

2501N

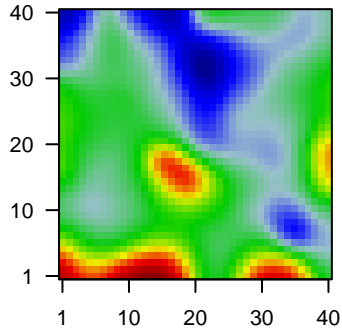
Global Summary

%DE = 0.09
 # genes with fdr < 0.2 = 3068 (1768 + / 1300 -)
 # genes with fdr < 0.1 = 1941 (1154 + / 787 -)
 # genes with fdr < 0.05 = 1555 (932 + / 623 -)
 # genes with fdr < 0.01 = 832 (505 + / 327 -)

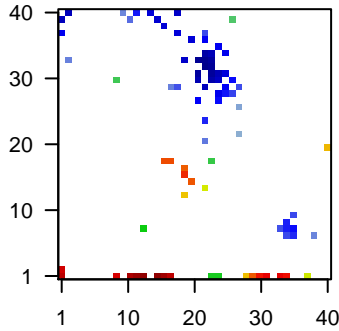
 # genes in genesets = 16360

<FC> = 0
 <t-score> = 0
 <p-value> = 0.21
 <fdr> = 0.91

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr p-value	Description
1	1555230_a_a	2.29	2e-16 7e-13	33 x 1 potassium voltage-gated channel interacting protein 2 [Source:HGNC Symbol;Acc:HGNC:50055]
2	1555557_a_a	2.36	2e-16 7e-13	17 x 1 microRNA 6829 [Source:HGNC Symbol;Acc:HGNC:50055]
3	201348_at	-1.35	2e-16 7e-13	25 x 31 glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:50055]
4	203838_s_at	2.22	2e-16 7e-13	16 x 1 tyrosine kinase non receptor 2 [Source:HGNC Symbol;Acc:HGNC:50055]
5	203973_s_at	-0.98	2e-16 7e-13	22 x 37 CCAAT enhancer binding protein delta [Source:HGNC Symbol;Acc:HGNC:50055]
6	204787_at	-1.3	2e-16 7e-13	22 x 32 V-set and immunoglobulin domain containing 4 [Source:HGNC Symbol;Acc:HGNC:50055]
7	205100_at	-1.42	2e-16 7e-13	24 x 31 glutamine-fructose-6-phosphate transaminase 2 [Source:HGNC Symbol;Acc:HGNC:50055]
8	205856_at	-1.59	2e-16 7e-13	24 x 27 solute carrier family 14 member 1 (Kidd blood group) [Source:HGNC Symbol;Acc:HGNC:50055]
9	209230_s_at	-1.55	2e-16 7e-13	25 x 34 nuclear protein 1, transcriptional regulator [Source:HGNC Symbol;Acc:HGNC:50055]
10	210944_s_at	-1.28	2e-16 7e-13	35 x 8 novel transcript
11	214091_s_at	-1.16	2e-16 7e-13	24 x 30 glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:50055]
12	214317_x_at	-0.99	2e-16 7e-13	9 x 30 ribosomal protein S9 [Source:HGNC Symbol;Acc:HGNC:50055]
13	216834_at	-1.97	2e-16 7e-13	21 x 31 regulator of G protein signaling 1 [Source:HGNC Symbol;Acc:HGNC:50055]
14	225207_at	-1.31	2e-16 7e-13	23 x 1 pyruvate dehydrogenase kinase 4 [Source:HGNC Symbol;Acc:HGNC:50055]
15	230781_at	-1.37	2e-16 7e-13	25 x 29 long intergenic non-protein coding RNA 1088 [Source:HGNC Symbol;Acc:HGNC:50055]
16	229151_at	-1.42	1e-15 6e-11	24 x 27 solute carrier family 14 member 1 (Kidd blood group) [Source:HGNC Symbol;Acc:HGNC:50055]
17	244026_at	-1.28	3e-15 6e-11	15 x 39
18	200879_s_at	1.97	4e-15 7e-11	11 x 1 endothelial PAS domain protein 1 [Source:HGNC Symbol;Acc:HGNC:50055]
19	209703_x_at	-0.98	6e-15 7e-11	27 x 22 methyltransferase like 7A [Source:HGNC Symbol;Acc:HGNC:50055]
20	221321_s_at	1.96	6e-15 7e-11	33 x 1 potassium voltage-gated channel interacting protein 2 [Source:HGNC Symbol;Acc:HGNC:50055]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	11.96	NULL	7387	BP membrane synapse
2	11.34	NULL	574	BP synapse
3	10.23	NULL	505	BP nervous system development
4	8.71	NULL	240	BP postsynaptic membrane
5	8.56	NULL	4278	BP plasma membrane
6	8.37	NULL	630	BP cell cycle
7	7.03	NULL	394	BP cell division
8	6.96	NULL	254	BP angiogenesis
9	6.94	NULL	594	BP cell adhesion
10	6.93	NULL	236	BP chemical synaptic transmission
11	6.73	NULL	48	BP synapse organization
12	6.67	NULL	146	BP homophilic cell adhesion via plasma membrane adhesion molecules
13	6.5	NULL	61	BP positive regulation of synapse assembly
14	6.34	NULL	164	BP mitotic cell cycle
15	6.15	NULL	15	BP neuron cell-cell adhesion
16	6.01	NULL	57	BP blood vessel development
17	5.71	NULL	85	BP chromosome segregation
18	5.69	NULL	627	BP ion transport
19	5.67	NULL	887	BP cell differentiation
20	5.67	NULL	158	BP DNA replication
<i>Underexpressed</i>				
1	-9.05	NULL	388	BP immune response
2	-8.52	NULL	564	BP immune system process
3	-6.89	NULL	364	BP inflammatory response
4	-6.55	NULL	417	BP innate immune response
5	-6.29	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigens on MHC class II
6	-5.37	NULL	43	BP antigen processing and presentation
7	-5.15	NULL	151	BP defense response to bacterium
8	-4.93	NULL	64	BP regulation of complement activation
9	-4.76	NULL	54	BP positive regulation of interleukin-6 production
10	-4.69	NULL	12	BP negative regulation by host of viral transcription
11	-4.63	NULL	184	BP defense response to virus
12	-4.52	NULL	33	BP lipopolysaccharide-mediated signaling pathway
13	-4.48	NULL	41	BP positive regulation of interferon-gamma production
14	-4.44	NULL	103	BP response to bacterium
15	-4.38	NULL	36	BP monocyte chemotaxis
16	-4.38	NULL	59	BP positive regulation of T cell proliferation
17	-4.38	NULL	64	BP complement activation, classical pathway
18	-4.36	NULL	47	BP complement activation
19	-4.27	NULL	460	BP neutrophil degranulation
20	-4.14	NULL	32	BP MyD88-dependent toll-like receptor signaling pathway

p-values

