig|6666666.171271.peg.2328
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.367
Di-peptide OuterMembrane 0.881
part-Comp. OuterMembrane 0.470
chemo-typy Cytoplasmic 0.384
Neighboring OuterMembrane 0.671

Combined SVM classifier:
Extracellular 0.813
OuterMembrane 2.518 *
Periplasmic 0.416
InnerMembrane 0.168
Cytoplasmic 1.084

SeqID: fig|6666666.171271.peg.2329
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.363
Di-peptide Cytoplasmic 0.532
part-Comp. Periplasmic 0.463
chemo-typy Cytoplasmic 0.749
Neighboring Cytoplasmic 0.517

Combined SVM classifier:
Extracellular 0.466
OuterMembrane 0.155
Periplasmic 1.743
InnerMembrane 0.166
Cytoplasmic 2.469 *

SeqID: fig|6666666.171271.peg.2330
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.758
Di-peptide Cytoplasmic 0.958
part-Comp. Cytoplasmic 0.959
chemo-typy Cytoplasmic 0.987
Neighboring Cytoplasmic 0.806

Combined SVM classifier:
Extracellular 0.022
OuterMembrane 0.011
Periplasmic 0.303
InnerMembrane 0.196
Cytoplasmic  4.469 *

SeqID: fig|6666666.171271.peg.2331
CELLO prediction:
(predictor  location   reliable-index)
Composition           Cytoplasmic  0.298
Di-peptide            Cytoplasmic  0.851
part-Comp.            Cytoplasmic  0.571
chemo-typy            Cytoplasmic  0.650
Neighboring           Cytoplasmic  0.788

Combined SVM classifier:
Extracellular  0.488
OuterMembrane  0.203
Periplasmic     0.837
InnerMembrane  0.314
Cytoplasmic     3.159 *

SeqID: fig|6666666.171271.peg.2332
CELLO prediction:
(predictor  location   reliable-index)
Composition           Cytoplasmic  0.981
Di-peptide            Cytoplasmic  0.972
part-Comp.            Cytoplasmic  0.944
chemo-typy            Cytoplasmic  0.919
Neighboring           Cytoplasmic  0.996

Combined SVM classifier:
Extracellular  0.022
OuterMembrane  0.051
Periplasmic     0.082
InnerMembrane  0.033
Cytoplasmic     4.811 *

SeqID: fig|6666666.171271.peg.2333
CELLO prediction:
(predictor  location   reliable-index)
Composition           Cytoplasmic  0.804
Di-peptide            Cytoplasmic  0.904
part-Comp.            Cytoplasmic  0.883
chemo-typy            Cytoplasmic  0.804
Neighboring           Cytoplasmic  0.968

Combined SVM classifier:
Extracellular  0.144
OuterMembrane  0.315
Periplasmic     0.120
InnerMembrane  0.058
Cytoplasmic     4.363 *
 SeqID: fig|6666666.171271.peg.2334
CELLO prediction:

(predictor  location   reliable-index)
Composition   InnerMembrane  0.988
Di-peptide    InnerMembrane  1.000
part-Comp.    InnerMembrane  0.999
chemo-typy    InnerMembrane  0.981
Neighboring   InnerMembrane  0.997

Combined SVM classifier:
Extracellular  0.007
OuterMembrane  0.008
Periplasmic    0.008
InnerMembrane 4.965 *
Cytoplasmic   0.012

 SeqID: fig|6666666.171271.peg.2335
CELLO prediction:

(predictor  location   reliable-index)
Composition   Cytoplasmic  0.828
Di-peptide    Cytoplasmic  0.940
part-Comp.    Cytoplasmic  0.970
chemo-typy    Cytoplasmic  0.970
Neighboring   Cytoplasmic  0.906

Combined SVM classifier:
Extracellular  0.070
OuterMembrane  0.247
Periplasmic    0.029
InnerMembrane  0.038
Cytoplasmic   4.615 *

 SeqID: fig|6666666.171271.peg.2336
CELLO prediction:

(predictor  location   reliable-index)
Composition   Cytoplasmic  0.339
Di-peptide    Cytoplasmic  0.885
part-Comp.    Cytoplasmic  0.387
chemo-typy    Cytoplasmic  0.477
Neighboring   Cytoplasmic  0.552

Combined SVM classifier:
Extracellular  0.416
OuterMembrane  0.334
Periplasmic    1.383
InnerMembrane  0.227
Cytoplasmic   2.640 *

 SeqID: fig|6666666.171271.peg.2337
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.432
Di-peptide OuterMembrane 0.595
part-Comp. Cytoplasmic 0.830
chemo-typy Cytoplasmic 0.874
Neighboring Cytoplasmic 0.825

Combined SVM classifier:
Extracellular 0.389
OuterMembrane 0.852
Periplasmic 0.250
InnerMembrane 0.342
Cytoplasmic 3.168 *

SeqID: fig|6666666.171271.peg.2338
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.274
Di-peptide Cytoplasmic 0.810
part-Comp. Cytoplasmic 0.376
chemo-typy Cytoplasmic 0.874
Neighboring Cytoplasmic 0.578

Combined SVM classifier:
Extracellular 0.684
OuterMembrane 0.230
Periplasmic 0.817
InnerMembrane 0.356
Cytoplasmic 2.913 *

SeqID: fig|6666666.171271.peg.2339
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.983
Di-peptide Cytoplasmic 0.869
part-Comp. Cytoplasmic 0.937
chemo-typy OuterMembrane 0.319
Neighboring Cytoplasmic 0.908

Combined SVM classifier:
Extracellular 0.078
OuterMembrane 0.388
Periplasmic 0.274
InnerMembrane 0.344
Cytoplasmic 3.916 *

SeqID: fig|6666666.171271.peg.2340
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.300
Di-peptide Cytoplasmic 0.827
part-Comp. Cytoplasmic 0.462
<table>
<thead>
<tr>
<th></th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.770</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.458</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.818
- OuterMembrane: 0.216
- Periplasmic: 0.813
- InnerMembrane: 0.336
- Cytoplasmic: 2.817 *

SeqID: fig|6666666.171271.peg.2341

CELLO prediction:
- Composition: Cytoplasmic 0.618
- Di-peptide: Cytoplasmic 0.877
- part-Comp.: Cytoplasmic 0.681
- chemo-typy: Cytoplasmic 0.592
- Neighboring: Cytoplasmic 0.862

Combined SVM classifier:
- Extracellular: 0.351
- OuterMembrane: 0.381
- Periplasmic: 0.406
- InnerMembrane: 3.038 *
- Cytoplasmic: 3.631 *

SeqID: fig|6666666.171271.peg.2342

CELLO prediction:
- Composition: InnerMembrane 0.363
- Di-peptide: InnerMembrane 0.817
- part-Comp.: Cytoplasmic 0.411
- chemo-typy: InnerMembrane 0.969
- Neighboring: InnerMembrane 0.575

Combined SVM classifier:
- Extracellular: 0.325
- OuterMembrane: 0.438
- Periplasmic: 0.381
- InnerMembrane: 3.038 *
- Cytoplasmic: 0.819

SeqID: fig|6666666.171271.peg.2343

CELLO prediction:
- Composition: Cytoplasmic 0.357
- Di-peptide: Cytoplasmic 0.803
- part-Comp.: Cytoplasmic 0.612
- chemo-typy: Cytoplasmic 0.447
- Neighboring: Cytoplasmic 0.469

Combined SVM classifier:
<table>
<thead>
<tr>
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<th>Predictor Value</th>
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<tbody>
<tr>
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<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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<td>Cytoplasmic</td>
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**SeqID:** fig|6666666.171271.peg.2344

**CELLO prediction:**

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<th>Location</th>
<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
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<tr>
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<tr>
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**Combined SVM classifier:**

<table>
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<tr>
<td>OuterMembrane</td>
<td>0.109</td>
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<tr>
<td>Periplasmic</td>
<td>0.665</td>
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<tr>
<td>InnerMembrane</td>
<td>0.063</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>4.053</td>
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**SeqID:** fig|6666666.171271.peg.2345

**CELLO prediction:**

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<th>Reliable Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.253</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.458</td>
</tr>
<tr>
<td>part-Comp.</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
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<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.707</td>
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**Combined SVM classifier:**

<table>
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<tr>
<td>OuterMembrane</td>
<td>1.511  *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.793</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.340</td>
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<tr>
<td>Cytoplasmic</td>
<td>0.658</td>
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</table>

**SeqID:** fig|6666666.171271.peg.2346

**CELLO prediction:**

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<th>Location</th>
<th>Reliable Index</th>
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<td>Composition</td>
<td>OuterMembrane</td>
<td>0.519</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.479</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.454</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.658</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.516</td>
</tr>
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</table>

**Combined SVM classifier:**

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<th>Predictor Value</th>
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<tbody>
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<td>0.986</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.016</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.964</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.084</td>
</tr>
</tbody>
</table>
Cytoplasmic 1.950 *

SeqID: fig666666.171271.peg.2347
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.681
Di-peptide Cytoplasmic 0.771
part-Comp. Cytoplasmic 0.758
chemo-typy Cytoplasmic 0.834
Neighboring Cytoplasmic 0.851

Combined SVM classifier:
Extracellular 0.577
OuterMembrane 0.280
Periplasmic 0.184
InnerMembrane 0.064
Cytoplasmic 3.895 *

SeqID: fig666666.171271.peg.2348
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.412
Di-peptide Cytoplasmic 0.690
part-Comp. Cytoplasmic 0.713
chemo-typy Periplasmic 0.705
Neighboring Cytoplasmic 0.478

Combined SVM classifier:
Extracellular 0.525
OuterMembrane 0.576
Periplasmic 1.109
InnerMembrane 0.463
Cytoplasmic 2.327 *

SeqID: fig666666.171271.peg.2349
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.299
Di-peptide Cytoplasmic 0.704
part-Comp. Cytoplasmic 0.529
chemo-typy Periplasmic 0.449
Neighboring OuterMembrane 0.410

Combined SVM classifier:
Extracellular 0.856
OuterMembrane 0.826
Periplasmic 0.893
InnerMembrane 0.311
Cytoplasmic 2.113 *
| SeqID: fig|6666666.171271.peg.2350 |
|-----------------------------------|
| CELLO prediction:                 |
| (predictor         location       reliable-index) |
| Composition        Extracellular   0.855 |
| Di-peptide         Cytoplasmic     0.402 |
| part-Comp.         Extracellular   0.433 |
| chemo-typy         Cytoplasmic     0.846 |
| Neighboring        Extracellular   0.442 |
| Combined SVM classifier:          |
| Extracellular       2.051 *        |
| OuterMembrane       0.647          |
| Periplasmic         0.403          |
| InnerMembrane       0.039          |
| Cytoplasmic         1.859 *        |

| SeqID: fig|6666666.171271.peg.2351 |
|-----------------------------------|
| CELLO prediction:                 |
| (predictor         location       reliable-index) |
| Composition        Cytoplasmic     0.905 |
| Di-peptide         Cytoplasmic     0.963 |
| part-Comp.         Cytoplasmic     0.944 |
| chemo-typy         Cytoplasmic     0.981 |
| Neighboring        Cytoplasmic     0.820 |
| Combined SVM classifier:          |
| Extracellular       0.082          |
| OuterMembrane       0.042          |
| Periplasmic         0.056          |
| InnerMembrane       0.208          |
| Cytoplasmic         4.613 *        |

| SeqID: fig|6666666.171271.peg.2352 |
|-----------------------------------|
| CELLO prediction:                 |
| (predictor         location       reliable-index) |
| Composition        InnerMembrane   0.478 |
| Di-peptide         InnerMembrane   0.927 |
| part-Comp.         InnerMembrane   0.467 |
| chemo-typy         InnerMembrane   0.971 |
| Neighboring        InnerMembrane   0.976 |
| Combined SVM classifier:          |
| Extracellular       0.183          |
| OuterMembrane       0.196          |
| Periplasmic         0.162          |
| InnerMembrane       3.818 *        |
| Cytoplasmic         0.640          |

| SeqID: fig|6666666.171271.peg.2353 |
|-----------------------------------|
| CELLO prediction:                 |
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.338
Di-peptide  Cytoplasmic 0.746
part-Comp.  Cytoplasmic 0.998
chemo-typy  Cytoplasmic 0.879
Neighboring  InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.420
OuterMembrane 0.202
Periplasmic 0.924
InnerMembrane 0.352
Cytoplasmic 3.101 *

SeqID: fig|6666666.171271.peg.2355
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.924
Di-peptide  InnerMembrane 0.991
part-Comp.  InnerMembrane 0.998
chemo-typy  InnerMembrane 0.879
Neighboring  InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.066
OuterMembrane 0.046
Periplasmic 0.046
InnerMembrane 4.792 *
Cytoplasmic 0.049

SeqID: fig|6666666.171271.peg.2356
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.929
Di-peptide  Cytoplasmic 0.945
part-Comp.  Cytoplasmic 0.989
chemo-typy: Cytoplasmic 0.835
Neighboring: Cytoplasmic 0.977

Combined SVM classifier:
Extracellular 0.079
OuterMembrane 0.025
Periplasmic 0.168
InnerMembrane 0.052
Cytoplasmic 4.675 *

SeqID: fig|6666666.171271.peg.2357
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.970
Di-peptide Cytoplasmic 0.977
part-Comp. Cytoplasmic 0.638
chemo-typy Periplasmic 0.436
Neighboring Cytoplasmic 0.852

Combined SVM classifier:
Extracellular 0.113
OuterMembrane 0.138
Periplasmic 0.860
InnerMembrane 0.030
Cytoplasmic 3.859 *

SeqID: fig|6666666.171271.peg.2358
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.400
Di-peptide OuterMembrane 0.392
part-Comp. OuterMembrane 0.513
chemo-typy Extracellular 0.593
Neighboring Extracellular 0.558

Combined SVM classifier:
Extracellular 2.219 *
OuterMembrane 1.616 *
Periplasmic 0.849
InnerMembrane 0.118
Cytoplasmic 0.198

SeqID: fig|6666666.171271.peg.2359
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.683
Di-peptide Cytoplasmic 0.966
part-Comp. Cytoplasmic 0.969
chemo-typy Cytoplasmic 0.913
Neighboring Cytoplasmic 0.975

Combined SVM classifier:
Extracellular 0.099  
OuterMembrane 0.075  
Periplasmic 0.206  
InnerMembrane 0.114  
Cytoplasmic 4.506 *

SeqID: fig|6666666.171271.peg.2360
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.274  
Di-peptide Cytoplasmic 0.608  
part-Comp. Cytoplasmic 0.547  
chemo-typy OuterMembrane 0.400  
Neighboring OuterMembrane 0.319  

Combined SVM classifier:
Extracellular 1.000  
OuterMembrane 1.137  
Periplasmic 0.653  
InnerMembrane 0.309  
Cytoplasmic 1.901 *

SeqID: fig|6666666.171271.peg.2361
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.293  
Di-peptide Cytoplasmic 0.458  
part-Comp. OuterMembrane 0.539  
chemo-typy Extracellular 0.649  
Neighboring OuterMembrane 0.313  

Combined SVM classifier:
Extracellular 1.313 *  
OuterMembrane 1.480 *  
Periplasmic 0.407  
InnerMembrane 0.815  
Cytoplasmic 0.985

SeqID: fig|6666666.171271.peg.2362
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.266  
Di-peptide Cytoplasmic 0.910  
part-Comp. Cytoplasmic 0.523  
chemo-typy Cytoplasmic 0.974  
Neighboring Cytoplasmic 0.444  

Combined SVM classifier:
Extracellular 0.660  
OuterMembrane 0.299  
Periplasmic 0.523  
InnerMembrane 0.419
CELLO prediction:

** SeqID: fig|6666666.171271.peg.2363
CELLO prediction:

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<td>Composition</td>
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<td>0.350</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.337</td>
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<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.314</td>
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<td>0.956</td>
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Combined SVM classifier:

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<tr>
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<td>InnerMembrane</td>
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** SeqID: fig|6666666.171271.peg.2364
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<td>Composition</td>
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<td>Di-peptide</td>
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<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.999</td>
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<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.969</td>
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<td>InnerMembrane</td>
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Combined SVM classifier:

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<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
<td>0.015</td>
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<tr>
<td>InnerMembrane</td>
<td>4.951 *</td>
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<td>Cytoplasmic</td>
<td>0.013</td>
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** SeqID: fig|6666666.171271.peg.2365
CELLO prediction:

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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.613</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.732</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.663</td>
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<tr>
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<td>Cytoplasmic</td>
<td>0.626</td>
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Combined SVM classifier:

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<tr>
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<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
<td>0.089</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|666666.171271.peg.2366
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.343
Di-peptide Cytoplasmic 0.780
part-Comp. Cytoplasmic 0.613
chemo-typy Cytoplasmic 0.711
Neighboring Extracellular 0.377

Combined SVM classifier:
Extracellular 0.964
OuterMembrane 0.454
Periplasmic 0.626
InnerMembrane 0.141
Cytoplasmic 2.815 *

SeqID: fig|666666.171271.peg.2367
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.592
Di-peptide Cytoplasmic 0.594
part-Comp. Cytoplasmic 0.906
chemo-typy Cytoplasmic 0.980
Neighboring Cytoplasmic 0.874

Combined SVM classifier:
Extracellular 0.215
OuterMembrane 0.122
Periplasmic 0.318
InnerMembrane 0.400
Cytoplasmic 3.945 *

SeqID: fig|666666.171271.peg.2368
CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.878
Di-peptide Cytoplasmic 0.948
part-Comp. Cytoplasmic 0.957
chemo-typy Cytoplasmic 0.986
Neighboring Cytoplasmic 0.993

Combined SVM classifier:
Extracellular 0.035
OuterMembrane 0.064
Periplasmic 0.030
InnerMembrane 0.110
Cytoplasmic 4.761 *

SeqID: fig|666666.171271.peg.2369
CELLO prediction:
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<tr>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>part-Comp.</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.958</td>
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Combined SVM classifier:
Extracellular 0.122
OuterMembrane 0.121
Periplasmic 0.660
InnerMembrane 0.019
Cytoplasmic 4.077 *

SeqID: fig|6666666.171271.peg.2370
CELOL prediction:
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<tr>
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</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>0.550</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.773</td>
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Combined SVM classifier:
Extracellular 0.164
OuterMembrane 0.251
Periplasmic 0.763
InnerMembrane 3.363 *
Cytoplasmic 0.460

SeqID: fig|6666666.171271.peg.2371
CELOL prediction:
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<tr>
<td>Composition</td>
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<tr>
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Combined SVM classifier:
Extracellular 1.218 *
OuterMembrane 0.559
Periplasmic 1.090
InnerMembrane 0.334
Cytoplasmic 1.799 *

