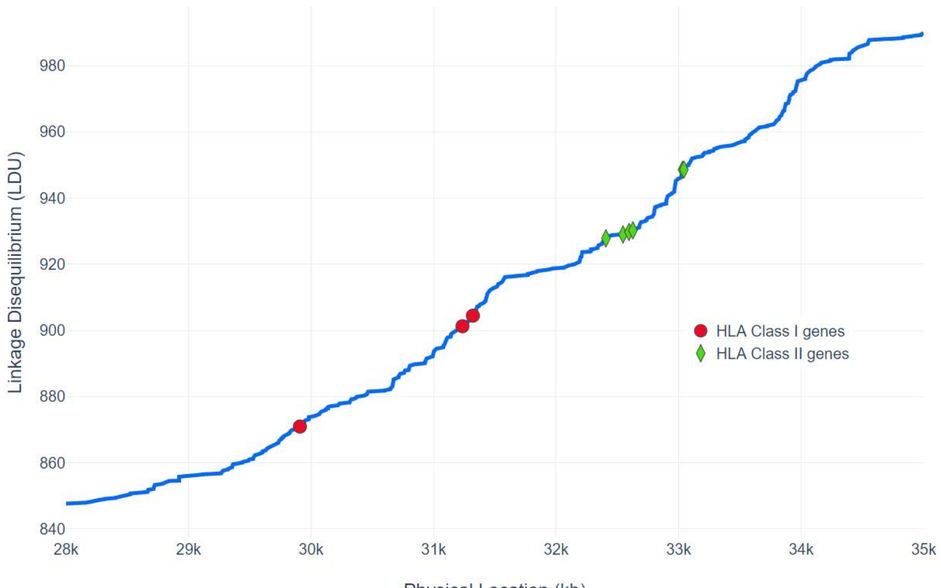
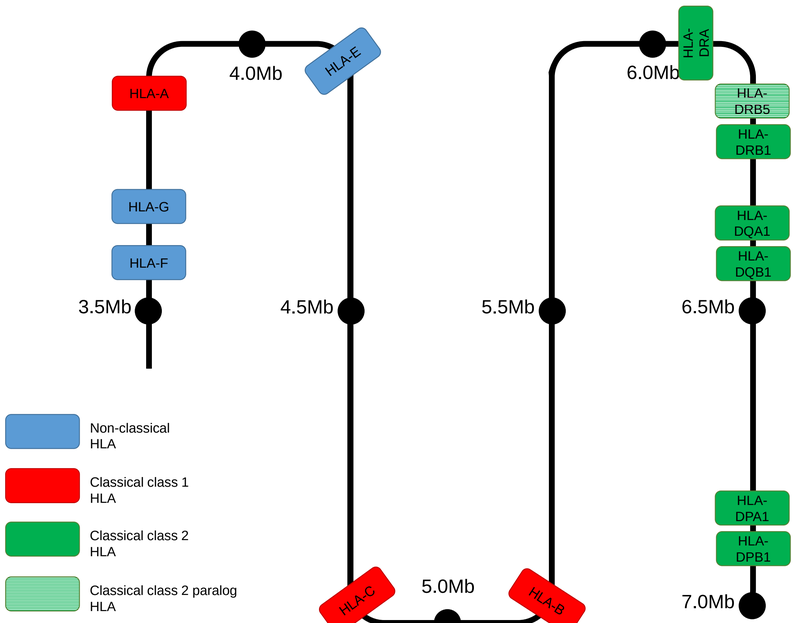
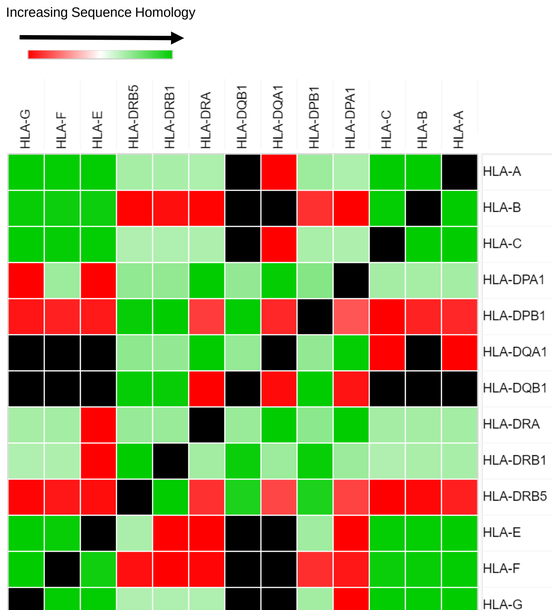

Linkage Disequilibrium (LDU)
980
960
940
920
900
880
860
840
28k
29k
30k
31k
32k
33k
34k
35k
Physical Location (kb)
HLA Class I genes
HLA Class II genes


HLA-A
HLA-G
HLA-F
3.5Mb
4.0Mb
HLA-E
4.5Mb
HLA-C
5.0Mb
HLA-B
5.5Mb
6.0Mb
HLA-DRA
HLA-DRB5
HLA-DRB1
HLA-DQA1
HLA-DQB1
6.5Mb
HLA-DPA1
HLA-DPB1
7.0Mb
Non-classical HLA
Classical class 1 HLA
Classical class 2 HLA
Classical class 2 paralog HLA


Increasing Sequence Homology
HLA-G
HLA-F
HLA-E
HLA-DRB5
HLA-DRB1
HLA-DRA
HLA-DQB1
HLA-DQA1
HLA-DPB1
HLA-DPA1
HLA-C
HLA-B
HLA-A
HLA-A
HLA-B
HLA-C
HLA-DPA1
HLA-DPB1
HLA-DQA1
HLA-DQB1
HLA-DRA
HLA-DRB1
HLA-DRB5
HLA-E
HLA-F
HLA-G