**Table 1. Tabular matrix with normalised cytokine data**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  | **TLR4 induction (with LPS)** | | | | **NOD2 induction (with MDP)** | | | | **TLR1-2 induction (with Pam3CSK4)** | | | | **Sum** |
| **Subjects** | **Hierarchical clusters** | **IL-10** | **IL-1B** | **IL-6** | **TNF-** | **IL-10** | **IL-1B** | **IL-6** | **TNF-** | **IL-10** | **IL-1B** | **IL-6** | **TNF-** |
| **Patients** | SOPR0339 | 1 | -0.952 | -1.503 | -0.690 | -1.768 | -0.856 | -0.753 | -1.242 | -0.807 | -1.464 | -1.604 | -0.846 | -1.062 | -13.548 |
| SOPR0340 | 1 | -0.945 | -1.180 | -0.551 | -1.924 | -0.845 | -0.728 | -1.221 | -0.808 | -1.519 | -1.717 | -0.935 | -1.067 | -13.440 |
| SOPR0342 | 1 | -1.260 | -1.872 | -0.825 | -1.930 | -0.857 | -0.749 | -1.197 | -0.804 | -1.481 | -1.695 | -0.863 | -1.061 | -14.593 |
| SOPR0345 | 1 | -0.829 | -1.558 | -0.805 | -1.585 | -0.868 | -0.761 | -1.248 | -0.807 | -1.405 | -1.572 | -0.842 | -1.066 | -13.345 |
| SOPR0351 | 1 | -1.124 | -1.934 | -0.840 | -1.949 | -0.829 | -0.756 | -1.221 | -0.759 | -1.426 | -1.702 | -0.955 | -1.055 | -14.549 |
| SOPR0355 | 2 | -1.427 | -1.543 | -0.679 | -1.499 | -0.845 | -0.698 | -0.963 | -0.371 | -1.459 | -1.312 | -0.692 | -0.607 | -12.095 |
| SOPR0367 | 2 | -1.289 | -1.568 | -0.752 | -1.241 | -0.856 | -0.744 | -1.037 | -0.627 | -1.339 | -1.319 | -0.768 | -0.296 | -11.836 |
| SOPR0372 | 2 | -0.780 | -1.043 | -0.489 | -1.112 | -0.784 | -0.681 | -0.885 | -0.525 | -1.412 | -1.502 | -0.661 | -0.715 | -10.589 |
| SOPR0381 | 2 | -1.213 | -0.760 | -0.693 | -0.830 | -0.828 | -0.559 | -1.066 | -0.549 | -1.416 | -0.832 | -0.710 | -0.607 | -10.062 |
| SOPR0378 | 4 | -0.913 | -0.909 | -0.508 | -1.491 | -0.708 | -0.594 | -0.872 | -0.445 | -0.710 | 0.018 | -0.192 | -0.294 | -7.618 |
| SOPR0359 | 3 | -1.286 | -0.794 | -0.563 | -0.274 | -0.743 | -0.415 | -0.656 | -0.004 | -1.287 | -1.394 | -0.661 | -0.569 | -8.646 |
| SOPR0368 | 3 | -1.347 | -1.057 | -0.458 | -0.489 | -0.858 | -0.713 | -0.979 | -0.115 | -1.457 | -1.319 | -0.566 | 0.120 | -9.238 |
| SOPR0369 | 3 | -1.377 | -1.057 | -0.457 | -0.577 | -0.851 | -0.717 | -1.062 | 0.150 | -1.483 | -1.386 | -0.555 | -0.043 | -9.415 |
| SOPR0336 | 4 | -1.172 | -2.054 | -0.627 | -1.929 | -0.870 | 1.195 | -0.251 | -0.533 | -1.480 | -1.396 | -0.662 | -0.809 | -10.587 |
| SOPR0348 | 4 | 0.632 | -1.044 | -0.448 | -0.776 | -0.091 | -0.665 | -0.029 | -0.320 | 0.775 | -0.911 | -0.321 | -0.382 | -3.580 |