SeqID: fig|6666666.171271.peg.2372
CELOL prediction:
| chemo-typy | Periplasmic | 0.451 |
| Neighboring | Cytoplasmic | 0.370 |

Combined SVM classifier:

<table>
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<th>Location</th>
<th>Probability</th>
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<tbody>
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<td>Extracellular</td>
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<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.267 *</td>
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CELLO prediction:

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<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
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<tr>
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<tr>
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<td>0.482</td>
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Combined SVM classifier:

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<tbody>
<tr>
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<tr>
<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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CELLO prediction:

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Combined SVM classifier:

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<th>Probability</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.216</td>
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<tr>
<td>OuterMembrane</td>
<td>3.024 *</td>
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<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
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<td>0.642</td>
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CELLO prediction:

<table>
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<tbody>
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<td>Composition</td>
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Combined SVM classifier:
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**SeqID: fig666666.171271.peg.2377**

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<td>Cytoplasmic</td>
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Combined SVM classifier:
- **Extracellular**: 0.364
- **Outer Membrane**: 0.372
- **Periplasmic**: 0.664
- **Inner Membrane**: 0.268
- **Cytoplasmic**: 3.332 *

---

**SeqID: fig666666.171271.peg.2378**

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Combined SVM classifier:
- **Extracellular**: 0.744
- **Outer Membrane**: 0.994
- **Periplasmic**: 0.757
- **Inner Membrane**: 0.260
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<td>OuterMembrane</td>
<td>0.627</td>
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Combined SVM classifier:
- Extracellular: 0.646
- OuterMembrane: 2.220 *
- Periplasmic: 0.350
- InnerMembrane: 0.247
- Cytoplasmic: 1.537 *

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<td>Cytoplasmic</td>
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Combined SVM classifier:
- Extracellular: 1.002
- OuterMembrane: 0.115
- Periplasmic: 1.633 *
- InnerMembrane: 0.351
- Cytoplasmic: 1.898 *

<table>
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<td>0.741</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.955</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.850</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.498</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.984</td>
</tr>
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Combined SVM classifier:
- Extracellular: 0.214
- OuterMembrane: 0.109
- Periplasmic: 0.631
- InnerMembrane: 0.161
- Cytoplasmic: 3.885 *
SeqID: fig|6666666.171271.peg.2382

CELLO prediction:

(predictor  location   reliable-index)
Composition  InnerMembrane  0.855
Di-peptide  InnerMembrane  0.994
part-Comp.  InnerMembrane  0.811
chemo-typy  InnerMembrane  0.993
Neighboring  InnerMembrane  0.885

Combined SVM classifier:
Extracellular  0.082
OuterMembrane  0.137
Periplasmic  0.076
InnerMembrane  4.539 *
Cytoplasmic  0.167

SeqID: fig|6666666.171271.peg.2383

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.841
Di-peptide  Cytoplasmic  0.814
part-Comp.  Cytoplasmic  0.919
chemo-typy  Cytoplasmic  0.971
Neighboring  Cytoplasmic  0.853

Combined SVM classifier:
Extracellular  0.226
OuterMembrane  0.263
Periplasmic  0.066
InnerMembrane  0.048
Cytoplasmic  4.397 *

SeqID: fig|6666666.171271.peg.2384

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.298
Di-peptide  Cytoplasmic  0.732
part-Comp.  Cytoplasmic  0.589
chemo-typy  Cytoplasmic  0.955
Neighboring  Cytoplasmic  0.574

Combined SVM classifier:
Extracellular  0.602
OuterMembrane  0.384
Periplasmic  0.590
InnerMembrane  0.276
Cytoplasmic  3.148 *

SeqID: fig|6666666.171271.peg.2385

CELLO prediction:
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<td>Cytoplasmic</td>
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<td>chemo-typy</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.589</td>
</tr>
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Combined SVM classifier:

- Extracellular: 0.847
- OuterMembrane: 1.536
- Periplasmic: 0.394
- InnerMembrane: 0.266
- Cytoplasmic: 1.957

SeqID: fig|6666666.171271.peg.2386

CELLO prediction:

<table>
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<td>Extracellular</td>
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<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.290</td>
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Combined SVM classifier:

- Extracellular: 1.747
- OuterMembrane: 1.537
- Periplasmic: 1.369
- InnerMembrane: 0.058
- Cytoplasmic: 0.288

SeqID: fig|6666666.171271.peg.2387

CELLO prediction:

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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>Cytoplasmic</td>
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Combined SVM classifier:

- Extracellular: 0.121
- OuterMembrane: 0.150
- Periplasmic: 0.064
- InnerMembrane: 0.093
- Cytoplasmic: 4.572

SeqID: fig|6666666.171271.peg.2388

CELLO prediction:

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<tr>
<td>Di-peptide</td>
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<td>InnerMembrane</td>
<td>0.993</td>
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chemo-typy InnerMembrane 0.990
Neighboring InnerMembrane 0.997

Combined SVM classifier:
Extracellular 0.006
OuterMembrane 0.006
Periplasmic 0.010
InnerMembrane 4.964 *
Cytoplasmic 0.014

SeqID: fig|6666666.171271.peg.2389
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.998
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.999
chemo-typy InnerMembrane 0.999
Neighboring InnerMembrane 1.000

Combined SVM classifier:
Extracellular 0.001
OuterMembrane 0.001
Periplasmic 0.002
InnerMembrane 4.996 *
Cytoplasmic 0.001

SeqID: fig|6666666.171271.peg.2390
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.927
Di-peptide Cytoplasmic 0.894
part-Comp. Cytoplasmic 0.768
chemo-typy Periplasmic 0.605
Neighboring Cytoplasmic 0.937

Combined SVM classifier:
Extracellular 0.042
OuterMembrane 0.259
Periplasmic 0.880
InnerMembrane 0.163
Cytoplasmic 3.656 *

SeqID: fig|6666666.171271.peg.2391
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.818
Di-peptide Cytoplasmic 0.915
part-Comp. Cytoplasmic 0.967
chemo-typy Cytoplasmic 0.942
Neighboring Cytoplasmic 0.728

Combined SVM classifier:
**CELLO prediction:**

**Composition:**
- Cytoplasmic 0.854

**Di-peptide:**
- Cytoplasmic 0.807

**part-Comp.:**
- Cytoplasmic 0.951

**chemo-typy:**
- Cytoplasmic 0.909

**Neighbor:**
- Cytoplasmic 0.954

**Combined SVM classifier:**
- Extracellular 0.112
- Outer Membrane 0.011
- Periplasmic 0.356
- Inner Membrane 0.045
- Cytoplasmic 4.475 *

**CELLO prediction:**

**Composition:**
- Cytoplasmic 0.760

**Di-peptide:**
- Outer Membrane 0.325

**part-Comp.:**
- Cytoplasmic 0.356

**chemo-typy:**
- Extracellular 0.851

**Neighbor:**
- Extracellular 0.367

**Combined SVM classifier:**
- Extracellular 1.732 *
- Outer Membrane 0.622
- Periplasmic 1.010
- Inner Membrane 0.655
SeqID: fig|6666666.171271.peg.2395
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.258
Di-peptide OuterMembrane 0.860
part-Comp. Cytoplasmic 0.350
chemo-typy Periplasmic 0.678
Neighboring Extracellular 0.307

Combined SVM classifier:
Extracellular 0.890
OuterMembrane 1.462 *
Periplasmic 1.395 *
InnerMembrane 0.418
Cytoplasmic 0.835

SeqID: fig|6666666.171271.peg.2396
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.249
Di-peptide Cytoplasmic 0.704
part-Comp. Cytoplasmic 0.358
chemo-typy Periplasmic 0.419
Neighboring Cytoplasmic 0.477

Combined SVM classifier:
Extracellular 0.801
OuterMembrane 0.283
Periplasmic 1.082
InnerMembrane 0.714
Cytoplasmic 2.120 *

SeqID: fig|6666666.171271.peg.2397
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.303
Di-peptide Cytoplasmic 0.487
part-Comp. Cytoplasmic 0.386
chemo-typy Extracellular 0.410
Neighboring OuterMembrane 0.606

Combined SVM classifier:
Extracellular 1.265 *
OuterMembrane 1.469 *
Periplasmic 0.579
InnerMembrane 0.170
Cytoplasmic 1.517 *
SeqID: fig|666666.171271.peg.2398

CELLO prediction:

(predictor  location   reliable-index)
Composition    Cytoplasmic  0.556
Di-peptide     Cytoplasmic  0.584
part-Comp.     Cytoplasmic  0.602
chemo-typy     Cytoplasmic  0.378
Neighboring    Cytoplasmic  0.581

Combined SVM classifier:
Extracellular  0.745
OuterMembrane  0.638
Periplasmic     0.711
InnerMembrane  0.206
Cytoplasmic    2.700 *

SeqID: fig|666666.171271.peg.2399

CELLO prediction:

(predictor  location   reliable-index)
Composition   Periplasmic  0.271
Di-peptide    Extracellular 0.912
part-Comp.    Cytoplasmic  0.351
chemo-typy    Periplasmic  0.477
Neighboring   Extracellular 0.420

Combined SVM classifier:
Extracellular  1.856 *
OuterMembrane  0.369
Periplasmic    1.285 *
InnerMembrane  0.364
Cytoplasmic   1.126

SeqID: fig|666666.171271.peg.2400

CELLO prediction:

(predictor  location   reliable-index)
Composition   Periplasmic  0.268
Di-peptide    Extracellular 0.499
part-Comp.    Extracellular 0.368
chemo-typy    OuterMembrane 0.505
Neighboring   Extracellular 0.588

Combined SVM classifier:
Extracellular  2.002 *
OuterMembrane  1.141
Periplasmic    0.750
InnerMembrane  0.330
Cytoplasmic   0.777

SeqID: fig|666666.171271.peg.2401

CELLO prediction:
| SeqID: fig|6666666.171271.peg.2402 |
|-----------------------------------------|
| CELLO prediction:                       |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.593 |
| Di-peptide | Cytoplasmic | 0.625 |
| part-Comp. | Cytoplasmic | 0.825 |
| chemo-typy | OuterMembrane | 0.404 |
| Neighboring | Cytoplasmic | 0.932 |

**Combined SVM classifier:**

| Extracellular | 0.361 |
| OuterMembrane | 1.036 |
| Periplasmic | 0.313 |
| InnerMembrane | 0.082 |
| Cytoplasmic | 3.208 * |

| SeqID: fig|6666666.171271.peg.2403 |
|-----------------------------------------|
| CELLO prediction:                       |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.275 |
| Di-peptide | Cytoplasmic | 0.628 |
| part-Comp. | Cytoplasmic | 0.436 |
| chemo-typy | Periplasmic | 0.908 |
| Neighboring | Cytoplasmic | 0.405 |

**Combined SVM classifier:**

| Extracellular | 0.587 |
| OuterMembrane | 0.504 |
| Periplasmic | 1.465 * |
| InnerMembrane | 0.663 |
| Cytoplasmic | 1.782 * |

| SeqID: fig|6666666.171271.peg.2404 |
|-----------------------------------------|
| CELLO prediction:                       |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.298 |
| Di-peptide | Cytoplasmic | 0.791 |
| part-Comp. | Cytoplasmic | 0.344 |
chepo-typy  Cytoplasmic  0.754
Neighboring  Cytoplasmic  0.534

Combined SVM classifier:
Extracellular  0.640
OuterMembrane  0.327
Periplasmic  0.350
InnerMembrane  0.968
Cytoplasmic  2.715 *

SeqID: fig|6666666.171271.peg.2405
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.922
Di-peptide  Cytoplasmic  0.952
part-Comp.  Cytoplasmic  0.966
chepo-typy  Cytoplasmic  0.866
Neighboring  Cytoplasmic  0.942

Combined SVM classifier:
Extracellular  0.042
OuterMembrane  0.097
Periplasmic  0.076
InnerMembrane  0.087
Cytoplasmic  4.648 *

SeqID: fig|6666666.171271.peg.2406
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.962
Di-peptide  Extracellular  0.343
part-Comp.  Cytoplasmic  0.717
chepo-typy  Cytoplasmic  0.956
Neighboring  Cytoplasmic  0.968

Combined SVM classifier:
Extracellular  0.011
OuterMembrane  0.017
Periplasmic  0.074
InnerMembrane  0.391
Cytoplasmic  4.507 *

SeqID: fig|6666666.171271.peg.2407
CELLO prediction:
(predictor location reliable-index)
Composition  Cytoplasmic  0.989
Di-peptide  Extracellular  0.343
part-Comp.  Cytoplasmic  0.982
chepo-typy  OuterMembrane  0.374
Neighboring  Cytoplasmic  0.994

Combined SVM classifier:
Extracellular 0.488
OuterMembrane 0.677
Periplasmic 0.113
InnerMembrane 0.558
Cytoplasmic 3.164 *

 SeqID: fig|6666666.171271.peg.2408
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.987
Di-peptide OuterMembrane 0.385
part-Comp. Cytoplasmic 0.974
chemo-typy InnerMembrane 0.335
Neighbor Cytoplasmic 0.986

Combined SVM classifier:
Extracellular 0.296
OuterMembrane 0.708
Periplasmic 0.153
InnerMembrane 0.573
Cytoplasmic 3.271 *

 SeqID: fig|6666666.171271.peg.2409
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.295
Di-peptide Cytoplasmic 0.778
part-Comp. Cytoplasmic 0.437
chemo-typy InnerMembrane 0.747
Neighbor Cytoplasmic 0.660

Combined SVM classifier:
Extracellular 0.428
OuterMembrane 0.188
Periplasmic 0.941
InnerMembrane 1.067
Cytoplasmic 2.375 *

 SeqID: fig|6666666.171271.peg.2410
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.506
Di-peptide Cytoplasmic 0.425
part-Comp. Cytoplasmic 0.729
chemo-typy Cytoplasmic 0.761
Neighbor Cytoplasmic 0.631

Combined SVM classifier:
Extracellular 0.184
OuterMembrane 0.610
Periplasmic 0.917
InnerMembrane 0.237
Cytoplasmic 3.052 *

SeqID: fig|6666666.171271.peg.2411
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.585
Di-peptide Cytoplasmic 0.910
part-Comp. Cytoplasmic 0.848
chemo-ttypy Cytoplasmic 0.915
Neighboring Cytoplasmic 0.674

Combined SVM classifier:
Extracellular 0.149
OuterMembrane 0.092
Periplasmic 0.723
InnerMembrane 0.104
Cytoplasmic 3.932 *

SeqID: fig|6666666.171271.peg.2412
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.507
Di-peptide Periplasmic 0.505
part-Comp. Periplasmic 0.479
chemo-ttypy Periplasmic 0.743
Neighboring Periplasmic 0.663

Combined SVM classifier:
Extracellular 0.745
OuterMembrane 0.250
Periplasmic 2.898 *
InnerMembrane 0.201
Cytoplasmic 0.906

SeqID: fig|6666666.171271.peg.2413
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.829
Di-peptide Cytoplasmic 0.984
part-Comp. Cytoplasmic 0.695
chemo-ttypy Cytoplasmic 0.945
Neighboring Cytoplasmic 0.702

Combined SVM classifier:
Extracellular 0.279
OuterMembrane 0.163
Periplasmic 0.305
InnerMembrane 0.099
Cytoplasmic 4.155 *
SeqID: fig|6666666.171271.peg.2414
CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.363
Di-peptide InnerMembrane 0.770
part-Comp. Cytoplasmic 0.430
chemo-typy InnerMembrane 0.415
Neighboring InnerMembrane 0.415

Combined SVM classifier:
Extracellular 0.515
OuterMembrane 0.369
Periplasmic 0.480
InnerMembrane 2.148 *
Cytoplasmic 1.488 *

SeqID: fig|6666666.171271.peg.2415
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.736
part-Comp. Cytoplasmic 0.358
chemo-typy Cytoplasmic 0.813
Neighboring Extracellular 0.295

Combined SVM classifier:
Extracellular 0.751
OuterMembrane 0.275
Periplasmic 1.162
InnerMembrane 0.375
Cytoplasmic 2.437 *

SeqID: fig|6666666.171271.peg.2416
CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.262
Di-peptide InnerMembrane 0.960
part-Comp. Cytoplasmic 0.393
chemo-typy InnerMembrane 0.832
Neighboring Cytoplasmic 0.342

Combined SVM classifier:
Extracellular 0.645
OuterMembrane 0.302
Periplasmic 0.654
InnerMembrane 2.344 *
Cytoplasmic 1.055

SeqID: fig|6666666.171271.peg.2417
CELLO prediction:
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<tr>
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Combined SVM classifier:

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<td>Periplasmic</td>
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<td>Inner Membrane</td>
<td>0.784</td>
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<td>Cytoplasmic</td>
<td>0.858</td>
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SeqID: fig|6666666.171271.peg.2418

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<td>Periplasmic</td>
<td>0.481</td>
</tr>
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Combined SVM classifier:

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<tr>
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<td>Inner Membrane</td>
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<tr>
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SeqID: fig|6666666.171271.peg.2419

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Combined SVM classifier:

<table>
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<th>Location</th>
<th>Value</th>
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<tbody>
<tr>
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<tr>
<td>Outer Membrane</td>
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<tr>
<td>Periplasmic</td>
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<td>Inner Membrane</td>
<td>1.081</td>
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<td>Cytoplasmic</td>
<td>3.207 *</td>
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SeqID: fig|6666666.171271.peg.2420

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</tr>
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<td>Composition</td>
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<td>Di-peptide</td>
<td>Cytoplasmic</td>
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chemo-typy  Cytoplasmic  0.592
Neighboring  Cytoplasmic  0.506

Combined SVM classifier:
Extracellular  0.596
OuterMembrane  0.669
Periplasmic  0.337
InnerMembrane  0.056
Cytoplasmic  3.343 *

SeqID: fig|6666666.171271.peg.2421
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.293
Di-peptide  Cytoplasmic  0.468
part-Comp.  Extracellular  0.298
chemo-typy  Extracellular  0.411
Neighboring  Cytoplasmic  0.362

Combined SVM classifier:
Extracellular  1.506 *
OuterMembrane  0.903
Periplasmic  0.776
InnerMembrane  0.370
Cytoplasmic  1.446 *

SeqID: fig|6666666.171271.peg.2422
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.511
Di-peptide  OuterMembrane  0.444
part-Comp.  Cytoplasmic  0.509
chemo-typy  Cytoplasmic  0.773
Neighboring  Periplasmic  0.396

Combined SVM classifier:
Extracellular  0.585
OuterMembrane  0.870
Periplasmic  0.944
InnerMembrane  0.174
Cytoplasmic  2.427 *

SeqID: fig|6666666.171271.peg.2423
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.582
Di-peptide  Cytoplasmic  0.986
part-Comp.  Cytoplasmic  0.585
chemo-typy  Cytoplasmic  0.598
Neighboring  Cytoplasmic  0.959

