**S7 Table.** Top ten up-regulated *ERG*s and their responses upon C5-deficiency (FC, FDR *q*-value < 0.05).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***ERG*s** | **ID**A | ***E. coli response*** | **Combined inh.** | **CD14 inh.** | **C3 inh.** | **Biological process**B |
| **IL-6** | 8131803 | **153.2** | -44.40 | -20.57 | *n.s.*C | Acute phase response |
| **IRG1**D | 7969482 | **91.67** | -61.60 | -35.20 | *n.s.* | Propionate catabolic process |
| **MIR155HG**E | 8068022 | **33.98** | -19.20 | -8.57 | *n.s.* | MI0000681F,G |
| **IL-12B** | 8115570 | **52.43** | -34.72 | -16.18 | *n.s.* | T-helper 1 type immune response |
| **CCL20** | 8048864 | **20.86** | -12.18 | -8.67 | *n.s.* | Cell-cell signaling; chemotaxis |
| **IL-1A** | 8054712 | **14.91** | -5.06 | -3.73 | *n.s.* | Anti-apoptosis |
| **CXCL10** | 8101126 | **19.60** | -12.21 | -12.67 | 1.62 | Cell-cell signaling; chemotaxis |
| **IFIT1**H | 7929065 | **36.52** | -16.84 | -17.33 | *n.s.* | Negative regulation of defense response to virus by hostI |
| **IFIT2** | 7929047 | **16.77** | -8.68 | -8.34 | *n.s.* | Response to virusI |
| **IFIT3** | 7929052 | **19.11** | -10.47 | -7.32 | *n.s.* | Cellular response to interferon-alphaI |

A Affymetrix transcript ID

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

C *n.s.*, not significant

D IRG1, immune-responsive 1 homolog

E MIR155HG, non-protein coding host gene of microRNA 155 (miR155)

F microRNA Accession number

G miR155 targets (according to IPA): AICDA, BCL2, CD47, CD69, CEBPB, DUSP5, FADD, IKBKE, Ikk (family), IL13RA1, INPP5D, JARID2, MAF, RIPK1, SOCS, SPI1, TAB2

H IFIT1, interferon-induced protein with tetratricopeptide repeats 1

I Type I interferon-mediated signaling pathway