Supplemental Table 3 VI Gene expression set.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| VI-GE | VI-GE cont. (I) | VI-GE cont. (II) | VI-GE cont. (III) | VI-GE cont. (IV) | VI-GE cont. (V) | VI-GE cont. (VI) | VI-GE cont. (VII) | VI-GE cont. (VIII) | VI-GE cont. (IX) |
| ACTG1 | ISG15 | OSTF1 | TIMD4 | SUCLG1 | GIMAP1 | DECR1 | ATP5F1A | MT1F | CEBPD |
| PCLAF | MXD4 | PRF1 | UBE2L6 | TAP1 | COPZ1 | ARPC2 | GMFG | NUDT5 | CHI3L2 |
| ACTB | SUB1 | ABRACL | MYL6B | CLIC3 | TALDO1 | NOP10 | CXCR3 | POLR2G | LAMTOR2 |
| GAPDH | PSMA4 | GLRX | DCTN3 | TPM4 | CALM3 | APOBEC3C | IGBP1 | LDHB | PFDN4 |
| CD38 | HLA-DRA | ACTR3 | IRF4 | GBP2 | EIF2S2 | LGALS1 | COPB2 | GBP1 | PARK7 |
| GZMH | PPP1R18 | SIT1 | ANXA5 | NDUFC2 | HLA-DMA | GZMB | MT-CO1 | ATP5MF | RABL3 |
| PFN1 | GSTO1 | TXNDC17 | ATP5F1B | CHCHD1 | POMP | CFL1 | CHMP2A | COX6B1 | IFI27L2 |
| CORO1A | APOBEC3G | H3F3A | GIMAP4 | PPP1CA | COMMD4 | CLTA | ATP5MC3 | COX6C | RACK1 |
| PYCARD | ARPC5 | CCDC28B | PSMB2 | TKT | GGCT | TWF2 | ARPC1B | ACAA2 | CD27 |
| PSMB8 | UCP2 | ATP5MG | NDUFB3 | SH3BGRL3 | HAVCR2 | PSMD8 | NDUFS2 | PSMB3 | FKBP3 |
| TMSB10 | PSMA5 | DNAJC15 | NCOA4 | EIF4E2 | LAP3 | PPP4C | MT1E | AP1S1 | MRPL10 |
| ARPC3 | WDR1 | IDH2 | YARS | LAIR2 | PTRHD1 | TMEM256 | MRPL28 | NSMCE1 | TXNDC9 |
| CLIC1 | ARHGDIB | SEC11A | CARD16 | MRPL51 | FERMT3 | HMGA1 | OAS2 | TROAP | FIBP |
| CD52 | YWHAE | FABP5 | COX5A | TRAPPC1 | COPS9 | ATP5MC2 | SERPINB1 | RTRAF | PTTG1 |
| TMSB4X | CCL5 | CAPZB | FKBP1A | CSK | QARS | FGFBP2 | CARHSP1 | ZYX | NCKAP1L |
| APOBEC3H | SLC25A5 | DBI | TCEAL8 | BCL2L11 | AP2S1 | GTF3C6 | LCP1 | RAC2 | ARHGAP30 |
| ADA | PSMB4 | IFI16 | CLDND1 | LIMD2 | ZNHIT1 | RGS10 | PSME1 | CHCHD5 | NT5C3A |
| SEM1 | ITGB1 | DCTN2 | NDUFB5 | JPT1 | ICA1 | ATP6V1D | AC010618.1 | MPG |  |
| MYL6 | DYNLL1 | COTL1 | ATP5F1C | GTF2H5 | HADHB | S1PR4 | PSMA2 | RPS6KA1 |  |
| GZMA | ARPC4 | CNN2 | MRPL42 | NDUFA12 | BLOC1S1 | EZH2 | RPA3 | SRSF9 |  |