Combined SVM classifier:
Extracellular 0.234
OuterMembrane 0.062
Periplasmic 0.808
InnerMembrane 0.186
Cytoplasmic 3.710 *

SeqID: fig|6666666.171271.peg.2424
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.386
Di-peptide Cytoplasmic 0.558
part-Comp. Cytoplasmic 0.690
chemo-typy Cytoplasmic 0.885
Neighboring Cytoplasmic 0.647

Combined SVM classifier:
Extracellular 0.139
OuterMembrane 0.637
Periplasmic 0.105
InnerMembrane 0.956
Cytoplasmic 3.164 *

SeqID: fig|6666666.171271.peg.2425
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.465
Di-peptide Cytoplasmic 0.976
part-Comp. Cytoplasmic 0.757
chemo-typy Cytoplasmic 0.560
Neighboring Cytoplasmic 0.840

Combined SVM classifier:
Extracellular 0.389
OuterMembrane 0.132
Periplasmic 0.651
InnerMembrane 0.229
Cytoplasmic 3.598 *

SeqID: fig|6666666.171271.peg.2426
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.723
Di-peptide Cytoplasmic 0.851
part-Comp. Cytoplasmic 0.729
chemo-typy Cytoplasmic 0.900
Neighboring Cytoplasmic 0.884

Combined SVM classifier:
Extracellular 0.245
OuterMembrane 0.225
Periplasmic 0.180
InnerMembrane 0.262
Cytoplasmic  4.087 *

SeqID: fig|6666666.171271.peg.2427
CELLO prediction:
(predictor    location    reliable-index)
Composition   Cytoplasmic  0.452
Di-peptide    Cytoplasmic  0.457
part-Comp.    Cytoplasmic  0.848
chemo-typy    Cytoplasmic  0.700
Neighboring   Cytoplasmic  0.634

Combined SVM classifier:
Extracellular 0.470
OuterMembrane 0.506
Periplasmic    0.719
InnerMembrane 0.214
Cytoplasmic   3.091 *

SeqID: fig|6666666.171271.peg.2428
CELLO prediction:
(predictor    location    reliable-index)
Composition   Cytoplasmic  0.934
Di-peptide    Cytoplasmic  0.595
part-Comp.    Cytoplasmic  0.888
chemo-typy    Cytoplasmic  0.781
Neighboring   Cytoplasmic  0.984

Combined SVM classifier:
Extracellular 0.076
OuterMembrane 0.089
Periplasmic    0.232
InnerMembrane 0.421
Cytoplasmic   4.182 *

SeqID: fig|6666666.171271.peg.2429
CELLO prediction:
(predictor    location    reliable-index)
Composition   Periplasmic  0.263
Di-peptide    InnerMembrane 0.834
part-Comp.    Cytoplasmic  0.361
chemo-typy    Periplasmic  0.745
Neighboring   InnerMembrane 0.367

Combined SVM classifier:
Extracellular 0.584
OuterMembrane 0.303
Periplasmic    1.387 *
InnerMembrane 1.585 *
Cytoplasmic   1.142 *
| SeqID: fig|6666666.171271.peg.2430 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.398 |
| Di-peptide | Cytoplasmic | 0.945 |
| part-Comp. | Cytoplasmic | 0.423 |
| chemo-typy | Cytoplasmic | 0.926 |
| Neighboring | Cytoplasmic | 0.726 |
| Combined SVM classifier: |
| Extracellular | 0.331 |
| OuterMembrane | 0.131 |
| Periplasmic | 0.612 |
| InnerMembrane | 0.508 |
| Cytoplasmic | 3.418 |

| SeqID: fig|6666666.171271.peg.2431 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.307 |
| Di-peptide | InnerMembrane | 0.798 |
| part-Comp. | InnerMembrane | 0.467 |
| chemo-typy | InnerMembrane | 0.933 |
| Neighboring | InnerMembrane | 0.530 |
| Combined SVM classifier: |
| Extracellular | 0.364 |
| OuterMembrane | 0.483 |
| Periplasmic | 0.318 |
| InnerMembrane | 3.035 |
| Cytoplasmic | 0.800 |

| SeqID: fig|6666666.171271.peg.2432 |
|---|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.309 |
| Di-peptide | Cytoplasmic | 0.795 |
| part-Comp. | Cytoplasmic | 0.468 |
| chemo-typy | Extracellular | 0.489 |
| Neighboring | OuterMembrane | 0.424 |
| Combined SVM classifier: |
| Extracellular | 0.973 |
| OuterMembrane | 0.774 |
| Periplasmic | 0.687 |
| InnerMembrane | 0.279 |
| Cytoplasmic | 2.287 |

| SeqID: fig|6666666.171271.peg.2433 |
|---|
| CELLO prediction: |
(predictor  location   reliable-index)
Composition InnerMembrane 0.624
Di-peptide InnerMembrane 0.977
part-Comp. InnerMembrane 0.942
chemo-typy InnerMembrane 0.985
Neighboring InnerMembrane 0.934

Combined SVM classifier:
Extracellular 0.119
OuterMembrane 0.107
Periplasmic 0.131
InnerMembrane 4.461 *
Cytoplasmic 0.182

SeqID: fig|6666666.171271.peg.2434
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.846
Di-peptide Cytoplasmic 0.891
part-Comp. Cytoplasmic 0.880
chemo-typy Cytoplasmic 0.696
Neighboring Cytoplasmic 0.949

Combined SVM classifier:
Extracellular 0.089
OuterMembrane 0.436
Periplasmic 0.185
InnerMembrane 0.028
Cytoplasmic 4.262 *

SeqID: fig|6666666.171271.peg.2435
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.367
Di-peptide Cytoplasmic 0.397
part-Comp. Cytoplasmic 0.368
chemo-typy Cytoplasmic 0.368
Neighboring Cytoplasmic 0.976

Combined SVM classifier:
Extracellular 0.235
OuterMembrane 0.387
Periplasmic 0.188
InnerMembrane 0.069
Cytoplasmic 4.121 *

SeqID: fig|6666666.171271.peg.2436
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.367
Di-peptide Cytoplasmic 0.397
part-Comp. Cytoplasmic 0.355
chemo-typy  Cytoplasmic  0.561
Neighboring  Extracellular  0.274

Combined SVM classifier:
Extracellular  0.827
OuterMembrane  0.314
Periplasmic  1.262 *
InnerMembrane  1.001 *
Cytoplasmic  1.595 *

SeqID: fig|6666666.171271.peg.2437

CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.268
Di-peptide  Cytoplasmic  0.927
part-Comp.  Cytoplasmic  0.374
chemo-typy  Cytoplasmic  0.597
Neighboring  Cytoplasmic  0.559

Combined SVM classifier:
Extracellular  0.642
OuterMembrane  0.255
Periplasmic  1.054
InnerMembrane  0.353
Cytoplasmic  2.695 *

SeqID: fig|6666666.171271.peg.2438

CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.948
Di-peptide  InnerMembrane  0.926
part-Comp.  InnerMembrane  0.827
chemo-typy  InnerMembrane  0.754
Neighboring  InnerMembrane  0.960

Combined SVM classifier:
Extracellular  0.014
OuterMembrane  0.137
Periplasmic  0.029
InnerMembrane  4.415 *
Cytoplasmic  0.405

SeqID: fig|6666666.171271.peg.2439

CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.635
Di-peptide  InnerMembrane  0.976
part-Comp.  InnerMembrane  0.731
chemo-typy  InnerMembrane  0.925
Neighboring  InnerMembrane  0.803

Combined SVM classifier:
Extracellular 0.108
OuterMembrane 0.265
Periplasmic 0.119
InnerMembrane 4.069 *
Cytoplasmic 0.438

SeqID: fig|6666666.171271.peg.2440
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.265
Di-peptide OuterMembrane 0.490
part-Comp. Extracellular 0.381
chemo-typy Extracellular 0.470
Neighboring Cytoplasmic 0.420

Combined SVM classifier:
Extracellular 1.666 *
OuterMembrane 1.024 *
Periplasmic 0.790
InnerMembrane 0.397
Cytoplasmic 1.123 *

SeqID: fig|6666666.171271.peg.2441
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.501
Di-peptide Periplasmic 0.576
part-Comp. Cytoplasmic 0.600
chemo-typy Cytoplasmic 0.722
Neighboring Cytoplasmic 0.572

Combined SVM classifier:
Extracellular 0.235
OuterMembrane 0.105
Periplasmic 1.790
InnerMembrane 0.116
Cytoplasmic 2.754 *

SeqID: fig|6666666.171271.peg.2442
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.965
Di-peptide Cytoplasmic 0.822
part-Comp. Cytoplasmic 0.975
chemo-typy Cytoplasmic 0.999
Neighboring Cytoplasmic 0.993

Combined SVM classifier:
Extracellular 0.017
OuterMembrane 0.128
Periplasmic 0.035
InnerMembrane 0.066
### SeqID: fig|6666666.171271.peg.2443

**CELLO prediction:**

<table>
<thead>
<tr>
<th>(predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>InnerMembrane</td>
<td>0.849</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.994</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.918</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.984</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.943</td>
</tr>
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**Combined SVM classifier:**

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<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.025</td>
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<tr>
<td>OuterMembrane</td>
<td>0.078</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.064</td>
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<tr>
<td>InnerMembrane</td>
<td>4.688 *</td>
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<tr>
<td>Cytoplasmic</td>
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### SeqID: fig|6666666.171271.peg.2444

**CELLO prediction:**

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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.522</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.932</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.737</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.762</td>
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<td>Cytoplasmic</td>
<td>0.450</td>
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**Combined SVM classifier:**

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<thead>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.589</td>
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<tr>
<td>OuterMembrane</td>
<td>0.210</td>
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<tr>
<td>Periplasmic</td>
<td>0.624</td>
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<tr>
<td>InnerMembrane</td>
<td>0.174</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.403 *</td>
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### SeqID: fig|6666666.171271.peg.2445

**CELLO prediction:**

<table>
<thead>
<tr>
<th>(predictor</th>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.604</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.974</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.743</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.988</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.511</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<p>| | |</p>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.284</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.075</td>
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<tr>
<td>Periplasmic</td>
<td>0.654</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.165</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.822 *</td>
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### SeqID: fig|6666666.171271.peg.2446

CELLO prediction:

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<th>Predictor</th>
<th>Location</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.645</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.866</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.905</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.855</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.800</td>
</tr>
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</table>

Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>SVM Classifier</th>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.150</td>
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<tr>
<td>OuterMembrane</td>
<td>0.040</td>
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<tr>
<td>Periplasmic</td>
<td>1.031</td>
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<tr>
<td>InnerMembrane</td>
<td>0.029</td>
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<tr>
<td>Cytoplasmic</td>
<td>3.750</td>
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### SeqID: fig|6666666.171271.peg.2447

CELLO prediction:

<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.265</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.672</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.395</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.840</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.363</td>
</tr>
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</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>SVM Classifier</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.961</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.633</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.439</td>
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<tr>
<td>InnerMembrane</td>
<td>0.231</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.736</td>
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</table>

### SeqID: fig|6666666.171271.peg.2448

CELLO prediction:

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<tr>
<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.373</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
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<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.456</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.516</td>
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Combined SVM classifier:

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<tr>
<th>Location</th>
<th>SVM Classifier</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.708</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.348</td>
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<tr>
<td>Periplasmic</td>
<td>0.530</td>
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<tr>
<td>InnerMembrane</td>
<td>1.589</td>
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<tr>
<td>Cytoplasmic</td>
<td>1.825</td>
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### SeqID: fig|6666666.171271.peg.2449

CELLO prediction:
### CELLO prediction

| SeqID: fig|6666666.171271.peg.2450 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | OuterMembrane | 0.635 |
| Di-peptide | OuterMembrane | 0.627 |
| part-Comp. | OuterMembrane | 0.894 |
| chemo-typy | OuterMembrane | 0.952 |
| Neighboring | OuterMembrane | 0.687 |
| Combined SVM classifier: |
| Extracellular | 0.430 |
| OuterMembrane | 3.795 * |
| Periplasmic | 0.357 |
| InnerMembrane | 0.183 |
| Cytoplasmic | 0.236 |

| SeqID: fig|6666666.171271.peg.2451 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.907 |
| Di-peptide | Cytoplasmic | 0.643 |
| part-Comp. | Cytoplasmic | 0.701 |
| chemo-typy | Cytoplasmic | 0.817 |
| Neighboring | Cytoplasmic | 0.950 |
| Combined SVM classifier: |
| Extracellular | 0.333 |
| OuterMembrane | 0.054 |
| Periplasmic | 0.433 |
| InnerMembrane | 0.161 |
| Cytoplasmic | 4.019 * |

| SeqID: fig|6666666.171271.peg.2452 |
|-----------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.591 |
| Di-peptide | Periplasmic | 0.708 |
| part-Comp. | Periplasmic | 0.699 |
cheto-typy       Cytoplasmic 0.897
Neighboring     Periplasmic 0.452

Combined SVM classifier:
Extracellular    0.133
OuterMembrane    0.024
Periplasmic      2.052 *
InnerMembrane    0.531
Cytoplasmic      2.260 *

SeqID: fig|6666666.171271.peg.2453
CELLO prediction:
(predictor  location   reliable-index)
Composition    Periplasmic 0.272
Di-peptide     Cytoplasmic 0.662
part-Comp.     Cytoplasmic 0.406
cheto-typy     Cytoplasmic 0.934
Neighboring    Periplasmic 0.446

Combined SVM classifier:
Extracellular    0.539
OuterMembrane    0.194
Periplasmic      1.335
InnerMembrane    0.368
Cytoplasmic      2.565 *

SeqID: fig|6666666.171271.peg.2454
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic 0.290
Di-peptide     InnerMembrane 0.538
part-Comp.     InnerMembrane 0.435
cheto-typy     InnerMembrane 0.466
Neighboring    OuterMembrane 0.444

Combined SVM classifier:
Extracellular    0.276
OuterMembrane    1.625 *
Periplasmic      0.425
InnerMembrane    2.015 *
Cytoplasmic      0.658

SeqID: fig|6666666.171271.peg.2455
CELLO prediction:
(predictor  location   reliable-index)
Composition    Cytoplasmic 0.883
Di-peptide     Cytoplasmic 0.916
part-Comp.     Cytoplasmic 0.781
cheto-typy     Cytoplasmic 0.845
Neighboring    Cytoplasmic 0.894

Combined SVM classifier:
<table>
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<tr>
<th>Location</th>
<th>CELLO Prediction:</th>
<th>Combined SVM Classifier:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Extracellular</strong></td>
<td>0.102</td>
<td>Extracellular 0.067</td>
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<tr>
<td><strong>OuterMembrane</strong></td>
<td>0.078</td>
<td>OuterMembrane 0.021</td>
</tr>
<tr>
<td><strong>Periplasmic</strong></td>
<td>0.267</td>
<td>Periplasmic 0.062</td>
</tr>
<tr>
<td><strong>InnerMembrane</strong></td>
<td>0.235</td>
<td>InnerMembrane 4.791 *</td>
</tr>
<tr>
<td><strong>Cytoplasmic</strong></td>
<td>4.318 *</td>
<td>Cytoplasmic 0.059</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.2456

<table>
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<tr>
<th>Location</th>
<th>CELLO Prediction:</th>
<th>Combined SVM Classifier:</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Periplasmic</strong></td>
<td>0.267</td>
<td>Extracellular 0.838</td>
</tr>
<tr>
<td><strong>Cytoplasmic</strong></td>
<td>0.726</td>
<td>OuterMembrane 0.370</td>
</tr>
<tr>
<td><strong>InnerMembrane</strong></td>
<td>0.281</td>
<td>Periplasmic 1.035</td>
</tr>
<tr>
<td><strong>Cytoplasmic</strong></td>
<td>2.360 *</td>
<td>InnerMembrane 0.397</td>
</tr>
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SeqID: fig|6666666.171271.peg.2458

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<tr>
<th>Location</th>
<th>CELLO Prediction:</th>
<th>Combined SVM Classifier:</th>
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<tbody>
<tr>
<td><strong>Extracellular</strong></td>
<td>1.684 *</td>
<td>Extracellular 1.684 *</td>
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<tr>
<td><strong>OuterMembrane</strong></td>
<td>0.607</td>
<td>OuterMembrane 0.607</td>
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<tr>
<td><strong>Periplasmic</strong></td>
<td>0.899</td>
<td>Periplasmic 0.899</td>
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<tr>
<td><strong>InnerMembrane</strong></td>
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<tr>
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<tr>
<td>(predictor          location    reliable-index)</td>
<td></td>
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<tr>
<td>Composition        InnerMembrane  0.362</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Di-peptide         InnerMembrane  0.384</td>
<td></td>
<td></td>
</tr>
<tr>
<td>part-Comp.         InnerMembrane  0.673</td>
<td></td>
<td></td>
</tr>
<tr>
<td>chemo-typy         InnerMembrane  0.379</td>
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<td></td>
</tr>
<tr>
<td>Neighboring        InnerMembrane  0.957</td>
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<td>OuterMembrane 1.012</td>
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<tr>
<td>Periplasmic 0.207</td>
</tr>
<tr>
<td>InnerMembrane 2.756 *</td>
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<tr>
<td>Cytoplasmic 0.469</td>
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</table>

| SeqID: fig|6666666.171271.peg.2460 |
|-----------------|
| CELLO prediction: |
| (predictor          location    reliable-index) |
| Composition        InnerMembrane  0.501 |
| Di-peptide         InnerMembrane  1.000 |
| part-Comp.         InnerMembrane  0.642 |
| chemo-typy         InnerMembrane  1.000 |
| Neighboring        InnerMembrane  0.835 |

<table>
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<td>OuterMembrane 0.123</td>
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<td>Periplasmic 0.220</td>
</tr>
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<td>InnerMembrane 3.977 *</td>
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<tr>
<td>Cytoplasmic 0.460</td>
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| SeqID: fig|6666666.171271.peg.2461 |
|-----------------|
| CELLO prediction: |
| (predictor          location    reliable-index) |
| Composition        Periplasmic  0.265 |
| Di-peptide         Cytoplasmic  0.757 |
| part-Comp.         Cytoplasmic  0.367 |
| chemo-typy         Cytoplasmic  0.871 |
| Neighboring        Cytoplasmic  0.334 |

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<tbody>
<tr>
<td>Extracellular 0.716</td>
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<td>OuterMembrane 0.306</td>
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<tr>
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<tr>
<td>InnerMembrane 0.463</td>
</tr>
<tr>
<td>Cytoplasmic 2.570 *</td>
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### SeqID: fig|6666666.171271.peg.2462

**CELLO prediction:**

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<th>Predictor</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.878</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.536</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.790</td>
</tr>
<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.481</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.370
- OuterMembrane: 0.269
- Periplasmic: 0.597
- InnerMembrane: 2.606 *
- Cytoplasmic: 1.157

