

21707K

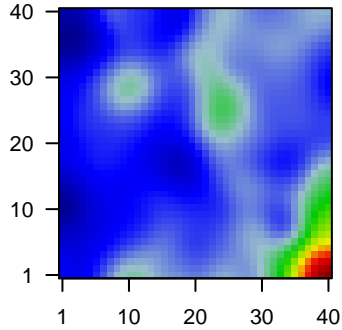
Global Summary

%DE = 0.05
 # genes with fdr < 0.2 = 1156 (851 + / 305 -)
 # genes with fdr < 0.1 = 857 (662 + / 195 -)
 # genes with fdr < 0.05 = 630 (495 + / 135 -)
 # genes with fdr < 0.01 = 271 (226 + / 45 -)

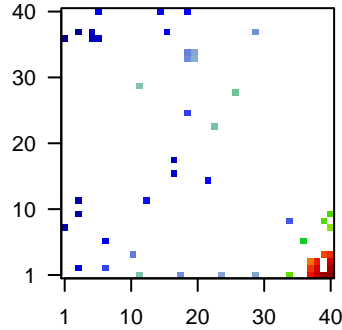
 # genes in genesets = 16360

 <FC> = 0
 <t-score> = 0.1
 <p-value> = 0.28
 <fdr> = 0.95

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	204081_at	1.11	2e-16	4e-12	40 x 1 neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
2	213931_at	-1.29	2e-16	4e-12	16 x 37 inhibitor of DNA binding 2 [Source:HGNC Symbol;Acc:HGNC:8000]
3	242565_x_at	-1.42	2e-16	4e-12	6 x 36 ybeY metalloendonuclease [Source:HGNC Symbol;Acc:HGNC:8000]
4	227952_at	1.95	4e-16	9e-11	12 x 29
5	203999_at	0.98	2e-15	1e-10	40 x 1 synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
6	221916_at	0.99	5e-15	1e-10	40 x 1 neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
7	240964_at	1.87	8e-15	1e-09	13 x 12 phosphatase and tensin homolog [Source:HGNC Symbol;Acc:HGNC:8000]
8	203797_at	1	3e-14	5e-09	40 x 1 visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
9	239275_at	1.77	2e-13	5e-09	40 x 2 FERM and PDZ domain containing 2B, pseudogene [Source:HGNC Symbol;Acc:HGNC:12722]
10	221805_at	1.17	2e-13	4e-08	40 x 1 neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
11	205113_at	1.34	1e-12	4e-08	40 x 1 neurofilament medium [Source:HGNC Symbol;Acc:HGNC:7739]
12	204229_at	1.1	2e-12	4e-08	40 x 1 solute carrier family 17 member 7 [Source:HGNC Symbol;Acc:HGNC:8000]
13	241398_at	1.69	2e-12	1e-07	40 x 3 metallophosphoesterase domain containing 1 [Source:HGNC Symbol;Acc:HGNC:8000]
14	214218_s_at	-1.66	5e-12	1e-07	17 x 18 X inactive specific transcript [Source:HGNC Symbol;Acc:HGNC:8000]
15	211451_s_at	1.65	7e-12	3e-07	40 x 4 potassium voltage-gated channel subfamily J member 4 [Source:HGNC Symbol;Acc:HGNC:8000]
16	227053_at	1.24	1e-11	3e-07	40 x 1 protein kinase C and casein kinase substrate in neurons 1 [Source:HGNC Symbol;Acc:HGNC:8000]
17	213831_at	1.61	2e-11	3e-07	20 x 34 major histocompatibility complex, class II, DQ alpha 1 [Source:HGNC Symbol;Acc:HGNC:8000]
18	219896_at	1.61	2e-11	8e-07	40 x 1 calcyon neuron specific vesicular protein [Source:HGNC Symbol;Acc:HGNC:8000]
19	201909_at	1.08	6e-11	8e-07	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:8000]
20	203798_s_at	1.34	6e-11	8e-07	40 x 1 visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	17.39	NULL	574	BP synapse
2	14.98	NULL	7387	BP membrane
3	13.24	NULL	236	BP chemical synaptic transmission
4	12.64	NULL	4278	BP plasma membrane
5	10.92	NULL	240	BP postsynaptic membrane
6	10.14	NULL	28	BP synaptic vesicle exocytosis
7	9.26	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
8	8.98	NULL	33	BP regulation of exocytosis
9	8.94	NULL	43	BP antigen processing and presentation
10	8.77	NULL	119	BP postsynapse
11	8.74	NULL	51	BP neurotransmitter secretion
12	8.34	NULL	6202	BP cytoplasm
13	7.82	NULL	505	BP nervous system development
14	7.81	NULL	27	BP glutamate secretion
15	7.66	NULL	131	BP presynapse
16	7.62	NULL	79	BP cellular response to calcium ion
17	7.53	NULL	79	BP memory
18	7.52	NULL	627	BP ion transport
19	7.37	NULL	36	BP synaptic vesicle endocytosis
20	7.37	NULL	149	BP regulation of ion transmembrane transport
<i>Underexpressed</i>				
1	-10.22	NULL	1145	BP regulation of transcription by RNA polymerase II
2	-10.09	NULL	1416	BP DNA-binding transcription factor activity, RNA polymerase II-specific
3	-8.94	NULL	1387	BP regulation of transcription, DNA-templated
4	-8.05	NULL	843	BP DNA-binding transcription factor activity
5	-4.9	NULL	630	BP cell cycle
6	-4.01	NULL	394	BP cell division
7	-3.57	NULL	119	BP nucleic acid phosphodiester bond hydrolysis
8	-3.49	NULL	85	BP chromosome segregation
9	-3.4	NULL	94	BP RNA processing
10	-3.4	NULL	39	BP CENP-A containing nucleosome assembly
11	-3.32	NULL	484	BP peptidase activity
12	-3.28	NULL	12	BP angiotensin maturation
13	-3.27	NULL	541	BP negative regulation of transcription, DNA-templated
14	-3.21	NULL	158	BP DNA replication
15	-3.19	NULL	19	BP synaptonemal complex assembly
16	-3.19	NULL	484	BP cellular response to DNA damage stimulus
17	-3.13	NULL	44	BP negative regulation of gene expression, epigenetic
18	-3.11	NULL	231	BP extracellular matrix organization
19	-3.1	NULL	366	BP DNA repair
20	-2.98	NULL	342	BP chromatin organization

p-values

