Supplementary Table 1 The top 10 genes with the largest differences in expression between up- and down-regulation

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Differentially express | logFC | AveExpr | t | B | P | adjust P |
| *CCL2* | Up | 9.419  | 5.159  | 10.579  | 1.346  | 0.000  | 0.019  |
| *SERPINE1* | Up | 8.297  | 6.190  | 10.936  | 1.502  | 0.000  | 0.018  |
| *CCL7* | Up | 7.721  | 4.136  | 7.579  | -0.246  | 0.001  | 0.030  |
| *IL11* | Up | 7.480  | 4.288  | 9.835  | 1.000  | 0.000  | 0.021  |
| *SPP1* | Up | 7.422  | 7.307  | 17.770  | 3.658  | 0.000  | 0.009  |
| *TIMP1* | Up | 7.182  | 7.381  | 11.553  | 1.759  | 0.000  | 0.017  |
| *LCN2* | Up | 7.077  | 5.548  | 11.135  | 1.587  | 0.000  | 0.017  |
| *CXCL1* | Up | 6.929  | 3.464  | 21.441  | 4.390  | 0.000  | 0.007  |
| *S100A9* | Up | 6.881  | 4.065  | 10.690  | 1.395  | 0.000  | 0.018  |
| *HSPB1* | Up | 6.851  | 7.197  | 12.243  | 2.028  | 0.000  | 0.016  |
| *PLK5* | Down | -3.815  | 2.672  | -6.313  | -1.117  | 0.002  | 0.040  |
| *DDC* | Down | -3.247  | 2.677  | -5.750  | -1.555  | 0.003  | 0.048  |
| *GH1* | Down | -3.151  | 1.576  | -6.153  | -1.238  | 0.002  | 0.042  |
| *BTBD17* | Down | -3.012  | 5.444  | -7.522  | -0.283  | 0.001  | 0.030  |
| *MAMSTR* | Down | -2.858  | 2.115  | -8.418  | 0.256  | 0.001  | 0.028  |
| *NOTUM* | Down | -2.673  | 1.682  | -6.702  | -0.834  | 0.002  | 0.036  |
| *P2RY12* | Down | -2.625  | 5.681  | -12.874  | 2.258  | 0.000  | 0.015  |
| *DIPK1C* | Down | -2.478  | 3.875  | -11.061  | 1.556  | 0.000  | 0.017  |
| *P2RX2* | Down | -2.444  | 1.567  | -5.820  | -1.499  | 0.003  | 0.047  |
| *SCD3* | Down | -2.391  | 1.195  | -6.391  | -1.059  | 0.002  | 0.039  |