### SeqID: fig|6666666.171271.peg.2463

**CELLO prediction:**

<table>
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<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.886</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.405</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.473</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.407</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.823
- OuterMembrane: 0.256
- Periplasmic: 0.694
- InnerMembrane: 1.966 *
- Cytoplasmic: 1.261

### SeqID: fig|6666666.171271.peg.2464

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.270</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.464</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.302</td>
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</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.842
- OuterMembrane: 0.296
- Periplasmic: 0.947
- InnerMembrane: 0.784
- Cytoplasmic: 2.132 *

### SeqID: fig|6666666.171271.peg.2465

**CELLO prediction:**


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<tr>
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<td>Di-peptide         Cytoplasmic 0.335</td>
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<td>part-Comp.         Cytoplasmic 0.415</td>
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<td>chemo-typy         Cytoplasmic 0.633</td>
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<tr>
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<td>Periplasmic 0.576</td>
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<td>InnerMembrane 0.218</td>
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<td>Cytoplasmic 2.773 *</td>
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<table>
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<tr>
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<td>(predictor  location   reliable-index)</td>
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<tr>
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<td>Composition        InnerMembrane 0.386</td>
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<tr>
<td></td>
<td>chemo-typy         Cytoplasmic 0.324</td>
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<td>Neighboring        Extracellular 0.259</td>
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<td>Combined SVM classifier:</td>
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<tr>
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<td>Extracellular 0.915</td>
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<tr>
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<td>OuterMembrane 0.441</td>
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<td></td>
<td>Periplasmic 0.802</td>
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<tr>
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<td>InnerMembrane 1.172 *</td>
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<td>Cytoplasmic 1.671 *</td>
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<table>
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<td>(predictor  location   reliable-index)</td>
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<tr>
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<td>Composition        Cytoplasmic 0.691</td>
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<tr>
<td></td>
<td>Di-peptide         OuterMembrane 0.506</td>
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<tr>
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<td>part-Comp.         Cytoplasmic 0.845</td>
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SeqID: fig|6666666.171271.peg.2469
CELO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.905
Di-peptide Cytoplasmic 0.936
part-Comp. Cytoplasmic 0.955
chemo-typy Cytoplasmic 0.976
Neighboring Cytoplasmic 0.965

Combined SVM classifier:
Extracellular 0.091
OuterMembrane 0.095
Periplasmic 0.050
InnerMembrane 0.027
Cytoplasmic 4.737 *

SeqID: fig|6666666.171271.peg.2470
CELO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.466
Di-peptide OuterMembrane 0.850
part-Comp. OuterMembrane 0.488
chemo-typy OuterMembrane 0.576
Neighboring OuterMembrane 0.842

Combined SVM classifier:
Extracellular 1.304
OuterMembrane 3.222 *
Periplasmic 0.142
InnerMembrane 0.193
Cytoplasmic 0.139

SeqID: fig|6666666.171271.peg.2471
CELO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.654
Di-peptide Cytoplasmic 0.575
part-Comp. Cytoplasmic 0.835
chemo-typy Cytoplasmic 0.627
Neighboring Cytoplasmic 0.733

Combined SVM classifier:
Extracellular 0.470
OuterMembrane 0.252
Periplasmic 0.790
InnerMembrane 0.063
Cytoplasmic 3.425 *

SeqID: fig|6666666.171271.peg.2472
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.256
Di-peptide OuterMembrane 0.785
part-Comp. Extracellular 0.314
chemo-typy Extracellular 0.814
Neighboring Extracellular 0.482

Combined SVM classifier:
Extracellular 1.897 *
OuterMembrane 1.263 *
Periplasmic 0.676
InnerMembrane 0.351
Cytoplasmic 0.813

SeqID: fig|6666666.171271.peg.2473
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.268
Di-peptide InnerMembrane 0.573
part-Comp. Cytoplasmic 0.357
chemo-typy Periplasmic 0.572
Neighboring Cytoplasmic 0.347

Combined SVM classifier:
Extracellular 0.902
OuterMembrane 0.296
Periplasmic 1.357 *
InnerMembrane 1.015 *
Cytoplasmic 1.430 *

SeqID: fig|6666666.171271.peg.2474
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.706
Di-peptide Cytoplasmic 0.957
part-Comp. Cytoplasmic 0.917
chemo-typy Cytoplasmic 0.937
Neighboring Cytoplasmic 0.925

Combined SVM classifier:
Extracellular 0.175
OuterMembrane 0.088
Periplasmic 0.107
InnerMembrane 0.188
CELLO prediction:

(predictor  location   reliable-index)
Composition     Cytoplasmic  0.594
Di-peptide     Cytoplasmic  0.808
part-Comp.     Cytoplasmic  0.516
chemo-typy     Cytoplasmic  0.813
Neighboring    Cytoplasmic  0.673

Combined SVM classifier:

Extracellular  0.257
OuterMembrane  0.149
Periplasmic    0.720
InnerMembrane  0.471
Cytoplasmic    3.403 *

CELLO prediction:

(predictor  location   reliable-index)
Composition     InnerMembrane  0.691
Di-peptide     InnerMembrane  0.680
part-Comp.     InnerMembrane  0.811
chemo-typy     InnerMembrane  0.772
Neighboring    InnerMembrane  0.789

Combined SVM classifier:

Extracellular  0.066
OuterMembrane  0.554
Periplasmic    0.220
InnerMembrane  3.743 *
Cytoplasmic    0.418

CELLO prediction:

(predictor  location   reliable-index)
Composition     Cytoplasmic  0.494
Di-peptide     Cytoplasmic  0.925
part-Comp.     Cytoplasmic  0.777
chemo-typy     Cytoplasmic  0.778
Neighboring    Cytoplasmic  0.636

Combined SVM classifier:

Extracellular  0.430
OuterMembrane  0.276
Periplasmic    0.519
InnerMembrane  0.166
Cytoplasmic    3.609 *
SeqID: fig|666666.171271.peg.2478

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.368
Di-peptide OuterMembrane 0.771
part-Comp. Cytoplasmic 0.657
chemo-typy Cytoplasmic 0.622
Neighboring Cytoplasmic 0.355

Combined SVM classifier:

Extracellular 0.993
OuterMembrane 1.329
Periplasmic 0.433
InnerMembrane 0.203
Cytoplasmic 2.042 *

SeqID: fig|666666.171271.peg.2479

CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.625
Di-peptide InnerMembrane 0.437
part-Comp. OuterMembrane 0.624
chemo-typy Periplasmic 0.801
Neighboring OuterMembrane 0.882

Combined SVM classifier:

Extracellular 0.280
OuterMembrane 2.604 *
Periplasmic 0.934
InnerMembrane 0.741
Cytoplasmic 0.441

SeqID: fig|666666.171271.peg.2480

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.375
Di-peptide Cytoplasmic 0.835
part-Comp. Cytoplasmic 0.862
chemo-typy Cytoplasmic 0.831
Neighboring Cytoplasmic 0.695

Combined SVM classifier:

Extracellular 0.384
OuterMembrane 0.509
Periplasmic 0.349
InnerMembrane 0.158
Cytoplasmic 3.599 *

SeqID: fig|666666.171271.peg.2481

CELLO prediction:
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<td>InnerMembrane</td>
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Combined SVM classifier:

| Extracellular | 0.004 |
| OuterMembrane | 0.012 |
| Periplasmic | 0.004 |
| InnerMembrane | 4.976 * |
| Cytoplasmic | 0.005 |

<table>
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Combined SVM classifier:

| Extracellular | 0.008 |
| OuterMembrane | 0.027 |
| Periplasmic | 0.068 |
| InnerMembrane | 0.046 |
| Cytoplasmic | 4.851 * |

<table>
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<tr>
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<td>InnerMembrane</td>
<td>0.993</td>
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</tbody>
</table>

Combined SVM classifier:

| Extracellular | 1.426 * |
| OuterMembrane | 0.854 |
| Periplasmic | 1.113 * |
| InnerMembrane | 0.526 |
| Cytoplasmic | 1.081 * |
cheto-typy InnerMembrane 0.973
Neighboring InnerMembrane 0.994

Combined SVM classifier:
Extracellular 0.019
OuterMembrane 0.022
Periplasmic 0.024
InnerMembrane 4.918 *
Cytoplasmic 0.018

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******
SeqID: fig|6666666.171271.peg.2485
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.444
Di-peptide OuterMembrane 0.633
part-Comp. Extracellular 0.325
cheto-typy Extracellular 0.774
Neighboring Extracellular 0.632

Combined SVM classifier:
Extracellular 2.230 *
OuterMembrane 1.370
Periplasmic 0.371
InnerMembrane 0.250
Cytoplasmic 0.779

***********************************************************************
******
SeqID: fig|6666666.171271.peg.2486
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.754
Di-peptide Cytoplasmic 0.789
part-Comp. Cytoplasmic 0.752
cheto-typy Cytoplasmic 0.288
Neighboring Cytoplasmic 0.591

Combined SVM classifier:
Extracellular 0.373
OuterMembrane 1.116
Periplasmic 0.236
InnerMembrane 0.102
Cytoplasmic 3.173 *

***********************************************************************
******
SeqID: fig|6666666.171271.peg.2487
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.343
Di-peptide Cytoplasmic 0.778
part-Comp. Cytoplasmic 0.445
cheto-typy Cytoplasmic 0.665
Neighboring Cytoplasmic 0.729

Combined SVM classifier:
<table>
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<tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.565</td>
</tr>
<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>Periplasmic</td>
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SeqID: fig|6666666.171271.peg.2488

CELLO prediction:

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<td>Composition</td>
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<tr>
<td>Di-peptide</td>
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<td>Cytoplasmic</td>
<td>0.373</td>
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<td>chemo-typTy</td>
<td>Cytoplasmic</td>
<td>0.851</td>
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<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.564</td>
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Combined SVM classifier:

<table>
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<tbody>
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<td>OuterMembrane</td>
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<td>Periplasmic</td>
<td>0.797</td>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.2489

CELLO prediction:

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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.270</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>0.391</td>
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Combined SVM classifier:

<table>
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<tr>
<th>Location</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.726</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.353</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.779</td>
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<tr>
<td>InnerMembrane</td>
<td>0.350</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.792</td>
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SeqID: fig|6666666.171271.peg.2490

CELLO prediction:

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<th>Predictor</th>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Extracellular</td>
<td>0.831</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Extracellular</td>
<td>0.907</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.773</td>
</tr>
<tr>
<td>chemo-typTy</td>
<td>Extracellular</td>
<td>0.846</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.568</td>
</tr>
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</table>

Combined SVM classifier:

<table>
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<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<tr>
<td>Periplasmic</td>
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</tr>
<tr>
<td>InnerMembrane</td>
<td>0.067</td>
</tr>
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</table>
Cytoplasmic 0.104

SeqID: fig|6666666.171271.peg.2491
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.431
Di-peptide  Extracellular  0.696
part-Comp.  Extracellular  0.426
chemo-typy  OuterMembrane  0.523
Neighboring  Extracellular  0.747

Combined SVM classifier:
Extracellular  2.616 *
OuterMembrane  0.966
Periplasmic  0.456
InnerMembrane  0.606
Cytoplasmic  0.356

SeqID: fig|6666666.171271.peg.2492
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.534
Di-peptide  Cytoplasmic  0.535
part-Comp.  Cytoplasmic  0.331
chemo-typy  Periplasmic  0.917
Neighboring  Cytoplasmic  0.447

Combined SVM classifier:
Extracellular  0.553
OuterMembrane  0.246
Periplasmic  1.521 *
InnerMembrane  0.820
Cytoplasmic  1.860 *

SeqID: fig|6666666.171271.peg.2493
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular  0.373
Di-peptide  Extracellular  0.395
part-Comp.  Cytoplasmic  0.534
chemo-typy  Cytoplasmic  0.655
Neighboring  Cytoplasmic  0.540

Combined SVM classifier:
Extracellular  1.539 *
OuterMembrane  0.894
Periplasmic  0.259
InnerMembrane  0.093
Cytoplasmic  2.215 *
SeqID: fig|6666666.171271.peg.2494

CELLO prediction:

(predictor | location      | reliable-index)
Composition  | InnerMembrane | 0.772
Di-peptide   | InnerMembrane | 0.994
part-Comp.   | InnerMembrane | 0.486
chemo-typy   | InnerMembrane | 0.964
Neighboring  | InnerMembrane | 0.773

Combined SVM classifier:

Extracellular | 0.140
OuterMembrane | 0.139
Periplasmic    | 0.124
InnerMembrane  | 3.989 *
Cytoplasmic    | 0.608

SeqID: fig|6666666.171271.peg.2495

CELLO prediction:

(predictor | location      | reliable-index)
Composition  | OuterMembrane | 0.617
Di-peptide   | Cytoplasmic   | 0.418
part-Comp.   | OuterMembrane | 0.645
chemo-typy   | OuterMembrane | 0.885
Neighboring  | OuterMembrane | 0.883

Combined SVM classifier:

Extracellular | 0.769
OuterMembrane | 3.233 *
Periplasmic    | 0.178
InnerMembrane  | 0.112
Cytoplasmic    | 0.708

SeqID: fig|6666666.171271.peg.2496

CELLO prediction:

(predictor | location      | reliable-index)
Composition  | Cytoplasmic   | 0.735
Di-peptide   | Cytoplasmic   | 0.755
part-Comp.   | Cytoplasmic   | 0.776
chemo-typy   | Cytoplasmic   | 0.779
Neighboring  | Cytoplasmic   | 0.654

Combined SVM classifier:

Extracellular | 0.648
OuterMembrane | 0.117
Periplasmic    | 0.454
InnerMembrane  | 0.080
Cytoplasmic    | 3.701 *

SeqID: fig|6666666.171271.peg.2497

CELLO prediction:
| SeqID: fig|6666666.171271.peg.2498 |
|---|
| CELLO prediction: |
| (predictor location reliable-index) |
| Composition | Cytoplasmic | 0.445 |
| Di-peptide | Cytoplasmic | 0.851 |
| part-Comp. | Cytoplasmic | 0.650 |
| chemo-typy | Cytoplasmic | 0.524 |
| Neighboring | Cytoplasmic | 0.838 |

**Combined SVM classifier:**

| Extracellular | 0.431 |
| OuterMembrane | 0.279 |
| Periplasmic | 0.444 |
| InnerMembrane | 0.538 |
| Cytoplasmic | 3.307 * |

******

SeqID: fig|6666666.171271.peg.2499

CELLO prediction:

| (predictor location reliable-index) |
| Composition | Cytoplasmic | 0.862 |
| Di-peptide | Cytoplasmic | 0.660 |
| part-Comp. | Cytoplasmic | 0.861 |
| chemo-typy | Cytoplasmic | 0.292 |
| Neighboring | Cytoplasmic | 0.926 |

**Combined SVM classifier:**

| Extracellular | 1.067 * |
| OuterMembrane | 0.374 |
| Periplasmic | 1.282 * |
| InnerMembrane | 0.547 |
| Cytoplasmic | 1.730 * |

******

SeqID: fig|6666666.171271.peg.2500

CELLO prediction:

| (predictor location reliable-index) |
| Composition | InnerMembrane | 0.982 |
| Di-peptide | InnerMembrane | 0.999 |
| part-Comp. | InnerMembrane | 0.985 |

**Combined SVM classifier:**

| Extracellular | 0.306 |
| OuterMembrane | 0.545 |
| Periplasmic | 0.344 |
| InnerMembrane | 0.204 |
| Cytoplasmic | 3.601 * |
chemo-typy InnerMembrane 0.995
Neighboring InnerMembrane 0.999

Combined SVM classifier:
Extracellular 0.005
OuterMembrane 0.011
Periplasmic 0.010
InnerMembrane 4.961 *
Cytoplasmic 0.013

SeqID: fig|6666666.171271.peg.2501
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.614
Di-peptide InnerMembrane 0.983
part-Comp. InnerMembrane 0.706
chemo-typy InnerMembrane 0.968
Neighboring InnerMembrane 0.970

Combined SVM classifier:
Extracellular 0.130
OuterMembrane 0.163
Periplasmic 0.158
InnerMembrane 4.241 *
Cytoplasmic 0.308

SeqID: fig|6666666.171271.peg.2502
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.989
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.996
chemo-typy InnerMembrane 0.953
Neighboring InnerMembrane 0.998

Combined SVM classifier:
Extracellular 0.011
OuterMembrane 0.018
Periplasmic 0.013
InnerMembrane 4.936 *
Cytoplasmic 0.023

SeqID: fig|6666666.171271.peg.2503
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.825
Di-peptide Cytoplasmic 0.845
part-Comp. Cytoplasmic 0.809
chemo-typy Cytoplasmic 0.694
Neighboring Cytoplasmic 0.812

Combined SVM classifier:
Extracellular 0.209
OuterMembrane 0.289
Periplasm 0.459
InnerMembrane 0.060
Cytoplasmic 3.984 *

SeqID: fig|6666666.171271.peg.2504
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.921
Di-peptide InnerMembrane 0.997
part-Comp. InnerMembrane 0.988
chemo-typy InnerMembrane 0.914
Neighboring InnerMembrane 0.970

Combined SVM classifier:
Extracellular 0.030
OuterMembrane 0.095
Periplasm 0.036
InnerMembrane 4.790 *
Cytoplasmic 0.049

SeqID: fig|6666666.171271.peg.2505
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.888
Di-peptide Cytoplasmic 0.668
part-Comp. Cytoplasmic 0.765
chemo-typy Cytoplasmic 0.731
Neighboring Cytoplasmic 0.909

Combined SVM classifier:
Extracellular 0.112
OuterMembrane 0.090
Periplasm 0.508
InnerMembrane 0.329
Cytoplasmic 3.961 *

SeqID: fig|6666666.171271.peg.2506
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.966
Di-peptide Cytoplasmic 0.978
part-Comp. Cytoplasmic 0.989
chemo-typy Cytoplasmic 0.826
Neighboring Cytoplasmic 0.993

Combined SVM classifier:
Extracellular 0.070
OuterMembrane 0.048
Periplasm 0.114
InnerMembrane 0.018
Cytoplasmic 4.751 *

SeqID: fig|6666666.171271.peg.2507
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.389
Di-peptide Cytoplasmic 0.799
part-Comp. Extracellular 0.549
chemo-typy Cytoplasmic 0.822
Neighboring Extracellular 0.419

Combined SVM classifier:
Extracellular 1.345
OuterMembrane 0.494
Periplasmic 0.472
InnerMembrane 0.093
Cytoplasmic 2.596 *

SeqID: fig|6666666.171271.peg.2508
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.914
Di-peptide Cytoplasmic 0.957
part-Comp. Cytoplasmic 0.971
chemo-typy Cytoplasmic 0.532
Neighboring Cytoplasmic 0.910

