

| | Gene symbol | adj.p.value | logFC | Gene title | ID |
|--------------------------|-------------|-------------|-------|---|-------------|
| UP regulated genes | SLC2A3 | 3.71E-09 | 2.090 | solute carrier family 2 member 3 | 202498_s_at |
| | PGD | 1.48E-09 | 2.060 | phosphogluconate dehydrogenase | 201118_at |
| | MAPK14 | 9.67E-09 | 2.010 | mitogen-activated protein kinase 14 | 210449_x_at |
| | ALOX5 | 0.00000207 | 1.470 | arachidonate 5-lipoxygenase | 214366_s_at |
| | WIP1 | 0.00000643 | 1.270 | WD repeat domain, phosphoinositide interacting 1 | 213836_s_at |
| | G6PD | 0.0000539 | 1.130 | glucose-6-phosphate dehydrogenase | 202275_at |
| | JDP2 | 0.0000205 | 1.130 | Jun dimerization protein 2 | 226267_at |
| | SLC40A1 | 0.00000178 | 1.110 | solute carrier family 40 member 1 | 223044_at |
| | TLR4 | 0.00732 | 1.110 | toll like receptor 4 | 232068_s_at |
| | ACSL4 | 0.00126 | 1.100 | acyl-CoA synthetase long-chain family member 4 | 202422_s_at |
| | LAMP2 | 0.000177 | 1.070 | lysosomal associated membrane | 203041_s_at |

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|--------|-------------|-------|---|--------------|
| | | | protein 2 | |
| ATG7 | 0.000000484 | 1.040 | autophagy related 7 | 218673_s_at |
| MAPK1 | 0.000000531 | 1.030 | mitogen-activated protein kinase 1 | 212271_at |
| SP1 | 0.0039 | 1.010 | Sp1 transcription factor | 1553685_s_at |
| MAFG | 3.95E-09 | 0.991 | MAF bZIP transcription factor G | 204970_s_at |
| CD44 | 0.00346 | 0.98 | CD44 molecule (Indian blood group) | 1565868_at |
| STAT3 | 0.00000384 | 0.953 | signal transducer and activator of transcription 3 | 208992_s_at |
| ACVR1B | 0.00000112 | 0.947 | activin A receptor type 1B | 213198_at |
| YWHAE | 0.00114 | 0.932 | tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon | 210317_s_at |
| IDH1 | 0.000306 | 0.905 | isocitrate dehydrogenase (NADP(+)) 1, cytosolic | 1555037_a_at |
| CAPG | 0.000146 | 0.890 | capping actin protein, gelsolin like | 201850_at |
| MAP3K5 | 0.0000586 | 0.878 | mitogen-activated protein kinase | 203836_s_at |

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|-----------|------------|-------|----------------------------------|-------------|
| | | | kinase kinase 5 | |
| SAT1 | 0.00000336 | 0.864 | spermidine/spermine | 213988_s_at |
| | | | N1-acetyltransferase 1 | |
| FLT3 | 0.000299 | 0.834 | fms related tyrosine kinase 3 | 206674_at |
| NCF2 | 0.0000686 | 0.833 | neutrophil cytosolic factor 2 | 209949_at |
| CYBB | 0.00167 | 0.826 | cytochrome b-245 beta chain | 203922_s_at |
| BID | 0.00275 | 0.811 | BH3 interacting domain death | 204493_at |
| | | | agonist | |
| EPAS1 | 0.00174 | 0.758 | endothelial PAS domain protein | 200878_at |
| | | | 1 | |
| ZFP36 | 0.000701 | 0.653 | ZFP36 ring finger protein | 201531_at |
| GABARAPL2 | 0.000531 | 0.620 | GABA type A receptor | 209046_s_at |
| | | | associated protein like 2 | |
| SLC7A5 | 0.0278 | 0.604 | solute carrier family 7 member 5 | 201195_s_at |
| DUSP1 | 0.0202 | 0.550 | dual specificity phosphatase 1 | 201044_x_at |
| HMOX1 | 0.0291 | 0.536 | heme oxygenase 1 | 203665_at |
| BACH1 | 0.0388 | 0.534 | BTB domain and CNC homolog | 204194_at |
| | | | 1 | |
| FTH1 | 0.0000905 | 0.508 | ferritin heavy chain 1 | 200748_s_at |
| TXNRD1 | 0.00987 | 0.506 | thioredoxin reductase 1 | 201266_at |

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| | CBS | 0.00699 | 0.503 | cystathionine-beta-synthase | 1553972_a_at |
| | SRXN1 | 0.0223 | 0.502 | sulfiredoxin 1 | 225252_at |
| Down regulated gene | SLC38A1 | 0.0000437 | -1.390 | solute carrier family 38 member 1 | 224579_at |
| | ATM | 0.00005 | -1.190 | ATM serine/threonine kinase | 212672_at |
| | AKR1C3 | 0.000277 | -1.030 | aldo-keto reductase family 1, member C3 | 209160_at |
| | TUBE1 | 0.00821 | -0.924 | tubulin epsilon 1 | 226181_at |
| | LPIN1 | 0.000328 | -0.919 | lipin 1 | 212276_at |
| | PEBP1 | 0.000409 | -0.901 | phosphatidylethanolamine binding protein 1 | 210825_s_at |
| | MAPK8 | 0.0000263 | -0.770 | mitogen-activated protein kinase 8 | 229664_at |
| | ZEB1 | 0.000535 | -0.736 | zinc finger E-box binding homeobox 1 | 212764_at |
| | DPP4 | 0.021 | -0.676 | dipeptidyl peptidase 4 | 211478_s_at |
| | SNX4 | 0.00708 | -0.654 | sorting nexin 4 | 212652_s_at |
| | SIRT1 | 0.00287 | -0.647 | sirtuin 1 | 218878_s_at |
| | ARRDC3 | 0.0078 | -0.642 | arrestin domain containing 3 | 224797_at |

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| BNIP3 | 0.0418 | -0.631 | BCL2 interacting protein 3 | 201849_at |
| SCP2 | 0.0204 | -0.595 | sterol carrier protein 2 | 211733_x_at |
| KLHL24 | 0.0424 | -0.573 | kelch like family member 24 | 226158_at |
