

2592H

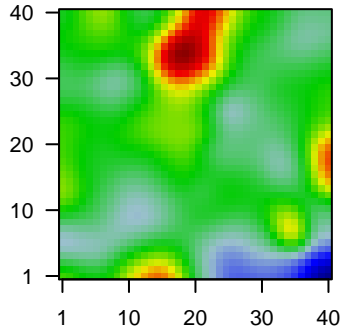
Global Summary

%DE = 0.09
 # genes with fdr < 0.2 = 3102 (1822 + / 1280 -)
 # genes with fdr < 0.1 = 2329 (1384 + / 945 -)
 # genes with fdr < 0.05 = 1823 (1101 + / 722 -)
 # genes with fdr < 0.01 = 1091 (671 + / 420 -)

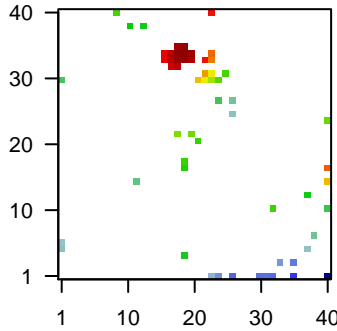
 # genes in genesets = 16360

<FC> = 0
 <t-score> = -0.04
 <p-value> = 0.19
 <fdr> = 0.91

Portrait



Top 100 DE genes



Global Genelist

| Rank | ID | log(FC) | fdr | p-value | Description |
|------|--------------|---------|-------|---------|--|
| 1 | 1554663_a_a | 2.13 | 2e-16 | 2e-13 | 32 x 11 nuclear mitotic apparatus protein 1 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 2 | 1555229_a_a | 2.25 | 2e-16 | 2e-13 | 18 x 32 complement C1s [Source:HGNC Symbol;Acc:HGNC:1247] |
| 3 | 1556069_s_a1 | -1.91 | 2e-16 | 2e-13 | 26 x 25 hypoxia inducible factor 3 subunit alpha [Source:HGNC Symbol;Acc:HGNC:1247] |
| 4 | 1558170_at | -1.1 | 2e-16 | 2e-13 | 32 x 1 |
| 5 | 1567628_at | 1.44 | 2e-16 | 2e-13 | 20 x 33 CD74 molecule [Source:HGNC Symbol;Acc:HGNC:1697] |
| 6 | 201137_s_at | 1.23 | 2e-16 | 2e-13 | 19 x 34 major histocompatibility complex, class II, DP beta 1 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 7 | 202376_at | 1.54 | 2e-16 | 2e-13 | 19 x 34 serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 8 | 203290_at | 2.37 | 2e-16 | 2e-13 | 19 x 34 major histocompatibility complex, class II, DQ alpha 2 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 9 | 204103_at | -1.55 | 2e-16 | 2e-13 | 22 x 30 C-C motif chemokine ligand 4 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 10 | 204537_s_at | 2.12 | 2e-16 | 2e-13 | 18 x 33 gamma-aminobutyric acid type A receptor epsilon subunit [Source:HGNC Symbol;Acc:HGNC:1247] |
| 11 | 204575_s_at | 2.56 | 2e-16 | 2e-13 | 17 x 33 matrix metalloproteinase 19 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 12 | 204614_at | 2.08 | 2e-16 | 2e-13 | 16 x 33 serpin family B member 2 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 13 | 204684_at | -1.46 | 2e-16 | 2e-13 | 40 x 1 neuronal pentraxin 1 [Source:NCBI gene;Acc:4884] |
| 14 | 205114_s_at | -1.89 | 2e-16 | 2e-13 | 23 x 30 C-C motif chemokine ligand 3 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 15 | 205374_at | 2.44 | 2e-16 | 2e-13 | 19 x 33 sarcolipin [Source:HGNC Symbol;Acc:HGNC:11089] |
| 16 | 205495_s_at | 2.14 | 2e-16 | 2e-13 | 17 x 33 granulysin [Source:HGNC Symbol;Acc:HGNC:4414] |
| 17 | 205700_at | -1.97 | 2e-16 | 2e-13 | 38 x 7 hydroxysteroid 17-beta dehydrogenase 6 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 18 | 205858_at | 2.31 | 2e-16 | 2e-13 | 19 x 18 nerve growth factor receptor [Source:HGNC Symbol;Acc:HGNC:1247] |
| 19 | 206012_at | 2.11 | 2e-16 | 2e-13 | 20 x 34 left-right determination factor 2 [Source:HGNC Symbol;Acc:HGNC:1247] |
| 20 | 206190_at | -2 | 2e-16 | 2e-13 | 31 x 1 G protein-coupled receptor 17 [Source:HGNC Symbol;Acc:HGNC:1247] |