Combined SVM classifier:
Extracellular 0.077
OuterMembrane 0.123
Periplasmic 0.450
InnerMembrane 0.067
Cytoplasmic 4.283 *

SeqID: fig|6666666.171271.peg.2509
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.451
Di-peptide Cytoplasmic 0.836
part-Comp. Cytoplasmic 0.410
chemo-typy Cytoplasmic 0.892
Neighboring Cytoplasmic 0.681

Combined SVM classifier:
Extracellular 0.955
OuterMembrane 0.539
Periplasmic 0.164
InnerMembrane 0.116
Cytoplasmic 3.226 *
SeqID: fig|6666666.171271.peg.2510

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.699
Di-peptide Cytoplasmic 0.978
part-Comp. Cytoplasmic 0.951
chemo-typy Cytoplasmic 0.958
Neighboring Cytoplasmic 0.873

Combined SVM classifier:

Extracellular 0.197
OuterMembrane 0.154
Periplasmic 0.121
InnerMembrane 0.069
Cytoplasmic 4.459 *

SeqID: fig|6666666.171271.peg.2511

CELLO prediction:

(predictor location reliable-index)
Composition OuterMembrane 0.303
Di-peptide OuterMembrane 0.548
part-Comp. Cytoplasmic 0.589
chemo-typy Periplasmic 0.652
Neighboring Cytoplasmic 0.745

Combined SVM classifier:

Extracellular 0.703
OuterMembrane 1.147
Periplasmic 0.904
InnerMembrane 0.334
Cytoplasmic 1.912 *

SeqID: fig|6666666.171271.peg.2512

CELLO prediction:

(predictor location reliable-index)
Composition Periplasmic 0.267
Di-peptide Cytoplasmic 0.464
part-Comp. Cytoplasmic 0.438
chemo-typy Cytoplasmic 0.726
Neighboring Cytoplasmic 0.599

Combined SVM classifier:

Extracellular 0.565
OuterMembrane 0.283
Periplasmic 1.375
InnerMembrane 0.304
Cytoplasmic 2.473 *

SeqID: fig|6666666.171271.peg.2513

CELLO prediction:
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<th>CELLO prediction:</th>
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<tr>
<td></td>
<td>Periplasmic:               0.531</td>
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<td>Extracellular:             0.396</td>
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<td>Composition              Cytoplasmic 0.299</td>
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<td>Di-peptide               Cytoplasmic 0.855</td>
</tr>
<tr>
<td></td>
<td>part-Comp.               Cytoplasmic 0.576</td>
</tr>
<tr>
<td></td>
<td>chemo-typy                Cytoplasmic 0.944</td>
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<td></td>
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<td>composition</td>
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<tr>
<td></td>
<td>Periplasmic:               0.547</td>
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<tr>
<td></td>
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<td></td>
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<td>(predictor  location   reliable-index)</td>
</tr>
<tr>
<td></td>
<td>Composition              Cytoplasmic 0.459</td>
</tr>
<tr>
<td></td>
<td>Di-peptide               Cytoplasmic 0.536</td>
</tr>
<tr>
<td></td>
<td>part-Comp.               Cytoplasmic 0.567</td>
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</table>
chemo-typy  Cytoplasmic  0.979
Neighboring  OuterMembrane  0.464

Combined SVM classifier:
Extracellular  0.616
OuterMembrane  1.025
Periplasmic  0.314
InnerMembrane  0.213
Cytoplasmic  2.831 *

SeqID: fig|6666666.171271.peg.2517
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.475
Di-peptide  Cytoplasmic  0.664
part-Comp.  Cytoplasmic  0.709
chemo-typy  Periplasmic  0.590
Neighboring  Cytoplasmic  0.624

Combined SVM classifier:
Extracellular  0.711
OuterMembrane  0.641
Periplasmic  0.844
InnerMembrane  0.214
Cytoplasmic  2.589 *

SeqID: fig|6666666.171271.peg.2518
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.405
Di-peptide  Cytoplasmic  0.810
part-Comp.  Cytoplasmic  0.716
chemo-typy  Cytoplasmic  0.624
Neighboring  Cytoplasmic  0.820

Combined SVM classifier:
Extracellular  0.430
OuterMembrane  0.445
Periplasmic  0.479
InnerMembrane  0.272
Cytoplasmic  3.374 *

SeqID: fig|6666666.171271.peg.2519
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.978
Di-peptide  Cytoplasmic  0.861
part-Comp.  Cytoplasmic  0.796
chemo-typy  Cytoplasmic  0.752
Neighboring  Cytoplasmic  0.855

Combined SVM classifier:
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<tbody>
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<tr>
<td>OuterMembrane</td>
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</tr>
<tr>
<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.2520

CELLO prediction:

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<tr>
<td>Composition</td>
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<td>Di-peptide</td>
<td>OuterMembrane</td>
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<td>Cytoplasmic</td>
<td>0.361</td>
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<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.703</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.331</td>
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Combined SVM classifier:

<table>
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<tbody>
<tr>
<td>Extracellular</td>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.955</td>
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<tr>
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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.2521

CELLO prediction:

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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.264</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.952</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.536</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.760</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.487</td>
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Combined SVM classifier:

<table>
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<tr>
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<th>Value</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.318</td>
</tr>
<tr>
<td>Periplasmic</td>
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<td>InnerMembrane</td>
<td>0.302</td>
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<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.2522

CELLO prediction:

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<th>Value</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.865</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
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<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.711</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.281</td>
</tr>
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Combined SVM classifier:

<table>
<thead>
<tr>
<th>Location</th>
<th>Value</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.741</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.432</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.623</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.311</td>
</tr>
</tbody>
</table>
Cytoplasmic  1.893 *

SeqID: fig|6666666.171271.peg.2523
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.265
Di-peptide   InnerMembrane  0.524
part-Comp.   Cytoplasmic  0.313
chemo-typy  InnerMembrane  0.566
Neighboring  Cytoplasmic  0.273

Combined SVM classifier:
Extracellular  0.745
OuterMembrane  0.433
Periplasmic   0.995
InnerMembrane  1.668 *
Cytoplasmic   1.159 *

SeqID: fig|6666666.171271.peg.2524
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.395
Di-peptide   Cytoplasmic  0.468
part-Comp.   Cytoplasmic  0.395
chemo-typy  Periplasmic  0.657
Neighboring  Extracellular  0.302

Combined SVM classifier:
Extracellular  0.726
OuterMembrane  0.948
Periplasmic   1.114 *
InnerMembrane  0.593
Cytoplasmic   1.620 *

SeqID: fig|6666666.171271.peg.2525
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.580
Di-peptide   OuterMembrane  0.447
part-Comp.   OuterMembrane  0.447
chemo-typy  OuterMembrane  0.639
Neighboring  OuterMembrane  0.907

Combined SVM classifier:
Extracellular  0.501
OuterMembrane  3.020 *
Periplasmic   0.307
InnerMembrane  0.845
Cytoplasmic   0.327
SeqID: fig|6666666.171271.peg.2526

CELLO prediction:

(predictor location reliable-index)
Composition InnerMembrane 0.945
Di-peptide InnerMembrane 0.997
part-Comp. InnerMembrane 0.963
chemo-typy InnerMembrane 0.996
Neighboring InnerMembrane 0.984

Combined SVM classifier:
Extracellular 0.025
OuterMembrane 0.024
Periplasmic 0.022
InnerMembrane 4.885 *
Cytoplasmic 0.044

SeqID: fig|6666666.171271.peg.2527

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.703
Di-peptide Cytoplasmic 0.920
part-Comp. Cytoplasmic 0.665
chemo-typy Cytoplasmic 0.412
Neighboring Cytoplasmic 0.842

Combined SVM classifier:
Extracellular 0.386
OuterMembrane 0.460
Periplasmic 0.440
InnerMembrane 0.171
Cytoplasmic 3.543 *

SeqID: fig|6666666.171271.peg.2528

CELLO prediction:

(predictor location reliable-index)
Composition Cytoplasmic 0.360
Di-peptide Cytoplasmic 0.903
part-Comp. Cytoplasmic 0.914
chemo-typy Cytoplasmic 0.970
Neighboring Cytoplasmic 0.939

Combined SVM classifier:
Extracellular 0.344
OuterMembrane 0.150
Periplasmic 0.215
InnerMembrane 0.205
Cytoplasmic 4.086 *

SeqID: fig|6666666.171271.peg.2529

CELLO prediction:
<table>
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<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.743</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.794</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.940</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.735</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.916</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.163
- OuterMembrane: 0.365
- Periplasmic: 0.202
- InnerMembrane: 0.143
- Cytoplasmic: 4.127 *

SeqID: fig|6666666.171271.peg.2530
CELLO prediction:

<table>
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<tr>
<th>predictor</th>
<th>location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.405</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.905</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.630</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.913</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.546</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.679
- OuterMembrane: 0.331
- Periplasmic: 0.412
- InnerMembrane: 0.177
- Cytoplasmic: 3.400 *

SeqID: fig|6666666.171271.peg.2531
CELLO prediction:

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<tr>
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<th>location</th>
<th>reliable-index</th>
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<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.256</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.489</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.273</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 1.144 *
- OuterMembrane: 0.692
- Periplasmic: 1.245 *
- InnerMembrane: 0.384
- Cytoplasmic: 1.534 *

SeqID: fig|6666666.171271.peg.2532
CELLO prediction:
chemo-typy     Periplasmic  0.623
Neighboring     OuterMembrane  0.601

Combined SVM classifier:
Extracellular  1.118 *
OuterMembrane  1.059 *
Periplasmic    1.078 *
InnerMembrane  0.589
Cytoplasmic   1.156 *

***************************************************************************

SeqID: fig|6666666.171271.peg.2533
CELLO prediction:
(predictor  location   reliable-index)
Composition       Periplasmic  0.410
Di-peptide        Extracellular  0.348
part-Comp.         OuterMembrane  0.356
chemo-typy        Extracellular  0.312
Neighboring       OuterMembrane  0.481

Combined SVM classifier:
Extracellular  1.191 *
OuterMembrane  1.479 *
Periplasmic    1.342 *
InnerMembrane  0.104
Cytoplasmic   0.885

***************************************************************************

SeqID: fig|6666666.171271.peg.2534
CELLO prediction:
(predictor  location   reliable-index)
Composition       Cytoplasmic  0.988
Di-peptide        Cytoplasmic  0.551
part-Comp.        Cytoplasmic  0.788
chemo-typy       InnerMembrane  0.674
Neighboring       InnerMembrane  0.481

Combined SVM classifier:
Extracellular  0.064
OuterMembrane  0.242
Periplasmic    0.241
InnerMembrane  1.562
Cytoplasmic   2.890 *

***************************************************************************

SeqID: fig|6666666.171271.peg.2535
CELLO prediction:
(predictor  location   reliable-index)
Composition       InnerMembrane  0.952
Di-peptide        InnerMembrane  1.000
part-Comp.        InnerMembrane  1.000
chemo-typy       InnerMembrane  0.999
Neighboring       InnerMembrane  0.992

Combined SVM classifier:
CELLO prediction:

SeqID: fig|6666666.171271.peg.2536

Extracellular 0.012
OuterMembrane 0.011
Periplasmic 0.015
InnerMembrane 4.942 *
Cytoplasmic 0.019

SeqID: fig|6666666.171271.peg.2537

Extracellular 0.814
OuterMembrane 0.250
Periplasmic 0.931
InnerMembrane 2.228 *
Cytoplasmic 0.008

SeqID: fig|6666666.171271.peg.2538

Extracellular 1.070
OuterMembrane 0.306
Periplasmic 0.571
InnerMembrane 2.025 *
Cytoplasmic 1.028

SeqID: fig|6666666.171271.peg.2539
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.302
Di-peptide InnerMembrane 0.996
part-Comp. InnerMembrane 0.417
chemo-typy InnerMembrane 0.999
Neighboring InnerMembrane 0.515

Combined SVM classifier:
Extracellular 0.317
OuterMembrane 0.258
Periplasmic 0.330
InnerMembrane 3.230 *
Cytoplasmic 0.866

SeqID: fig|6666666.171271.peg.2540
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.248
Di-peptide InnerMembrane 0.835
part-Comp. Cytoplasmic 0.415
chemo-typy InnerMembrane 0.742
Neighboring InnerMembrane 0.637

Combined SVM classifier:
Extracellular 0.432
OuterMembrane 0.207
Periplasmic 0.688
InnerMembrane 2.608 *
Cytoplasmic 1.065

SeqID: fig|6666666.171271.peg.2541
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.339
Di-peptide Cytoplasmic 0.910
part-Comp. Cytoplasmic 0.669
chemo-typy Cytoplasmic 0.615
Neighboring Extracellular 0.312

Combined SVM classifier:
Extracellular 0.992
OuterMembrane 0.534
Periplasmic 0.260
InnerMembrane 0.448
Cytoplasmic 2.765 *
SeqID: fig|6666666.171271.peg.2542
CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.568
Di-peptide InnerMembrane 0.602
part-Comp. InnerMembrane 0.478
chemo-typy Periplasmic 0.470
Neighboring InnerMembrane 0.511

Combined SVM classifier:
Extracellular 0.239
OuterMembrane 0.556
Periplasmic 0.887
InnerMembrane 2.355 *
Cytoplasmic 0.963

SeqID: fig|6666666.171271.peg.2543
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.891
Di-peptide Cytoplasmic 0.962
part-Comp. Cytoplasmic 0.945
chemo-typy Cytoplasmic 0.786
Neighboring Cytoplasmic 0.983

Combined SVM classifier:
Extracellular 0.058
OuterMembrane 0.027
Periplasmic 0.225
InnerMembrane 0.122
Cytoplasmic 4.567 *

SeqID: fig|6666666.171271.peg.2544
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.599
Di-peptide Cytoplasmic 0.924
part-Comp. Cytoplasmic 0.720
chemo-typy Cytoplasmic 0.846
Neighboring Cytoplasmic 0.866

Combined SVM classifier:
Extracellular 0.427
OuterMembrane 0.219
Periplasmic 0.304
InnerMembrane 0.094
Cytoplasmic 3.956 *

SeqID: fig|6666666.171271.peg.2545
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.541
Di-peptide  Cytoplasmic  0.565
part-Comp.  Cytoplasmic  0.677
chemo-typy  Cytoplasmic  0.293
Neighboring  Cytoplasmic  0.709

Combined SVM classifier:
Extracellular  0.703
OuterMembrane  1.075
Periplasmic  0.324
InnerMembrane  0.112
Cytoplasmic  2.786 *

*******************************************************
******
SeqID: fig|6666666.171271.peg.2546
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.393
Di-peptide  OuterMembrane  0.405
part-Comp.  Cytoplasmic  0.777
chemo-typy  Extracellular  0.552
Neighboring  Cytoplasmic  0.725

Combined SVM classifier:
Extracellular  1.130
OuterMembrane  0.879
Periplasmic  0.334
InnerMembrane  0.198
Cytoplasmic  2.460 *

*******************************************************
******
SeqID: fig|6666666.171271.peg.2547
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.297
Di-peptide  Cytoplasmic  0.843
part-Comp.  Cytoplasmic  0.433

Combined SVM classifier:
Extracellular  1.085
OuterMembrane  1.117
Periplasmic  0.344
InnerMembrane  0.297
Cytoplasmic  2.156 *

*******************************************************
******
SeqID: fig|6666666.171271.peg.2548
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.297
Di-peptide  Cytoplasmic  0.843
part-Comp.  Cytoplasmic  0.433

Combined SVM classifier:
Extracellular  1.085
OuterMembrane  1.117
Periplasmic  0.344
InnerMembrane  0.297
Cytoplasmic  2.156 *
chemo-typy  Periplasmic  0.479  
Neighboring  Extracellular  0.468  

Combined SVM classifier:
Extracellular  1.048  
OuterMembrane  0.456  
Periplasmic  1.056  
InnerMembrane  0.340  
Cytoplasmic  2.100 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2549
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.268
Di-peptide  Cytoplasmic  0.930
part-Comp.  Cytoplasmic  0.554
chemo-typy  Cytoplasmic  0.982
Neighboring  Cytoplasmic  0.672

Combined SVM classifier:
Extracellular  0.549
OuterMembrane  0.242
Periplasmic  0.500
InnerMembrane  0.304
Cytoplasmic  3.405 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2550
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.373
Di-peptide  Cytoplasmic  0.630
part-Comp.  Cytoplasmic  0.704
chemo-typy  Cytoplasmic  0.898
Neighboring  Cytoplasmic  0.800

Combined SVM classifier:
Extracellular  0.553
OuterMembrane  0.481
Periplasmic  0.315
InnerMembrane  0.245
Cytoplasmic  3.406 *

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2551
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.612
Di-peptide  OuterMembrane  0.411
part-Comp.  Cytoplasmic  0.934
chemo-typy  OuterMembrane  0.360
Neighboring  Cytoplasmic  0.927

Combined SVM classifier:
Extracellular 0.591
OuterMembrane 0.942
Periplasmic 0.267
InnerMembrane 0.461
Cytoplasmic 2.739 *

******
SeqID: fig|6666666.171271.peg.2552
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.263
Di-peptide Cytoplasmic 0.868
part-Comp. Cytoplasmic 0.415
chemo-typy Periplasmic 0.395
Neighboring Cytoplasmic 0.393
Combined SVM classifier:
Extracellular 0.844
OuterMembrane 0.478
Periplasmic 1.065
InnerMembrane 0.342
Cytoplasmic 2.271 *

******
SeqID: fig|6666666.171271.peg.2553
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.522
Di-peptide OuterMembrane 0.705
part-Comp. Cytoplasmic 0.440
chemo-typy Cytoplasmic 0.725
Neighboring OuterMembrane 0.497
Combined SVM classifier:
Extracellular 0.272
OuterMembrane 1.856 *
Periplasmic 0.508
InnerMembrane 0.094
Cytoplasmic 2.271 *

******
SeqID: fig|6666666.171271.peg.2554
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.529
Di-peptide Extracellular 0.635
part-Comp. Extracellular 0.514
chemo-typy Extracellular 0.470
Neighboring OuterMembrane 0.585
Combined SVM classifier:
Extracellular 2.474 *
OuterMembrane 1.389
Periplasmic 0.663
InnerMembrane 0.141
Cytoplasmic 0.334

SeqID: fig|6666666.171271.peg.2555

CELLO prediction:

(predictor  location   reliable-index)
Composition  Periplasmic  0.268
Di-peptide   Cytoplasmic  0.650
part-Comp.   Cytoplasmic  0.368
chemo-typy   Periplasmic  0.464
Neighboring  Cytoplasmic  0.349

Combined SVM classifier:

Extracellular 0.860
OuterMembrane 0.593
Periplasmic 1.471 *
InnerMembrane 0.214
Cytoplasmic 1.863 *

SeqID: fig|6666666.171271.peg.2556

CELLO prediction:

