**S6 Table**. Top ten down-regulated *ERG*s (FC, FDR *q*-value < 0.05).

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ***ERG*s** | **ID**A | ***E. coli* response** | **Combined inh.** | **CD14 inh.** | **C3 inh.** |  | **Biological process**B |
| **MERTK**C | 8044391 | **-7.5** | 3.2 | 3.4 | *n.s.*D |  | Positive regulation of phagocytosis |
| **VCAN**E | 8106743 | **-6.0** | 4.5 | 4.2 | 1.4 |  | Cell adhesion |
| **miR223** | 8167971 | **-6.0** | 2.9 | 2.7 | 1.6 |  | MI0000300F,G |
| **CSF1R**H | 8115076 | **-5.9** | 6.4 | 3.6 | 1.3 |  | Cell proliferation |
| **CD14**  | 8114612 | **-4.7** | 4.4 | 3.1 | 1.8 |  | Toll signaling pathway |
| **THBD**I | 8065353 | **-4.6** | *n.s.* | 1.9 | -1.2 |  | Blood coagulation |
| **CD163**  | 7960794 | **-4.3** | 3.1 | 2.8 | 1.3 |  | Acute phase response |
| **FOS**J | 7975779 | **-4.2** | 3.0 | 1.7 | *n.s.* |  | Toll signaling pathway |
| **NLRP12**K | 8039096 | **-4.2** | 3.6 | 2.1 | 1.3 |  | Negative regulation of Toll signaling pathway; positive regulation of IL-1b secretion |
| **FGL2**L | 8140463 | **-3.9** | 5.1 | 2.0 | 1.9 |  | Signal transduction |

A Affymetrix transcript ID; see S8 Table for data from a C5-deficient patient

B Gene ontology (GO\_BP) annotations were retrieved from UniProtKB-GOA.

C C-mer proto-oncogene tyrosine kinase

D *n.s.*, not significant

E Versican

F microRNA Accession number

G miR223 (according to IPA): targets E2F1 and MEF2C

H Colony stimulating factor 1 receptor

I Thrombomodulin

J FBJ murine osteosarcoma viral oncogene homolog

K NLR family, pyrin domain containing 12

L Fibrinogen-like 2