

9062M

Global Summary

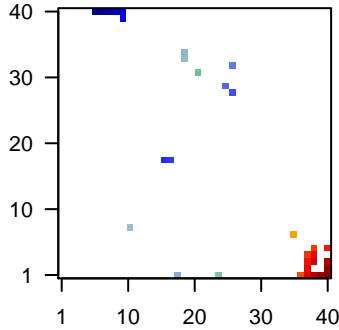
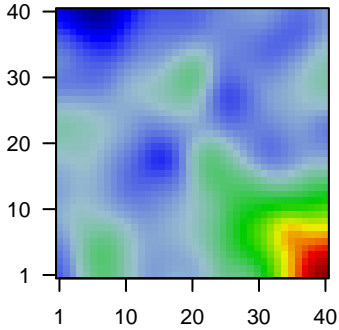
%DE = 0.09
 # genes with fdr < 0.2 = 3228 (2105 + / 1123 -)
 # genes with fdr < 0.1 = 2594 (1774 + / 820 -)
 # genes with fdr < 0.05 = 2165 (1531 + / 634 -)
 # genes with fdr < 0.01 = 1561 (1156 + / 405 -)

 # genes in genesets = 16360

<FC> = 0
 <t-score> = 0.03
 <p-value> = 0.18
 <fdr> = 0.91

Portrait

Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	1552715_a_a	1.83	2e-16	3e-13	38 x 1 relaxin family peptide receptor 1 [Source:HGNC Symbol;Acc:HGNC:1552715]
2	1555800_at	1.95	2e-16	3e-13	40 x 1 zinc finger protein 385B [Source:HGNC Symbol;Acc:HGNC:1555800]
3	201341_at	0.9	2e-16	3e-13	40 x 3 ectodermal-neural cortex 1 [Source:HGNC Symbol;Acc:HGNC:201341]
4	201668_x_at	-0.82	2e-16	3e-13	10 x 39 myristoylated alanine rich protein kinase C substrate [Source:HGNC Symbol;Acc:HGNC:201668]
5	202507_s_at	1.03	2e-16	3e-13	38 x 1 synaptosome associated protein 25 [Source:HGNC Symbol;Acc:HGNC:202507]
6	203000_at	0.92	2e-16	3e-13	37 x 1 stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
7	203001_s_at	1.12	2e-16	3e-13	38 x 1 stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
8	203413_at	0.9	2e-16	3e-13	40 x 3 neural EGFL like 2 [Source:HGNC Symbol;Acc:HGNC:7751]
9	203498_at	1.02	2e-16	3e-13	37 x 4 regulator of calcineurin 2 [Source:HGNC Symbol;Acc:HGNC:203498]
10	203548_s_at	-0.82	2e-16	3e-13	26 x 28 lipoprotein lipase [Source:HGNC Symbol;Acc:HGNC:6677]
11	203797_at	1.37	2e-16	3e-13	40 x 1 visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
12	203798_s_at	1.66	2e-16	3e-13	40 x 1 visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
13	203999_at	1.16	2e-16	3e-13	40 x 1 synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
14	204081_at	1.18	2e-16	3e-13	40 x 1 neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
15	204229_at	1.14	2e-16	3e-13	40 x 1 solute carrier family 17 member 7 [Source:HGNC Symbol;Acc:HGNC:204229]
16	204324_s_at	-1.2	2e-16	3e-13	8 x 40 golgi integral membrane protein 4 [Source:HGNC Symbol;Acc:HGNC:204324]
17	204337_at	1.4	2e-16	3e-13	40 x 1 regulator of G protein signaling 4 [Source:HGNC Symbol;Acc:HGNC:204337]
18	204338_s_at	1.71	2e-16	3e-13	40 x 1 regulator of G protein signaling 4 [Source:HGNC Symbol;Acc:HGNC:204338]
19	204964_s_at	-1.36	2e-16	3e-13	9 x 40 sarcospan [Source:HGNC Symbol;Acc:HGNC:11322]
20	205113_at	1.53	2e-16	3e-13	40 x 1 neurofilament medium [Source:HGNC Symbol;Acc:HGNC:7751]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	18.15	NULL	574	BP synapse
2	16.76	NULL	236	BP chemical synaptic transmission
3	15.31	NULL	7387	BP membrane
4	14.18	NULL	4278	BP plasma membrane
5	12.46	NULL	240	BP postsynaptic membrane
6	10.54	NULL	627	BP ion transport
7	10.1	NULL	505	BP nervous system development
8	9.78	NULL	28	BP synaptic vesicle exocytosis
9	9.78	NULL	51	BP neurotransmitter secretion
10	9.55	NULL	27	BP glutamate secretion
11	9.24	NULL	131	BP presynapse
12	9.22	NULL	33	BP regulation of exocytosis
13	8.93	NULL	119	BP postsynapse
14	8.61	NULL	149	BP regulation of ion transmembrane transport
15	8.14	NULL	65	BP learning
16	8.09	NULL	131	BP potassium ion transport
17	8.07	NULL	27	BP gamma-aminobutyric acid signaling pathway
18	7.88	NULL	79	BP memory
19	7.8	NULL	13	BP synaptic transmission, GABAergic
20	7.74	NULL	122	BP potassium ion transmembrane transport
<i>Underexpressed</i>				
1	-8.77	NULL	1416	BP DNA-binding transcription factor activity, RNA polymerase II-specific
2	-8.72	NULL	1387	BP regulation of transcription, DNA-templated
3	-6.96	NULL	1145	BP regulation of transcription by RNA polymerase II
4	-6.5	NULL	158	BP DNA replication
5	-6.29	NULL	366	BP DNA repair
6	-6.18	NULL	484	BP cellular response to DNA damage stimulus
7	-6.13	NULL	1086	BP positive regulation of transcription by RNA polymerase II
8	-5.96	NULL	400	BP chromatin binding
9	-5.86	NULL	843	BP DNA-binding transcription factor activity
10	-5.5	NULL	630	BP cell cycle
11	-5.21	NULL	541	BP negative regulation of transcription, DNA-templated
12	-5.19	NULL	229	BP mRNA splicing, via spliceosome
13	-5.16	NULL	613	BP positive regulation of transcription, DNA-templated
14	-4.65	NULL	394	BP cell division
15	-4.62	NULL	152	BP rRNA processing
16	-4.57	NULL	95	BP anterior/posterior pattern specification
17	-4.5	NULL	783	BP negative regulation of transcription by RNA polymerase II
18	-4.43	NULL	78	BP cartilage development
19	-4.34	NULL	279	BP RNA splicing
20	-4.28	NULL	12	BP planar cell polarity pathway involved in neural tube closure