(predictor  location   reliable-index)
Composition  Cytoplasmic  0.483
Di-peptide   Cytoplasmic  0.596
part-Comp.   Cytoplasmic  0.421
chemo-typy   Cytoplasmic  0.803
Neighboring  Cytoplasmic  0.871

Combined SVM classifier:

Extracellular 0.517
OuterMembrane 0.358
Periplasmic 0.775
InnerMembrane 0.176
Cytoplasmic 3.174 *

SeqID: fig|6666666.171271.peg.2557

CELLO prediction:

(predictor  location   reliable-index)
Composition  OuterMembrane  0.561
Di-peptide   OuterMembrane  0.530
part-Comp.   OuterMembrane  0.604
chemo-typy   OuterMembrane  0.627
Neighboring  OuterMembrane  0.866

Combined SVM classifier:

Extracellular 1.184
OuterMembrane 3.189 *
Periplasmic 0.438
InnerMembrane 0.112
Cytoplasmic 0.077
SeqID: fig|6666666.171271.peg.2558
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.429
Di-peptide   Cytoplasmic  0.710
part-Comp.   Cytoplasmic  0.801
chemo-typo   Cytoplasmic  0.399
Neighboring  Periplasmic  0.768

Combined SVM classifier:
Extracellular 0.301
OuterMembrane 0.245
Periplasmic 1.614
InnerMembrane 0.324
Cytoplasmic 2.517 *

SeqID: fig|6666666.171271.peg.2559
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.923
Di-peptide   InnerMembrane 0.999
part-Comp.   InnerMembrane 0.968
chemo-typo   InnerMembrane 0.983
Neighboring  InnerMembrane 0.996

Combined SVM classifier:
Extracellular 0.021
OuterMembrane 0.049
Periplasmic 0.028
InnerMembrane 4.869 *
Cytoplasmic 0.033

SeqID: fig|6666666.171271.peg.2560
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular 0.334
Di-peptide   Periplasmic 0.525
part-Comp.   Cytoplasmic 0.357
chemo-typo   Cytoplasmic 0.848
Neighboring  Cytoplasmic 0.436

Combined SVM classifier:
Extracellular 0.875
OuterMembrane 0.376
Periplasmic 1.262
InnerMembrane 0.254
Cytoplasmic 2.233 *

SeqID: fig|6666666.171271.peg.2561
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.883
Di-peptide  Cytoplasmic  0.763
part-Comp.  Cytoplasmic  0.793
chemo-typy  Extracellular  0.849
Neighboring  Cytoplasmic  0.805

Combined SVM classifier:
Extracellular  1.106
OuterMembrane  0.157
Periplasmic  0.394
InnerMembrane  0.048
Cytoplasmic  3.294 *

SeqID: fig|6666666.171271.peg.2562
CELLO prediction:
(predictor  location   reliable-index)
Composition  Periplasmic  0.311
Di-peptide  Cytoplasmic  0.414
part-Comp.  Cytoplasmic  0.442
chemo-typy  Cytoplasmic  0.672
Neighboring  Extracellular  0.519

Combined SVM classifier:
Extracellular  1.601 *
OuterMembrane  0.369
Periplasmic  0.651
InnerMembrane  0.343
Cytoplasmic  2.036 *

SeqID: fig|6666666.171271.peg.2563
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.439
Di-peptide  InnerMembrane  0.778
part-Comp.  Cytoplasmic  0.504

Combined SVM classifier:
Extracellular  0.587
OuterMembrane  0.508
Periplasmic  0.607
InnerMembrane  0.268
Cytoplasmic  3.030 *

SeqID: fig|6666666.171271.peg.2564
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  0.439
Di-peptide  InnerMembrane  0.778
part-Comp.  Cytoplasmic  0.504
chemo-typy InnerMembrane 0.972
Neighboring InnerMembrane 0.662

Combined SVM classifier:
Extracellular 0.306
OuterMembrane 0.412
Periplasmic 0.311
InnerMembrane 3.131 *
Cytoplasmic 0.841

***************************************************************************
******
SeqID: fig|6666666.171271.peg.2565
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.662
Di-peptide Cytoplasmic 0.917
part-Comp. Cytoplasmic 0.818
chemo-typy Cytoplasmic 0.726
Neighboring Cytoplasmic 0.974

Combined SVM classifier:
Extracellular 0.318
OuterMembrane 0.351
Periplasmic 0.135
InnerMembrane 0.098
Cytoplasmic 4.097 *

*******************************************************
******
SeqID: fig|6666666.171271.peg.2566
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.461
Di-peptide Cytoplasmic 0.972
part-Comp. Cytoplasmic 0.598
chemo-typy Cytoplasmic 0.510
Neighboring Cytoplasmic 0.771

Combined SVM classifier:
Extracellular 0.366
OuterMembrane 0.207
Periplasmic 0.858
InnerMembrane 0.257
Cytoplasmic 3.312 *

*******************************************************
******
SeqID: fig|6666666.171271.peg.2567
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.256
Di-peptide Cytoplasmic 0.840
part-Comp. Cytoplasmic 0.379
chemo-typy Cytoplasmic 0.777
Neighboring Cytoplasmic 0.567

Combined SVM classifier:
**CELLO prediction:**

**SeqID: fig|6666666.171271.peg.2568**

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<th>Location</th>
<th>Reliable-Index</th>
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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<td>Part-Comp.</td>
<td>Cytoplasmic</td>
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<td>Chemo-typy</td>
<td>Periplasmic</td>
<td>0.758</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.657</td>
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**Combined SVM classifier:**

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<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
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<td>0.410</td>
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<td>Cytoplasmic</td>
<td>2.634</td>
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**SeqID: fig|6666666.171271.peg.2569**

<table>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.755</td>
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<td>Part-Comp.</td>
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<td>0.624</td>
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<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.432</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.720</td>
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**Combined SVM classifier:**

<table>
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<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>3.177</td>
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<tr>
<td>Periplasmic</td>
<td>0.259</td>
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<tr>
<td>InnerMembrane</td>
<td>0.215</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.946</td>
</tr>
</tbody>
</table>

**SeqID: fig|6666666.171271.peg.2570**

<table>
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<th>Location</th>
<th>Reliable-Index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.268</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.535</td>
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<tr>
<td>Part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>Chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.602</td>
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<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.512</td>
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</table>

**Combined SVM classifier:**

<table>
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<tr>
<th>Location</th>
<th>Index</th>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.895</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.594</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.306</td>
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</tbody>
</table>
Cytoplasmic 1.713 *

SeqID: fig|666666.171271.peg.2571
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic 0.581
Di-peptide   Cytoplasmic 0.882
part-Comp.   Cytoplasmic 0.687
chemo-typy   Cytoplasmic 0.865
Neighboring  Cytoplasmic 0.735

Combined SVM classifier:
Extracellular 0.300
OuterMembrane 0.354
Periplasmic 0.341
InnerMembrane 0.256
Cytoplasmic 3.750 *

SeqID: fig|666666.171271.peg.2572
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane 0.911
Di-peptide   InnerMembrane 0.979
part-Comp.   InnerMembrane 0.870
chemo-typy   InnerMembrane 0.829
Neighboring  InnerMembrane 0.805

Combined SVM classifier:
Extracellular 0.065
OuterMembrane 0.135
Periplasmic 0.118
InnerMembrane 4.394 *
Cytoplasmic 0.289

SeqID: fig|666666.171271.peg.2573
CELLO prediction:
(predictor  location   reliable-index)
Composition  Extracellular 0.557
Di-peptide   Extracellular 0.822
part-Comp.   InnerMembrane 0.476
chemo-typy   OuterMembrane 0.370
Neighboring  Extracellular 0.534

Combined SVM classifier:
Extracellular 2.392 *
OuterMembrane 0.877
Periplasmic 0.540
InnerMembrane 0.730
Cytoplasmic 0.461
| SeqID: fig|6666666.171271.peg.2574 |
|------------------------------------------------|
| CELLO prediction:                                 |
| (predictor   location   reliable-index)           |
| Composition  Extracellular  0.306                 |
| Di-peptide   Extracellular  0.937                 |
| part-Comp.   Extracellular  0.851                 |
| chemo-typy   Extracellular  0.734                 |
| Neighboring  Extracellular  0.695                 |
| Combined SVM classifier:                         |
| Extracellular  3.525 *                           |
| OuterMembrane  0.880                             |
| Periplasmic  0.327                               |
| InnerMembrane  0.084                             |
| Cytoplasmic  0.184                               |

| SeqID: fig|6666666.171271.peg.2575 |
|------------------------------------------------|
| CELLO prediction:                                 |
| (predictor   location   reliable-index)           |
| Composition  Cytoplasmic  0.693                  |
| Di-peptide   Cytoplasmic  0.798                  |
| part-Comp.   Cytoplasmic  0.697                  |
| chemo-typy   OuterMembrane  0.398                |
| Neighboring  Cytoplasmic  0.402                  |
| Combined SVM classifier:                         |
| Extracellular  0.713                             |
| OuterMembrane  0.841                             |
| Periplasmic  0.469                               |
| InnerMembrane  0.141                             |
| Cytoplasmic  2.836 *                             |

| SeqID: fig|6666666.171271.peg.2576 |
|------------------------------------------------|
| CELLO prediction:                                 |
| (predictor   location   reliable-index)           |
| Composition  InnerMembrane  0.805                |
| Di-peptide   InnerMembrane  0.989                |
| part-Comp.   InnerMembrane  0.868                |
| chemo-typy   InnerMembrane  0.879                |
| Neighboring  InnerMembrane  0.941                |
| Combined SVM classifier:                         |
| Extracellular  0.074                             |
| OuterMembrane  0.112                             |
| Periplasmic  0.100                               |
| InnerMembrane  4.481 *                           |
| Cytoplasmic  0.233                               |

<p>| SeqID: fig|6666666.171271.peg.2577 |
|------------------------------------------------|
| CELLO prediction:                                 |</p>
<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.272</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.546</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Extracellular</td>
<td>0.754</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>OuterMembrane</td>
<td>0.840</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.684</td>
</tr>
</tbody>
</table>

Combined SVM classifier:

<table>
<thead>
<tr>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>2.035 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.726 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.542</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.210</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.488</td>
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SeqID: fig|6666666.171271.peg.2578

CELLO prediction:

<table>
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<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.939</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Periplasmic</td>
<td>0.638</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
<td>0.499</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.805</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Periplasmic</td>
<td>0.895</td>
</tr>
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Combined SVM classifier:

<table>
<thead>
<tr>
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<th>reliable-index</th>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.304</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.339</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>3.106 *</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.048</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.202</td>
</tr>
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SeqID: fig|6666666.171271.peg.2579

CELLO prediction:

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.870</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.795</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.463</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.871</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.733</td>
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Combined SVM classifier:

<table>
<thead>
<tr>
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<th>reliable-index</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>OuterMembrane</td>
<td>0.128</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.875</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.085</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.731 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.2580

CELLO prediction:

<table>
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<tr>
<th>predictor</th>
<th>location</th>
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.956</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.899</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.962</td>
</tr>
</tbody>
</table>
chemo-typy  Cytoplasmic  0.696  
Neighboring  Cytoplasmic  0.944  

Combined SVM classifier:
   Extracellular  0.067
   OuterMembrane  0.089
   Periplasmic  0.327
   InnerMembrane  0.059
   Cytoplasmic  4.458 *

***************************************************************************

******
SeqID: fig|6666666.171271.peg.2581
CELLO prediction:
   (predictor  location   reliable-index)
   Composition  Cytoplasmic  0.428
   Di-peptide  OuterMembrane  0.666
   part-Comp.  Cytoplasmic  0.597
   chemo-typy  Cytoplasmic  0.662
   Neighboring  Cytoplasmic  0.691

Combined SVM classifier:
   Extracellular  0.658
   OuterMembrane  1.176
   Periplasmic  0.392
   InnerMembrane  0.199
   Cytoplasmic  2.574 *

***************************************************************************

******
SeqID: fig|6666666.171271.peg.2582
CELLO prediction:
   (predictor  location   reliable-index)
   Composition  Periplasmic  0.265
   Di-peptide  Cytoplasmic  0.825
   part-Comp.  Cytoplasmic  0.455
   chemo-typy  Cytoplasmic  0.918
   Neighboring  Cytoplasmic  0.663

Combined SVM classifier:
   Extracellular  0.525
   OuterMembrane  0.231
   Periplasmic  0.793
   InnerMembrane  0.340
   Cytoplasmic  3.111 *

***************************************************************************

******
SeqID: fig|6666666.171271.peg.2583
CELLO prediction:
   (predictor  location   reliable-index)
   Composition  InnerMembrane  0.857
   Di-peptide  InnerMembrane  0.987
   part-Comp.  InnerMembrane  0.897
   chemo-typy  InnerMembrane  0.781
   Neighboring  InnerMembrane  0.889

Combined SVM classifier:
<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.034</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.283</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.111</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>4.411 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.161</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.2584**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.269</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Inner Membrane</td>
<td>0.831</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.357</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.720</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.435</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>0.682</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.253</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.446 *</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>1.461 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.158 *</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.2585**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Outer Membrane</td>
<td>0.246</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Outer Membrane</td>
<td>0.564</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.366</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.357</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Outer Membrane</td>
<td>0.847</td>
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</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.165</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>2.034 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.622</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.290</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.890</td>
</tr>
</tbody>
</table>

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**SeqID: fig|6666666.171271.peg.2586**

**CELLO prediction:**

<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.506</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.887</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.831</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.966</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.856</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Probability</th>
</tr>
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<tbody>
<tr>
<td>Extracellular</td>
<td>0.218</td>
</tr>
<tr>
<td>Outer Membrane</td>
<td>0.211</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.299</td>
</tr>
<tr>
<td>Inner Membrane</td>
<td>0.226</td>
</tr>
</tbody>
</table>
Cytoplasmic 4.045 *

SeqID: fig|666666.171271.peg.2587
CELLO prediction:
(predictor      location   reliable-index)
Composition      OuterMembrane 0.938
Di-peptide       OuterMembrane 0.339
part-Comp.       Extracellular 0.393
chemo-typy       Extracellular 0.465
Neighboring      OuterMembrane 0.924

Combined SVM classifier:
Extracellular 1.255
OuterMembrane 2.553 *
Periplasmic 0.724
InnerMembrane 0.231
Cytoplasmic 0.237

SeqID: fig|666666.171271.peg.2588
CELLO prediction:
(predictor      location   reliable-index)
Composition      Periplasmic 0.276
Di-peptide       Cytoplasmic 0.377
part-Comp.       Periplasmic 0.363
chemo-typy       Periplasmic 0.706
Neighboring      Periplasmic 0.371

Combined SVM classifier:
Extracellular 0.921
OuterMembrane 0.446
Periplasmic 1.805 *
InnerMembrane 0.721
Cytoplasmic 1.107 *

SeqID: fig|666666.171271.peg.2589
CELLO prediction:
(predictor      location   reliable-index)
Composition      Cytoplasmic 0.930
Di-peptide       Cytoplasmic 0.567
part-Comp.       Cytoplasmic 0.509
chemo-typy       Cytoplasmic 0.441
Neighboring      Cytoplasmic 0.793

Combined SVM classifier:
Extracellular 0.499
OuterMembrane 0.427
Periplasmic 0.769
InnerMembrane 0.065
Cytoplasmic 3.239 *
| SeqID: fig|6666666.171271.peg.2590 |
|-----------------------------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.257 |
| Di-peptide  | Cytoplasmic | 0.777 |
| part-Comp.  | Cytoplasmic | 0.373 |
| chemo-typy  | Periplasmic | 0.858 |
| Neighboring | Cytoplasmic | 0.352 |

Combined SVM classifier:
- Extracellular: 0.644
- OuterMembrane: 0.300
- Periplasmic: 1.573 *
- InnerMembrane: 0.614
- Cytoplasmic: 1.870 *

| SeqID: fig|6666666.171271.peg.2591 |
|-----------------------------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Periplasmic | 0.308 |
| Di-peptide  | Cytoplasmic | 0.637 |
| part-Comp.  | Periplasmic | 0.397 |
| chemo-typy  | Periplasmic | 0.681 |
| Neighboring | Periplasmic | 0.798 |

Combined SVM classifier:
- Extracellular: 0.877
- OuterMembrane: 0.292
- Periplasmic: 2.453 *
- InnerMembrane: 0.196
- Cytoplasmic: 1.181

| SeqID: fig|6666666.171271.peg.2592 |
|-----------------------------------------------|
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Extracellular | 0.406 |
| Di-peptide  | Periplasmic | 0.418 |
| part-Comp.  | Extracellular | 0.394 |
| chemo-typy  | Periplasmic | 0.773 |
| Neighboring | OuterMembrane | 0.418 |

Combined SVM classifier:
- Extracellular: 1.169
- OuterMembrane: 0.633
- Periplasmic: 1.963 *
- InnerMembrane: 0.216
- Cytoplasmic: 1.019

| SeqID: fig|6666666.171271.peg.2593 |
|-----------------------------------------------|
| CELLO prediction: |
(predictor location reliable-index)
Composition Extracellular 0.349
Di-peptide Periplasmic 0.393
part-Comp. Cytoplasmic 0.363
chemo-typy Cytoplasmic 0.561
Neighboring Periplasmic 0.501

Combined SVM classifier:
Extracellular 1.324 *
OuterMembrane 0.695
Periplasmic 1.540 *
InnerMembrane 0.277
Cytoplasmic 1.164 *

SeqID: fig|6666666.171271.peg.2594
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.414
Di-peptide Cytoplasmic 0.542
part-Comp. Cytoplasmic 0.747
chemo-typy Periplasmic 0.745
Neighboring Cytoplasmic 0.468

Combined SVM classifier:
Extracellular 0.319
OuterMembrane 0.726
Periplasmic 1.056
InnerMembrane 0.686
Cytoplasmic 2.213 *

SeqID: fig|6666666.171271.peg.2595
CELLO prediction:
(predictor location reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.493
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.846
Neighboring Extracellular 0.314

Combined SVM classifier:
Extracellular 0.853
OuterMembrane 0.326
Periplasmic 1.087
InnerMembrane 0.514
Cytoplasmic 2.219 *

SeqID: fig|6666666.171271.peg.2596
CELLO prediction:
(predictor location reliable-index)
Composition Extracellular 0.317
Di-peptide Cytoplasmic 0.475
part-Comp. Cytoplasmic 0.565
**CELLO prediction:**

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<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
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<td>0.763</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.762</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.879</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.983</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.852</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.187
- OuterMembrane: 0.141
- Periplasmic: 0.115
- InnerMembrane: 0.317
- Cytoplasmic: 4.240 *

**CELLO prediction:**

<table>
<thead>
<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.643</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.898</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.731</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Extracellular</td>
<td>0.618</td>
</tr>
</tbody>
</table>