| SOPR0352 | 4 | -0.002 | -1.226 | -0.803 | -1.257 | 0.792 | -0.564 | -0.765 | -0.519 | -0.797 | -1.615 | -0.811 | -1.002 | -8.570 |
| SOPR0370 | 4 | 0.026 | -0.248 | -0.362 | -0.523 | 0.872 | -0.690 | -0.659 | -0.643 | -1.482 | -0.273 | -0.127 | -0.585 | -4.696 |
| SOPR0346 | 4 | -0.147 | -0.331 | -0.803 | 0.582 | -0.184 | -0.503 | 0.058 | 0.557 | -0.071 | -0.554 | -0.344 | 0.524 | -1.215 |
| SOPR0384 | 4 | -0.458 | 0.758 | -0.595 | 0.492 | -0.251 | -0.068 | -0.431 | -0.467 | -0.558 | 1.395 | -0.555 | -0.689 | -1.427 |
| SOPR0380 | 4 | -0.300 | -1.222 | 0.948 | -0.726 | -0.782 | -0.740 | -0.950 | -0.635 | -0.083 | -1.288 | 1.614 | -0.427 | -4.590 |
| SOPR0304 | 4 | -1.353 | -1.312 | -0.038 | -1.622 | -0.606 | -0.346 | 1.251 | 0.144 | -1.127 | -0.692 | 0.282 | -0.343 | -5.762 |
| SOPR0377 | 4 | -0.057 | -0.497 | 0.087 | 0.361 | 0.881 | -0.151 | 1.680 | 0.031 | 0.730 | -0.035 | 0.557 | 0.685 | 4.272 |
| **Controls** | SOPR0330 | . | -0.691 | -0.033 | 0.431 | -0.183 | -0.122 | 0.034 | 2.458 | 0.296 | 0.959 | 0.866 | 0.823 | 0.417 | 5.257 |
| SOPR0364 | . | 0.264 | 0.945 | -0.529 | 0.871 | 2.578 | 2.684 | -0.938 | 0.921 | 0.342 | 1.960 | -1.015 | -0.423 | 7.660 |
| SOPR0365 | . | 1.201 | -0.409 | -0.354 | -0.799 | 1.052 | -0.528 | -0.067 | -0.641 | 0.894 | -0.826 | -0.164 | -0.861 | -1.501 |
| SOPR0371 | . | 0.792 | -0.639 | -0.589 | -0.374 | -0.333 | -0.615 | -0.518 | -0.756 | 1.054 | 0.142 | -0.530 | -0.861 | -3.226 |
| SOPR0374 | . | -1.405 | -1.755 | -0.459 | -1.863 | -0.833 | -0.746 | -1.149 | -0.759 | -1.501 | -1.743 | -0.881 | -0.953 | -14.044 |
| SOPR0375 | . | -0.472 | -0.816 | -0.337 | -0.079 | -0.394 | -0.516 | 0.142 | 0.034 | -0.338 | 0.400 | -0.145 | 2.061 | -0.461 |
| SOPR0376 | . | 0.933 | -0.398 | 0.235 | 0.197 | -0.010 | -0.493 | 1.061 | -0.550 | 0.997 | -0.501 | 0.629 | -0.509 | 1.592 |
| SOPR0379 | . | 1.453 | 1.498 | 2.818 | 2.147 | -0.752 | -0.751 | -0.240 | -0.617 | 0.277 | -0.942 | 2.468 | 0.556 | 7.914 |
| SOPR0382 | . | -1.200 | 0.065 | -0.634 | 0.427 | -0.646 | 0.660 | -0.367 | 2.565 | -1.278 | 0.036 | -0.603 | 1.353 | 0.378 |
| SOPR0383 | . | -0.875 | 1.542 | -0.582 | -0.346 | -0.540 | 0.271 | -0.384 | -0.493 | -1.407 | 0.608 | -0.582 | -0.780 | -3.568 |
|  | p values |  | **0.045** | **0.010** | 0.178 | **0.018** | 0.188 | 0.164 | 0.116 | 0.267 | **0.018** | **0.015** | 0.245 | 0.169 | **0.003** |