Global Geneset Analysis

| Rank | GSZ | p-value | #all | Geneset |
|-----------------------|-------|---------|------|---|
| <i>Overexpressed</i> | | | | |
| 1 | 15.36 | NULL | 17 | BP antigen processing and presentation of peptide or polysaccharide antigen fragments |
| 2 | 13.14 | NULL | 43 | BP antigen processing and presentation |
| 3 | 12.2 | NULL | 564 | BP immune system process |
| 4 | 10.36 | NULL | 388 | BP immune response |
| 5 | 9.98 | NULL | 155 | BP regulation of immune response |
| 6 | 9.39 | NULL | 4278 | BP plasma membrane |
| 7 | 8.65 | NULL | 460 | BP neutrophil degranulation |
| 8 | 8.59 | NULL | 7387 | BP membrane |
| 9 | 8.43 | NULL | 1242 | BP Golgi apparatus |
| 10 | 8.06 | NULL | 93 | BP antigen processing and presentation of exogenous peptide antigen fragments |
| 11 | 7.78 | NULL | 160 | BP T cell receptor signaling pathway |
| 12 | 7.77 | NULL | 6202 | BP cytoplasm |
| 13 | 7.68 | NULL | 594 | BP cell adhesion |
| 14 | 7.64 | NULL | 417 | BP innate immune response |
| 15 | 7.15 | NULL | 64 | BP complement activation, classical pathway |
| 16 | 7.08 | NULL | 64 | BP regulation of complement activation |
| 17 | 6.73 | NULL | 364 | BP inflammatory response |
| 18 | 6.61 | NULL | 289 | BP cytokine-mediated signaling pathway |
| 19 | 6.55 | NULL | 36 | BP semaphorin-plexin signaling pathway |
| 20 | 6.2 | NULL | 118 | BP platelet degranulation |
| <i>Underexpressed</i> | | | | |
| 1 | -8.35 | NULL | 1435 | BP mitochondrion |
| 2 | -6.26 | NULL | 276 | BP translation |
| 3 | -5.91 | NULL | 12 | BP regulation of postsynaptic neurotransmitter receptor activity |
| 4 | -5.45 | NULL | 236 | BP chemical synaptic transmission |
| 5 | -4.89 | NULL | 120 | BP translational initiation |
| 6 | -4.75 | NULL | 28 | BP synaptic vesicle exocytosis |
| 7 | -4.73 | NULL | 25 | BP regulation of dopamine secretion |
| 8 | -4.58 | NULL | 15 | BP calcium ion-regulated exocytosis of neurotransmitter |
| 9 | -4.48 | NULL | 21 | BP positive regulation of dendrite extension |
| 10 | -4.48 | NULL | 16 | BP regulation of calcium ion-dependent exocytosis |
| 11 | -4.26 | NULL | 16 | BP positive regulation of calcium ion-dependent exocytosis |
| 12 | -4.16 | NULL | 83 | BP mitochondrial translational elongation |
| 13 | -4.15 | NULL | 59 | BP mitochondrial respiratory chain complex I assembly |
| 14 | -4.02 | NULL | 69 | BP SRP-dependent cotranslational protein targeting to membrane |
| 15 | -3.98 | NULL | 93 | BP ribosome biogenesis |
| 16 | -3.97 | NULL | 85 | BP mitochondrial translational termination |
| 17 | -3.92 | NULL | 30 | BP associative learning |
| 18 | -3.87 | NULL | 43 | BP mitochondrial electron transport, NADH to ubiquinone |
| 19 | -3.85 | NULL | 152 | BP rRNA processing |
| 20 | -3.85 | NULL | 30 | BP sterol biosynthetic process |

p-values