**Combined SVM classifier:**

- Extracellular: 0.518
- Cytoplasmic: 2.547 *
Extracellular 1.033
OuterMembrane 0.327
Periplasmic 0.440
InnerMembrane 0.191
Cytoplasmic 3.009 *

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.874
Di-peptide Cytoplasmic 0.942
part-Comp. Cytoplasmic 0.960
chemo-typy Cytoplasmic 0.858
Neighboring Cytoplasmic 0.985

Combined SVM classifier:
Extracellular 0.094
OuterMembrane 0.169
Periplasmic 0.070
InnerMembrane 0.048
Cytoplasmic 4.620 *

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.461
Di-peptide Cytoplasmic 0.972
part-Comp. Cytoplasmic 0.610
chemo-typy Cytoplasmic 0.510
Neighboring Cytoplasmic 0.755

Combined SVM classifier:
Extracellular 0.373
OuterMembrane 0.210
Periplasmic 0.854
InnerMembrane 0.255
Cytoplasmic 3.307 *

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.256
Di-peptide Cytoplasmic 0.840
part-Comp. Cytoplasmic 0.379
chemo-typy Cytoplasmic 0.777
Neighboring Cytoplasmic 0.567

Combined SVM classifier:
Extracellular 0.639
OuterMembrane 0.498
Periplasmic 0.774
InnerMembrane 0.270
SeqID: fig|6666666.171271.peg.2603
CELLO prediction:
(predictor      location      reliable-index)
Composition     Cytoplasmic     0.312
Di-peptide      Cytoplasmic     0.836
part-Comp.      Cytoplasmic     0.741
chemo-typy      Cytoplasmic     0.984
Neighboring     Cytoplasmic     0.830

Combined SVM classifier:
Extracellular   0.393
OuterMembrane   0.192
Periplasmic     0.414
InnerMembrane   0.298
Cytoplasmic     3.704 *

SeqID: fig|6666666.171271.peg.2604
CELLO prediction:
(predictor      location      reliable-index)
Composition     Cytoplasmic     0.616
Di-peptide      Cytoplasmic     0.477
part-Comp.      Extracellular   0.379
chemo-typy      Cytoplasmic     0.668
Neighboring     Cytoplasmic     0.742

Combined SVM classifier:
Extracellular   0.746
OuterMembrane   0.653
Periplasmic     0.633
InnerMembrane   0.104
Cytoplasmic     2.864 *

SeqID: fig|6666666.171271.peg.2605
CELLO prediction:
(predictor      location      reliable-index)
Composition     Cytoplasmic     0.783
Di-peptide      Cytoplasmic     0.781
part-Comp.      Cytoplasmic     0.956
chemo-typy      Cytoplasmic     0.989
Neighboring     Cytoplasmic     0.983

Combined SVM classifier:
Extracellular   0.118
OuterMembrane   0.071
Periplasmic     0.072
InnerMembrane   0.248
Cytoplasmic     4.492 *
SeqID: fig|6666666.171271.peg.2606
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.430
Di-peptide Cytoplasmic 0.803
part-Comp. Cytoplasmic 0.773
chemo-typy Cytoplasmic 0.982
Neighboring Cytoplasmic 0.835

Combined SVM classifier:
Extracellular 0.388
OuterMembrane 0.257
Periplasmic 0.308
InnerMembrane 0.224
Cytoplasmic 3.823 *

SeqID: fig|6666666.171271.peg.2607
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.577
Di-peptide OuterMembrane 0.570
part-Comp. Cytoplasmic 0.400
chemo-typy InnerMembrane 0.396
Neighboring Cytoplasmic 0.461

Combined SVM classifier:
Extracellular 0.384
OuterMembrane 1.190 *
Periplasmic 0.423
InnerMembrane 1.412 *
Cytoplasmic 1.591 *

SeqID: fig|6666666.171271.peg.2608
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.258
Di-peptide Cytoplasmic 0.934
part-Comp. Cytoplasmic 0.483
chemo-typy Cytoplasmic 0.746
Neighboring Cytoplasmic 0.366

Combined SVM classifier:
Extracellular 0.771
OuterMembrane 0.334
Periplasmic 0.770
InnerMembrane 0.339
Cytoplasmic 2.787 *

SeqID: fig|6666666.171271.peg.2609
CELLO prediction:
(predictor  location   reliable-index)
Composition  InnerMembrane  1.000
Di-peptide   InnerMembrane  1.000
part-Comp.   InnerMembrane  1.000
chemo-typy   InnerMembrane  0.916
Neighboring  InnerMembrane  0.999

Combined SVM classifier:
Extracellular  0.012
OuterMembrane  0.031
Periplasmic    0.022
InnerMembrane  4.914 *
Cytoplasmic    0.021

SeqID: fig|6666666.171271.peg.2610
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.349
Di-peptide   Cytoplasmic  0.690
part-Comp.   Cytoplasmic  0.449
chemo-typy   Cytoplasmic  0.456
Neighboring  Cytoplasmic  0.364

Combined SVM classifier:
Extracellular  0.760
OuterMembrane  0.545
Periplasmic    0.902
InnerMembrane  0.486
Cytoplasmic    2.307 *

SeqID: fig|6666666.171271.peg.2611
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.330
Di-peptide   Cytoplasmic  0.891
part-Comp.   Cytoplasmic  0.390
chemo-typy   Cytoplasmic  0.908
Neighboring  Cytoplasmic  0.422

Combined SVM classifier:
Extracellular  0.672
OuterMembrane  0.324
Periplasmic    0.677
InnerMembrane  0.386
Cytoplasmic    2.941 *

SeqID: fig|6666666.171271.peg.2612
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.314
Di-peptide   Cytoplasmic  0.761
part-Comp.   Cytoplasmic  0.463
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**Combined SVM classifier:**

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<td>InnerMembrane</td>
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<td>Cytoplasmic</td>
<td>2.309 *</td>
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SeqID: fig|6666666.171271.peg.2613

CELLO prediction:

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<td>Di-peptide</td>
<td>Extracellular</td>
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<td>part-Comp.</td>
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**Combined SVM classifier:**

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<td>InnerMembrane</td>
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SeqID: fig|6666666.171271.peg.2614

CELLO prediction:

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<tr>
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<td>chemo-typy</td>
<td>Cytoplasmic</td>
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**Combined SVM classifier:**

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<tr>
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<tr>
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<td>InnerMembrane</td>
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<tr>
<td>Cytoplasmic</td>
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SeqID: fig|6666666.171271.peg.2615

CELLO prediction:

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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.969</td>
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**Combined SVM classifier:**
Extracellular 0.122
OuterMembrane 0.091
Periplasmic 0.242
InnerMembrane 0.173
Cytoplasmic 4.372 *

SeqID: fig|6666666.171271.peg.2616
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.668
Di-peptide Cytoplasmic 0.540
part-Comp. Cytoplasmic 0.671
chemo-typy Cytoplasmic 0.393
Neighboring Extracellular 0.395

Combined SVM classifier:
Extracellular 0.882
OuterMembrane 0.699
Periplasmic 0.929
InnerMembrane 0.073
Cytoplasmic 2.417 *

SeqID: fig|6666666.171271.peg.2617
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.541
Di-peptide OuterMembrane 0.456
part-Comp. OuterMembrane 0.762
chemo-typy OuterMembrane 0.579
Neighboring Extracellular 0.602

Combined SVM classifier:
Extracellular 1.530
OuterMembrane 2.619 *
Periplasmic 0.484
InnerMembrane 0.111
Cytoplasmic 0.257

SeqID: fig|6666666.171271.peg.2618
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.327
Di-peptide OuterMembrane 0.539
part-Comp. Cytoplasmic 0.516
chemo-typy Cytoplasmic 0.549
Neighboring Cytoplasmic 0.731

Combined SVM classifier:
Extracellular 0.540
OuterMembrane 0.894
Periplasmic 0.909
InnerMembrane 0.219
Cytoplasmic 2.437 *

SeqID: fig|6666666.171271.peg.2619
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.428
Di-peptide Cytoplasmic 0.775
part-Comp. OuterMembrane 0.405
chemo-typy Periplasmic 0.776
Neighboring OuterMembrane 0.376

Combined SVM classifier:
Extracellular 0.307
OuterMembrane 1.439 *
Periplasmic 1.225 *
InnerMembrane 0.371
Cytoplasmic 1.658 *

SeqID: fig|6666666.171271.peg.2620
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.746
Di-peptide OuterMembrane 0.689
part-Comp. OuterMembrane 0.879
chemo-typy OuterMembrane 0.728
Neighboring OuterMembrane 0.978

Combined SVM classifier:
Extracellular 0.309
OuterMembrane 4.020 *
Periplasmic 0.194
InnerMembrane 0.283
Cytoplasmic 0.195

SeqID: fig|6666666.171271.peg.2621
CELLO prediction:
(predictor  location   reliable-index)
Composition OuterMembrane 0.843
Di-peptide OuterMembrane 0.449
part-Comp. OuterMembrane 0.825
chemo-typy OuterMembrane 0.443
Neighboring OuterMembrane 0.702

Combined SVM classifier:
Extracellular 1.094
OuterMembrane 3.262 *
Periplasmic 0.129
InnerMembrane 0.406
Cytoplasmic 0.109
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<td>Cytoplasmic</td>
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<tr>
<td></td>
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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2626

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2627

CELLO prediction:

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Combined SVM classifier:

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SeqID: fig|6666666.171271.peg.2628

CELLO prediction:

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<tr>
<td>Di-peptide</td>
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chemo-typy Periplasmic 0.500
Neighboring Periplasmic 0.679

Combined SVM classifier:
Extracellular 0.585
OuterMembrane 0.171
Periplasmic 3.348 *
InnerMembrane 0.049
Cytoplasmic 0.847

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SeqID: fig|6666666.171271.peg.2629
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.603
part-Comp. Cytoplasmic 0.466
chemo-typy Cytoplasmic 0.536
Neighboring OuterMembrane 0.434

Combined SVM classifier:
Extracellular 0.752
OuterMembrane 1.036
Periplasmic 0.751
InnerMembrane 0.262
Cytoplasmic 2.199 *

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SeqID: fig|6666666.171271.peg.2630
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.321
Di-peptide Cytoplasmic 0.714
part-Comp. Cytoplasmic 0.372
chemo-typy Cytoplasmic 0.745
Neighboring Cytoplasmic 0.344

Combined SVM classifier:
Extracellular 0.738
OuterMembrane 0.322
Periplasmic 0.740
InnerMembrane 0.795
Cytoplasmic 2.406 *

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SeqID: fig|6666666.171271.peg.2631
CELLO prediction:
(predictor location reliable-index)
Composition InnerMembrane 0.842
Di-peptide InnerMembrane 1.000
part-Comp. InnerMembrane 0.970
chemo-typy InnerMembrane 0.997
Neighboring InnerMembrane 0.954

Combined SVM classifier:
Extracellular 0.051
OuterMembrane 0.059
Periplasmic 0.055
InnerMembrane 4.762 *
Cytoplasmic 0.073

SeqID: fig|6666666.171271.peg.2632
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.491
Di-peptide OuterMembrane 0.594
part-Comp. Cytoplasmic 0.810
chemo-typy Cytoplasmic 0.325
Neighboring Extracellular 0.343

Combined SVM classifier:
Extracellular 0.965
OuterMembrane 1.299
Periplasmic 0.355
InnerMembrane 0.182
Cytoplasmic 2.199 *

SeqID: fig|6666666.171271.peg.2633
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.490
Di-peptide OuterMembrane 0.694
part-Comp. OuterMembrane 0.577
chemo-typy Extracellular 0.412
Neighboring Extracellular 0.702

Combined SVM classifier:
Extracellular 1.569 *
OuterMembrane 2.188 *
Periplasmic 0.475
InnerMembrane 0.149
Cytoplasmic 0.618

SeqID: fig|6666666.171271.peg.2634
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.629
Di-peptide Cytoplasmic 0.888
part-Comp. Cytoplasmic 0.930
chemo-typy Cytoplasmic 0.955
Neighboring Cytoplasmic 0.930

Combined SVM classifier:
Extracellular 0.118
OuterMembrane 0.159
Periplasmic 0.121
InnerMembrane 0.270
Cytoplasmic 4.332 *

SeqID: fig|6666666.171271.peg.2635
CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.563
Di-peptide Cytoplasmic 0.548
part-Comp. Cytoplasmic 0.888
chemo-typy Cytoplasmic 0.848
Neighboring Cytoplasmic 0.701

Combined SVM classifier:
Extracellular 0.687
OuterMembrane 0.420
Periplasmic 0.200
InnerMembrane 0.145
Cytoplasmic 3.548 *

SeqID: fig|6666666.171271.peg.2636
CELLO prediction:
(predictor  location   reliable-index)
Composition Extracellular 0.550
Di-peptide Extracellular 0.423
part-Comp. Extracellular 0.855
chemo-typy Extracellular 0.466
Neighboring Extracellular 0.632

Combined SVM classifier:
Extracellular 2.926 *
OuterMembrane 0.961
Periplasmic 0.378
InnerMembrane 0.184
Cytoplasmic 0.550

SeqID: fig|6666666.171271.peg.2637
CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.252
Di-peptide InnerMembrane 0.809
part-Comp. Cytoplasmic 0.366
chemo-typy Periplasmic 0.322
Neighboring Cytoplasmic 0.392

Combined SVM classifier:
Extracellular 0.906
OuterMembrane 0.237
Periplasmic 0.979
InnerMembrane 1.573 *
Cytoplasmic 1.305 *
| SeqID: fig|6666666.171271.peg.2638 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.515 |
| Di-peptide  | Cytoplasmic | 0.496 |
| part-Comp.  | Cytoplasmic | 0.366 |
| chemo-typy  | Cytoplasmic | 0.583 |
| Neighboring | Cytoplasmic | 0.418 |
| Combined SVM classifier: | |
| Extracellular | 0.504 |
| OuterMembrane | 0.380 |
| Periplasmic | 0.843 |
| InnerMembrane | 0.896 |
| Cytoplasmic | 2.377 * |

| SeqID: fig|6666666.171271.peg.2639 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.289 |
| Di-peptide | InnerMembrane | 0.764 |
| part-Comp. | Cytoplasmic | 0.393 |
| chemo-typy | Periplasmic | 0.496 |
| Neighboring | Cytoplasmic | 0.438 |
| Combined SVM classifier: | |
| Extracellular | 0.675 |
| OuterMembrane | 0.230 |
| Periplasmic | 1.118 * |
| InnerMembrane | 1.399 * |
| Cytoplasmic | 1.579 * |

| SeqID: fig|6666666.171271.peg.2640 |
| CELLO prediction: |
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.701 |
| Di-peptide | InnerMembrane | 1.000 |
| part-Comp. | InnerMembrane | 0.938 |
| chemo-typy | InnerMembrane | 1.000 |
| Neighboring | InnerMembrane | 0.877 |
| Combined SVM classifier: | |
| Extracellular | 0.107 |
| OuterMembrane | 0.107 |
| Periplasmic | 0.122 |
| InnerMembrane | 4.515 * |
| Cytoplasmic | 0.148 |

<p>| SeqID: fig|6666666.171271.peg.2641 |
| CELLO prediction: |</p>
<table>
<thead>
<tr>
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</tr>
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<tbody>
<tr>
<td>Composition</td>
<td>Periplasmic</td>
<td>0.267</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>OuterMembrane</td>
<td>0.675</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.455</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Extracellular</td>
<td>0.354</td>
</tr>
<tr>
<td>Neighboring</td>
<td>OuterMembrane</td>
<td>0.383</td>
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</table>

Combined SVM classifier:

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Extracellular</td>
<td>1.389 *</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>1.551 *</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.515</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.319</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>1.226 *</td>
</tr>
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</table>

SeqID: fig|6666666.171271.peg.2642

CELLO prediction:

<table>
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<th>predictor</th>
<th>location</th>
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<tr>
<td>Composition</td>
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<tr>
<td>Di-peptide</td>
<td>InnerMembrane</td>
<td>0.922</td>
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<tr>
<td>part-Comp.</td>
<td>InnerMembrane</td>
<td>0.445</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>InnerMembrane</td>
<td>0.598</td>
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<tr>
<td>Neighboring</td>
<td>InnerMembrane</td>
<td>0.750</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
<td>0.418</td>
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<tr>
<td>OuterMembrane</td>
<td>0.213</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.585</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>3.125 *</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>0.659</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.2643

CELLO prediction:

<table>
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<th>predictor</th>
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<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.431</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.886</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.959</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.812</td>
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Combined SVM classifier:

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<tbody>
<tr>
<td>Extracellular</td>
<td>0.240</td>
</tr>
<tr>
<td>OuterMembrane</td>
<td>0.128</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>0.398</td>
</tr>
<tr>
<td>InnerMembrane</td>
<td>0.537</td>
</tr>
<tr>
<td>Cytoplasmic</td>
<td>3.697 *</td>
</tr>
</tbody>
</table>

SeqID: fig|6666666.171271.peg.2644

CELLO prediction:

<table>
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<tr>
<th>predictor</th>
<th>location</th>
<th>reliable-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.736</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.898</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.917</td>
</tr>
<tr>
<td>predictor</td>
<td>location</td>
<td>reliable-index</td>
</tr>
<tr>
<td>--------------------</td>
<td>--------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.466</td>
</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.471</td>
</tr>
<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.737</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Periplasmic</td>
<td>0.562</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.605</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.587
- OuterMembrane: 0.593
- Periplasmic: 1.102
- InnerMembrane: 0.103
- Cytoplasmic: 2.614 *

SeqID: fig|6666666.171271.peg.2646

CELLO prediction:
- Composition: OuterMembrane 0.289
- Di-peptide: OuterMembrane 0.447
- part-Comp.: Extracellular 0.579
- chemo-typy: Extracellular 0.392
- Neighboring: OuterMembrane 0.581

Combined SVM classifier:
- Extracellular: 1.941 *
- OuterMembrane: 1.786 *
- Periplasmic: 0.479
- InnerMembrane: 0.213
- Cytoplasmic: 0.580

SeqID: fig|6666666.171271.peg.2647

CELLO prediction:
- Composition: Cytoplasmic 0.350
- Di-peptide: OuterMembrane 0.517
- part-Comp.: Cytoplasmic 0.588
- chemo-typy: OuterMembrane 0.433
- Neighboring: Cytoplasmic 0.826

Combined SVM classifier:
Extracellular 0.740
OuterMembrane 1.286
Periplasmic 0.394
InnerMembrane 0.247
Cytoplasmic 2.333 *

SeqID: fig|6666666.171271.peg.2648
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.591
Di-peptide Cytoplasmic 0.837
part-Comp. Cytoplasmic 0.711
chemo-typy Cytoplasmic 0.819
Neighboring Cytoplasmic 0.638

