| **Comparison** | **Gene Name** | **logFC** | **FDR** | **Description** |
| --- | --- | --- | --- | --- |
| MG-Diet Interaction | BMP1 | -5.28 | 0.00253 | bone morphogenetic protein 1 |
| LOC108962424 | -5.05 | 0.0111 | uncharacterized LOC108962424 |
| LOC103821265 | -4.2 | 0.0372 | serine/threonine-protein kinase PAK 3-like |
| LOC108961920 | -3.99 | 0.0463 | uncharacterized LOC108961920 |
| LYPD6B | -3.48 | 0.0333 | LY6/PLAUR domain containing 6B |
| JCHAIN | -3.43 | 0.0182 | joining chain of multimeric IgA and IgM |
| 103827129 | -3.2 | 0.0348 |  |
| ALDH1L2 | -3.1 | 0.0422 | aldehyde dehydrogenase 1 family member L2 |
| LOC127061056 | -3 | 0.00858 | uncharacterized protein DDB\_G0290301-like |
| MX1 | -2.68 | 0.0187 | interferon-induced GTP-binding protein Mx-like |
| TMEM132B | 2.59 | 0.00701 | transmembrane protein 132B |
| FDXACB1 | 2.64 | 0.0353 | ferredoxin-fold anticodon binding domain containing 1 |
| CRIP2 | 2.76 | 0.0125 | cysteine rich protein 2 |
| LEPR | 2.92 | 0.00547 | leptin receptor |
| LRIG3 | 3.14 | 0.0223 | leucine rich repeats and immunoglobulin like domains 3 |
| TEK | 3.15 | 0.00243 | TEK receptor tyrosine kinase |
| EDA | 3.15 | 0.00701 | ectodysplasin A |
| LOC127060731 | 3.58 | 0.043 | acyl-coenzyme A thioesterase THEM4-like |
| OCIAD2 | 4.04 | 0.000629 | OCIA domain containing 2 |
| TMEM150C | 5.16 | 0.00516 | transmembrane protein 150C |
| MG Infection | LRIG3 | -2.22 | 0.000431 | leucine rich repeats and immunoglobulin like domains 3 |
| TTC38 | -2.22 | 0.000431 | tetratricopeptide repeat domain 38 |
| CGNL1 | -2.13 | 2.39e-05 | cingulin like 1 |
| EDA | -1.98 | 4e-04 | ectodysplasin A |
| POU2F3 | -1.96 | 0.00174 | POU class 2 homeobox 3 |
| LOC103812707 | -1.84 | 0.00793 | sodium channel protein type 5 subunit alpha-like |
| LOC103815634 | -1.69 | 0.0173 | phospholipase A and acyltransferase 1-like |
| NEFM | -1.65 | 4e-04 | neurofilament medium chain |
| FAM222A | -1.61 | 0.0152 | family with sequence similarity 222 member A |
| KIT | -1.61 | 0.00408 | KIT proto-oncogene, receptor tyrosine kinase |
| KLHL38 | 1.43 | 0.00467 | kelch like family member 38 |
| ARHGAP28 | 1.47 | 0.00807 | Rho GTPase activating protein 28 |
| JCHAIN | 1.49 | 0.0263 | joining chain of multimeric IgA and IgM |
| LOC127061143 | 1.63 | 0.00923 | cathepsin S-like |
| LOC108962424 | 1.75 | 0.0488 | uncharacterized LOC108962424 |
| IQCD | 1.76 | 0.0143 | IQ motif containing D |
| 103827129 | 1.79 | 0.00973 |  |
| ALDH1L2 | 2.18 | 0.00187 | aldehyde dehydrogenase 1 family member L2 |
| LOC127060731 | 2.29 | 0.00482 | acyl-coenzyme A thioesterase THEM4-like |
| LOC108961920 | 2.68 | 0.00406 | uncharacterized LOC108961920 |
| Diet (Protein vs Lipid) | LOC103822244 | -4.45 | 7.38e-05 | mas-related G-protein coupled receptor member H-like |
| OCIAD2 | -3.47 | 6.78e-06 | OCIA domain containing 2 |
| EDA | -3.25 | 6.78e-06 | ectodysplasin A |
| LRIG3 | -3.2 | 7.38e-05 | leucine rich repeats and immunoglobulin like domains 3 |
| IQCD | -3.08 | 0.00539 | IQ motif containing D |
| CRIP2 | -3.05 | 9.75e-06 | cysteine rich protein 2 |
| TEK | -2.9 | 7.01e-06 | TEK receptor tyrosine kinase |
| FDXACB1 | -2.75 | 0.000402 | ferredoxin-fold anticodon binding domain containing 1 |
| LOC127061044 | -2.44 | 0.00309 | centrosome-associated protein CEP250-like |
| 103812751 | -2.21 | 0.00867 |  |
| OASL | 2.64 | 0.00259 | 2'-5'-oligoadenylate synthase 1-like |
| SLC39A8 | 2.76 | 0.000294 | solute carrier family 39 member 8 |
| 103827129 | 2.8 | 0.00806 |  |
| JCHAIN | 2.88 | 0.00422 | joining chain of multimeric IgA and IgM |
| FAM222A | 3.16 | 0.000526 | family with sequence similarity 222 member A |
| LOC103821265 | 3.22 | 0.0234 | serine/threonine-protein kinase PAK 3-like |
| RIMBP2 | 3.4 | 0.000224 | RIMS binding protein 2 |
| BMP1 | 3.89 | 0.00276 | bone morphogenetic protein 1 |
| LOC108961920 | 4.51 | 0.00234 | uncharacterized LOC108961920 |
| PCTP | 5.36 | 4.8e-06 | phosphatidylcholine transfer protein |