

| | GF23-2D2/2D2 | | GF23-2D2/WT | | GF23-2D2/GF23 | |
|--------|--------------|---------|-------------|---------|---------------|---------|
| | xlog2 | p value | xlog2 | p value | xlog2 | p value |
| CCL2 | 7.41 | 1.3E-05 | 6.85 | 3.6E-07 | 5.86 | 0.00023 |
| CCL3 | 4.23 | 0.012 | 5.17 | 0.00035 | 2.66 | 0.069 |
| CCL7 | 6.62 | 0.00028 | 5.24 | 0.00023 | 2.35 | 0.10 |
| CCL8 | 8.09 | 8.1E-11 | 6.50 | 3.1E-13 | 1.90 | 0.046 |
| CCR1 | 6.31 | 8.5E-05 | 6.72 | 1.0E-07 | 4.47 | 0.00047 |
| CCR6 | 8.04 | 1.2E-08 | 7.01 | 5.6E-14 | 4.98 | 2.0E-08 |
| CCR7 | 8.03 | 6.9E-07 | 6.08 | 1.9E-07 | 5.53 | 3.2E-05 |
| CXCL5 | 9.78 | 4.2E-11 | 5.93 | 6.9E-12 | 5.10 | 1.2E-07 |
| CXCL9 | 9.84 | 1.1E-10 | 6.74 | 1.6E-08 | 3.00 | 0.028 |
| CXCL10 | 10.51 | 4.2E-11 | 6.53 | 1.5E-11 | 3.43 | 0.0015 |
| CXCL11 | 5.10 | 6.0E-05 | 5.62 | 3.2E-07 | 4.16 | 0.00046 |
| CXCL13 | 5.39 | 0.016 | 8.03 | 4.8E-05 | 2.61 | 0.24 |
| CXCL16 | 5.81 | 1.3E-09 | 5.59 | 8.6E-12 | 3.41 | 0.00022 |
| CXCR3 | 7.03 | 9.6E-05 | 5.67 | 5.6E-05 | 3.06 | 0.033 |
| CXCR6 | 7.79 | 1.2E-06 | 5.95 | 3.7E-08 | 3.17 | 0.0046 |
| CD20 | 9.51 | 8.0E-12 | 7.48 | 1.5E-16 | 6.18 | 2.1E-11 |
| CD25 | 3.63 | 0.011 | 6.17 | 3.3E-06 | 5.50 | 0.00023 |
| CD27 | 5.06 | 2.1E-05 | 6.21 | 9.4E-09 | 5.46 | 5.6E-06 |
| CD40 | 8.86 | 9.2E-10 | 5.28 | 2.4E-10 | 3.82 | 1.9E-05 |
| CD44 | 2.44 | 0.0064 | 3.93 | 5.3E-07 | 2.98 | 0.0009 |
| CD69 | 7.86 | 0.096 | 7.78 | 0.054 | 8.15 | 0.084 |
| CD80 | 4.17 | 0.23 | 4.10 | 0.16 | 2.58 | 0.45 |
| CD86 | 2.93 | 0.0021 | 3.82 | 6.0E-06 | 2.49 | 0.0076 |
| H2-Eb1 | 5.35 | 7.4E-05 | 6.16 | 1.5E-07 | 2.32 | 0.085 |
| Icam1 | 8.79 | 3.1E-09 | 4.34 | 9.7E-08 | 2.67 | 0.0035 |
| IFNg | 6.69 | 0.0016 | 5.35 | 0.0017 | 3.95 | 0.036 |
| IL-1a | 4.17 | 0.17 | 3.62 | 0.16 | 1.19 | 0.68 |
| IL-1b | 7.51 | 3.2E-08 | 6.47 | 6.9E-12 | 4.45 | 5.1E-06 |
| CD40lg | 6.16 | 0.0011 | 5.60 | 0.00022 | 4.03 | 0.017 |