Combined SVM classifier:
Extracellular 0.424
OuterMembrane 0.876
Periplasmic 0.069
InnerMembrane 0.034
Cytoplasmic 3.597 *

SeqID: fig|6666666.171271.peg.2649
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.497
Di-peptide Cytoplasmic 0.912
part-Comp. Cytoplasmic 0.590
chemo-typy Cytoplasmic 0.928
Neighboring Cytoplasmic 0.910

Combined SVM classifier:
Extracellular 0.303
OuterMembrane 0.209
Periplasmic 0.391
InnerMembrane 0.260
Cytoplasmic 3.837 *

SeqID: fig|6666666.171271.peg.2650
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.500
Di-peptide Cytoplasmic 0.816
part-Comp. Cytoplasmic 0.708
chemo-typy Cytoplasmic 0.816
Neighboring Cytoplasmic 0.798

Combined SVM classifier:
Extracellular 0.437
OuterMembrane 0.402
Periplasmic 0.350
InnerMembrane 0.172
Cytoplasmic 3.638 *

******
SeqID: fig|6666666.171271.peg.2651

CELLO prediction:

(predictor  location   reliable-index)
Composition OuterMembrane 0.534
Di-peptide Cytoplasmic 0.829
part-Comp. Cytoplasmic 0.354
chemo-typy Cytoplasmic 0.712
Neighboring OuterMembrane 0.441

Combined SVM classifier:

Extracellular 0.558
OuterMembrane 1.257
Periplasmic 0.454
InnerMembrane 0.443
Cytoplasmic 2.288 *

******
SeqID: fig|6666666.171271.peg.2652

CELLO prediction:

(predictor  location   reliable-index)
Composition Cytoplasmic 0.520
Di-peptide Cytoplasmic 0.799
part-Comp. Cytoplasmic 0.863
chemo-typy Cytoplasmic 0.998
Neighboring Cytoplasmic 0.684

Combined SVM classifier:

Extracellular 0.456
OuterMembrane 0.070
Periplasmic 0.465
InnerMembrane 0.145
Cytoplasmic 3.864 *

******
SeqID: fig|6666666.171271.peg.2653

CELLO prediction:

(predictor  location   reliable-index)
Composition Periplasmic 0.271
Di-peptide Cytoplasmic 0.558
part-Comp. Cytoplasmic 0.356
chemo-typy Cytoplasmic 0.445
Neighboring Extracellular 0.327

Combined SVM classifier:

Extracellular 1.049
OuterMembrane 0.359
Periplasmic 1.309 *
InnerMembrane 0.420
Cytoplasmic 1.863 *
| SeqID: fig|6666666.171271.peg.2654 | CELLO prediction: |
|-------------------------------|-----------------------------|
| (predictor | location | reliable-index) |
| Composition | Extracellular | 0.389 |
| Di-peptide | Extracellular | 0.696 |
| part-Comp. | Extracellular | 0.341 |
| chemo-typy | Extracellular | 0.357 |
| Neighboring | OuterMembrane | 0.434 |

Combined SVM classifier:
- Extracellular: 2.131 *
- OuterMembrane: 0.903
- Periplasmic: 0.982
- InnerMembrane: 0.236
- Cytoplasmic: 0.748

| SeqID: fig|6666666.171271.peg.2655 | CELLO prediction: |
|-------------------------------|-----------------------------|
| (predictor | location | reliable-index) |
| Composition | InnerMembrane | 0.318 |
| Di-peptide | Extracellular | 0.713 |
| part-Comp. | InnerMembrane | 0.804 |
| chemo-typy | Extracellular | 0.566 |
| Neighboring | Extracellular | 0.492 |

Combined SVM classifier:
- Extracellular: 2.105 *
- OuterMembrane: 0.408
- Periplasmic: 0.932
- InnerMembrane: 1.248
- Cytoplasmic: 0.307

| SeqID: fig|6666666.171271.peg.2656 | CELLO prediction: |
|-------------------------------|-----------------------------|
| (predictor | location | reliable-index) |
| Composition | Cytoplasmic | 0.902 |
| Di-peptide | Cytoplasmic | 0.912 |
| part-Comp. | Cytoplasmic | 0.920 |
| chemo-typy | Cytoplasmic | 0.695 |
| Neighboring | Cytoplasmic | 0.969 |

Combined SVM classifier:
- Extracellular: 0.254
- OuterMembrane: 0.097
- Periplasmic: 0.165
- InnerMembrane: 0.086
- Cytoplasmic: 4.399 *

<p>| SeqID: fig|6666666.171271.peg.2657 | CELLO prediction: |</p>
<table>
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<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.950</td>
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<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.627</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.451</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.666</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.370
- OuterMembrane: 0.240
- Periplasmic: 0.704
- InnerMembrane: 0.204
- Cytoplasmic: 3.481 *

SeqID: fig|6666666.171271.peg.2658

CELLO prediction:
<table>
<thead>
<tr>
<th>Predictor</th>
<th>Location</th>
<th>Reliable-Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
<td>0.782</td>
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<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.582</td>
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<tr>
<td>part-Comp.</td>
<td>Periplasmic</td>
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<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
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<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.947</td>
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</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.251
- OuterMembrane: 0.072
- Periplasmic: 1.043
- InnerMembrane: 0.127
- Cytoplasmic: 3.507 *

SeqID: fig|6666666.171271.peg.2659

CELLO prediction:
<table>
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<tr>
<th>Predictor</th>
<th>Location</th>
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<tbody>
<tr>
<td>Composition</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
<td>0.817</td>
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<tr>
<td>part-Comp.</td>
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<td>0.461</td>
</tr>
<tr>
<td>chemo-typy</td>
<td>Cytoplasmic</td>
<td>0.724</td>
</tr>
<tr>
<td>Neighboring</td>
<td>Cytoplasmic</td>
<td>0.627</td>
</tr>
</tbody>
</table>

Combined SVM classifier:
- Extracellular: 0.599
- OuterMembrane: 0.362
- Periplasmic: 0.660
- InnerMembrane: 0.495
- Cytoplasmic: 2.884 *

SeqID: fig|6666666.171271.peg.2660

CELLO prediction:
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</thead>
<tbody>
<tr>
<td>Composition</td>
<td>Cytoplasmic</td>
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</tr>
<tr>
<td>Di-peptide</td>
<td>Cytoplasmic</td>
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<tr>
<td>part-Comp.</td>
<td>Cytoplasmic</td>
<td>0.598</td>
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</table>
SeqID: fig|6666666.171271.peg.2661

CELLO prediction:
(predictor  location   reliable-index)
Composition InnerMembrane 0.662
Di-peptide InnerMembrane 0.998
part-Comp. InnerMembrane 0.953
chemo-typy InnerMembrane 0.955
Neighboring InnerMembrane 0.985

Combined SVM classifier:
Extracellular 0.108
OuterMembrane 0.061
Periplasmic 0.119
InnerMembrane 4.552 *
Cytoplasmic 0.160

SeqID: fig|6666666.171271.peg.2662

CELLO prediction:
(predictor  location   reliable-index)
Composition Cytoplasmic 0.757
Di-peptide Cytoplasmic 0.568
part-Comp. Cytoplasmic 0.923
chemo-typy Cytoplasmic 0.433
Neighboring Cytoplasmic 0.621

Combined SVM classifier:
Extracellular 0.179
OuterMembrane 0.815
Periplasmic 0.335
InnerMembrane 0.369
Cytoplasmic 3.302 *

SeqID: fig|6666666.171271.peg.2663

CELLO prediction:
(predictor  location   reliable-index)
Composition Periplasmic 0.546
Di-peptide Cytoplasmic 0.464
part-Comp. Cytoplasmic 0.403
chemo-typy Cytoplasmic 0.561
Neighboring Cytoplasmic 0.456

Combined SVM classifier:
<table>
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<tbody>
<tr>
<td>Extracellular</td>
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<tr>
<td>OuterMembrane</td>
<td>0.629</td>
</tr>
<tr>
<td>Periplasmic</td>
<td>1.536 *</td>
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<tr>
<td>InnerMembrane</td>
<td>0.389</td>
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<tr>
<td>Cytoplasmic</td>
<td>2.160 *</td>
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</tbody>
</table>

SeqID: fig|6666666.171271.peg.2664
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.568
Di-peptide Cytoplasmic 0.864
part-Comp. Cytoplasmic 0.750
chemo-typy OuterMembrane 0.446
Neighboring Cytoplasmic 0.871

Combined SVM classifier:
Extracellular 0.253
OuterMembrane 0.791
Periplasmic 0.197
InnerMembrane 0.267
Cytoplasmic 3.492 *

SeqID: fig|6666666.171271.peg.2665
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.304
Di-peptide Cytoplasmic 0.761
part-Comp. Cytoplasmic 0.453
chemo-typy Extracellular 0.489
Neighboring OuterMembrane 0.468

Combined SVM classifier:
Extracellular 0.970
OuterMembrane 0.852
Periplasmic 0.724
InnerMembrane 0.274
Cytoplasmic 2.180 *

SeqID: fig|6666666.171271.peg.2666
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.703
Di-peptide OuterMembrane 0.564
part-Comp. OuterMembrane 0.555
chemo-typy OuterMembrane 0.522
Neighboring OuterMembrane 0.780

Combined SVM classifier:
Extracellular 1.471
OuterMembrane 3.123 *
Periplasmic 0.120
InnerMembrane 0.039
Cytoplasmic 0.247

***************************************************************************

SeqID: fig|6666666.171271.peg.2667
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.368
Di-peptide Cytoplasmic 0.809
part-Comp. Cytoplasmic 0.448
chemo-typy Cytoplasmic 0.895
Neighboring OuterMembrane 0.428

Combined SVM classifier:
Extracellular 0.539
OuterMembrane 0.806
Periplasmic 0.686
InnerMembrane 0.178
Cytoplasmic 2.791 *

***************************************************************************

SeqID: fig|6666666.171271.peg.2668
CELLO prediction:
(predictor location reliable-index)
Composition OuterMembrane 0.545
Di-peptide Cytoplasmic 0.305
part-Comp. Cytoplasmic 0.447
chemo-typy Periplasmic 0.416
Neighboring OuterMembrane 0.581

Combined SVM classifier:
Extracellular 1.052 *
OuterMembrane 1.628 *
Periplasmic 0.939
InnerMembrane 0.200
Cytoplasmic 1.181 *

***************************************************************************

SeqID: fig|6666666.171271.peg.2669
CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.343
Di-peptide Cytoplasmic 0.794
part-Comp. Cytoplasmic 0.486
chemo-typy Cytoplasmic 0.826
Neighboring Cytoplasmic 0.499

Combined SVM classifier:
Extracellular 0.669
OuterMembrane 0.488
Periplasmic 0.478
InnerMembrane 0.416
Cytoplasmic 2.948 *
SeqID: fig|6666666.171271.peg.2670
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.405
Di-peptide    Cytoplasmic  0.929
part-Comp.    Cytoplasmic  0.469
chemo-typy   Cytoplasmic  0.868
Neighboring   Cytoplasmic  0.841

Combined SVM classifier:
Extracellular 0.439
OuterMembrane 0.191
Periplasmic   0.586
InnerMembrane 0.271
Cytoplasmic 3.512 *

SeqID: fig|6666666.171271.peg.2671
CELLO prediction:
(predictor  location   reliable-index)
Composition   OuterMembrane 0.958
Di-peptide    OuterMembrane 0.979
part-Comp.    OuterMembrane 0.941
chemo-typy   Extracellular 0.723
Neighboring   OuterMembrane 0.950

Combined SVM classifier:
Extracellular 0.824
OuterMembrane 3.891 *
Periplasmic   0.221
InnerMembrane 0.018
Cytoplasmic 0.046

SeqID: fig|6666666.171271.peg.2672
CELLO prediction:
(predictor  location   reliable-index)
Composition   Cytoplasmic  0.377
Di-peptide    Cytoplasmic  0.560
part-Comp.    Cytoplasmic  0.493
chemo-typy   Cytoplasmic  0.460
Neighboring   Cytoplasmic  0.392

Combined SVM classifier:
Extracellular 0.928
OuterMembrane 0.291
Periplasmic   1.251
InnerMembrane 0.247
Cytoplasmic 2.282 *

SeqID: fig|6666666.171271.peg.2673
CELLO prediction:
| SeqID: fig|6666666.171271.peg.2674 |
|---|
| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition | Cytoplasmic 0.424 |
| Di-peptide  | Cytoplasmic 0.867 |
| part-Comp.  | Cytoplasmic 0.796 |
| chemo-typy  | Cytoplasmic 0.917 |
| Neighboring | Cytoplasmic 0.770 |
| Combined SVM classifier: |
| Extracellular 0.426 |
| OuterMembrane 0.395 |
| Periplasmic 0.273 |
| InnerMembrane 0.131 |
| Cytoplasmic 3.775 * |

| SeqID: fig|6666666.171271.peg.2675 |
|---|
| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition | OuterMembrane 0.494 |
| Di-peptide  | OuterMembrane 0.651 |
| part-Comp.  | OuterMembrane 0.566 |
| chemo-typy  | Extracellular 0.637 |
| Neighboring | OuterMembrane 0.861 |
| Combined SVM classifier: |
| Extracellular 1.301 |
| OuterMembrane 2.664 * |
| Periplasmic 0.148 |
| InnerMembrane 0.074 |
| Cytoplasmic 0.812 |

| SeqID: fig|6666666.171271.peg.2676 |
|---|
| CELLO prediction: |
| (predictor  location   reliable-index) |
| Composition | Periplasmic 0.284 |
| Di-peptide  | Cytoplasmic 0.510 |
| part-Comp.  | Cytoplasmic 0.349 |
| chemo-typy  | Extracellular 0.442 |
| Neighboring | Extracellular 0.340 |
| Combined SVM classifier: |
| Extracellular 1.354 * |
| OuterMembrane 0.461 |
| Periplasmic 1.267 * |
| InnerMembrane 0.393 |
| Cytoplasmic 1.525 * |

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chemo-typy  Cytoplasmic  0.896
Neighboring  Extracellular  0.385

Combined SVM classifier:
  Extracellular  0.908
  OuterMembrane  0.289
  Periplasmic  0.790
  InnerMembrane  0.332
  Cytoplasmic  2.681 *

SeqID: fig|666666.171271.peg.2677
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.263
Di-peptide  InnerMembrane  0.299
part-Comp.  Cytoplasmic  0.366
chemo-typy  Cytoplasmic  0.427
Neighboring  Cytoplasmic  0.416

Combined SVM classifier:
  Extracellular  0.820
  OuterMembrane  0.555
  Periplasmic  1.043
  InnerMembrane  0.832
  Cytoplasmic  1.750 *

SeqID: fig|666666.171271.peg.2678
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.282
Di-peptide  Cytoplasmic  0.798
part-Comp.  Cytoplasmic  0.450
chemo-typy  Cytoplasmic  0.848
Neighboring  Cytoplasmic  0.488

Combined SVM classifier:
  Extracellular  0.724
  OuterMembrane  0.324
  Periplasmic  0.649
  InnerMembrane  0.437
  Cytoplasmic  2.866 *

SeqID: fig|666666.171271.peg.2679
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.404
Di-peptide  Cytoplasmic  0.826
part-Comp.  Cytoplasmic  0.453
chemo-typy  Extracellular  0.676
Neighboring  OuterMembrane  0.623

Combined SVM classifier:
Extracellular 1.010
OuterMembrane 1.156
Periplasmic 0.558
InnerMembrane 0.251
Cytoplasmic 2.025 *

SeqID: fig|6666666.171271.peg.2680
CELLO prediction:
(predictor   location  reliable-index)
Composition Cytoplasmic 0.318
Di-peptide Cytoplasmic 0.894
part-Comp. Extracellular 0.456
cheto-typy Cytoplasmic 0.759
Neighboring Cytoplasmic 0.452

Combined SVM classifier:
Extracellular 1.106
OuterMembrane 0.450
Periplasmic 0.514
InnerMembrane 0.203
Cytoplasmic 2.727 *

SeqID: fig|6666666.171271.peg.2681
CELLO prediction:
(predictor   location  reliable-index)
Composition Cytoplasmic 0.271
Di-peptide OuterMembrane 0.678
part-Comp. Extracellular 0.585
cheto-typy OuterMembrane 0.803
Neighboring OuterMembrane 0.836

Combined SVM classifier:
Extracellular 1.267
OuterMembrane 2.850 *
Periplasmic 0.265
InnerMembrane 0.190
Cytoplasmic 0.427

SeqID: fig|6666666.171271.peg.2682
CELLO prediction:
(predictor   location  reliable-index)
Composition OuterMembrane 0.856
Di-peptide OuterMembrane 0.865
part-Comp. Extracellular 0.757
cheto-typy Extracellular 0.942
Neighboring OuterMembrane 0.760

Combined SVM classifier:
Extracellular 1.994
OuterMembrane 2.697 *
Periplasmic 0.085
InnerMembrane 0.053
Cytoplasmic 0.171

SeqID: fig|6666666.171271.peg.2683
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.426
Di-peptide   Cytoplasmic   0.516
part-Comp.   Extracellular 0.376
chemo-typy   Cytoplasmic   0.624
Neighboring  Cytoplasmic   0.539

Combined SVM classifier:
Extracellular 0.851
OuterMembrane 1.353
Periplasmic 0.420
InnerMembrane 0.080
Cytoplasmic 2.296 *

SeqID: fig|6666666.171271.peg.2684
CELLO prediction:
(predictor  location   reliable-index)
Composition  Cytoplasmic  0.628
Di-peptide   Cytoplasmic  0.606
part-Comp.   Cytoplasmic  0.569
chemo-typy   Cytoplasmic  0.945
Neighboring  Cytoplasmic  0.543

Combined SVM classifier:
Extracellular 0.923
OuterMembrane 0.207
Periplasmic 0.476
InnerMembrane 0.102
Cytoplasmic 3.291 *

SeqID: fig|6666666.171271.peg.2685
CELLO prediction:
(predictor  location   reliable-index)
Composition  OuterMembrane  0.604
part-Comp.   Cytoplasmic  0.713
chemo-typy   Extracellular 0.464
Neighboring  OuterMembrane 0.734

Combined SVM classifier:
Extracellular 0.979
OuterMembrane 2.002 *
Periplasmic 0.160
InnerMembrane 0.073
Cytoplasmic 1.786 *
SeqID: fig|666666.171271.peg.2686

CELLO prediction:
(predictor location reliable-index)
Composition Cytoplasmic 0.463
Di-peptide OuterMembrane 0.864
part-Comp. Cytoplasmic 0.415
chemo-typy Extracellular 0.574
Neighboring Cytoplasmic 0.527

Combined SVM classifier:
Extracellular 1.131 *
OuterMembrane 1.760 *
Periplasmic 0.130
InnerMembrane 0.161
Cytoplasmic 1.819 *