

3960M

Global Summary

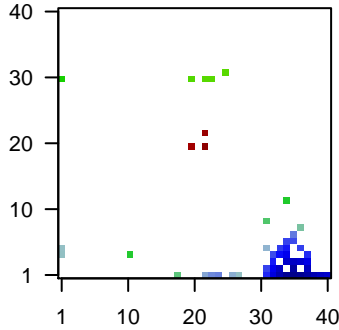
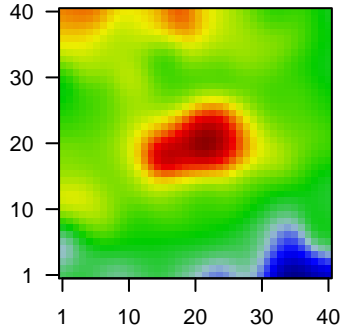
%DE = 0.09
 # genes with fdr < 0.2 = 3233 (1328 + / 1905 -)
 # genes with fdr < 0.1 = 2540 (978 + / 1562 -)
 # genes with fdr < 0.05 = 2040 (736 + / 1304 -)
 # genes with fdr < 0.01 = 1395 (432 + / 963 -)

 # genes in genesets = 16360

<FC> = 0
 <t-score> = -0.24
 <p-value> = 0.17
 <fdr> = 0.91

Portrait

Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr p-value	Description Metagene
1	1552439_s_at	-2	2e-16 5e-14	1 x 5 multiple EGF like domains 11 [Source:HGNC Symbol;Acc:HGNC:1552439]
2	1553797_a_at	-1.61	2e-16 5e-14	33 x 4 sciatic injury induced lincRNA upregulator of SOX11 [Source:HGNC Symbol;Acc:HGNC:1553797]
3	1555958_at	-2.04	2e-16 5e-14	33 x 1 cartilage acidic protein 1 [Source:HGNC Symbol;Acc:HGNC:1555958]
4	1557122_s_at	-2.04	2e-16 5e-14	40 x 1 gamma-aminobutyric acid type A receptor beta2 subunit [Source:HGNC Symbol;Acc:HGNC:1557122]
5	1559072_s_at	-2.4	2e-16 5e-14	32 x 1 extracellular leucine rich repeat and fibronectin type III domain 1 [Source:HGNC Symbol;Acc:HGNC:1559072]
6	1568603_at	-2.23	2e-16 5e-14	24 x 1 calcium dependent secretion activator [Source:HGNC Symbol;Acc:HGNC:1568603]
7	1568604_a_at	-1.92	2e-16 5e-14	24 x 1 calcium dependent secretion activator [Source:HGNC Symbol;Acc:HGNC:1568604]
8	1568612_at	-2.42	2e-16 5e-14	38 x 1 gamma-aminobutyric acid type A receptor gamma2 subunit [Source:HGNC Symbol;Acc:HGNC:1568612]
9	201041_s_at	-1.51	2e-16 5e-14	31 x 9 dual specificity phosphatase 1 [Source:HGNC Symbol;Acc:HGNC:201041]
10	201348_at	-1.51	2e-16 5e-14	25 x 31 glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:201348]
11	201525_at	-1.24	2e-16 5e-14	34 x 12 apolipoprotein D [Source:HGNC Symbol;Acc:HGNC:201525]
12	201761_at	-1.18	2e-16 5e-14	22 x 1 methylenetetrahydrofolate dehydrogenase (NADP+ dependent) [Source:HGNC Symbol;Acc:HGNC:201761]
13	201909_at	-1.79	2e-16 5e-14	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:201909]
14	201951_at	-1.17	2e-16 5e-14	1 x 5 activated leukocyte cell adhesion molecule [Source:HGNC Symbol;Acc:HGNC:201951]
15	202178_at	-2.07	2e-16 5e-14	36 x 3 protein kinase C zeta [Source:HGNC Symbol;Acc:HGNC:202178]
16	202363_at	-1.13	2e-16 5e-14	31 x 5 SPARC (osteonectin), cwcv and kazal like domains proteoglycan core protein 1 [Source:HGNC Symbol;Acc:HGNC:202363]
17	202507_s_at	-2.18	2e-16 5e-14	38 x 1 synaptosome associated protein 25 [Source:HGNC Symbol;Acc:HGNC:202507]
18	202508_s_at	-2.06	2e-16 5e-14	37 x 1 synaptosome associated protein 25 [Source:HGNC Symbol;Acc:HGNC:202508]
19	203000_at	-2.07	2e-16 5e-14	37 x 1 stathmin 2 [Source:HGNC Symbol;Acc:HGNC:203000]
20	203001_s_at	-1.81	2e-16 5e-14	38 x 1 stathmin 2 [Source:HGNC Symbol;Acc:HGNC:203001]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	7.76	NULL	394	BP cell division
2	7.73	NULL	158	BP DNA replication
3	7.16	NULL	630	BP cell cycle
4	6.67	NULL	366	BP DNA repair
5	6.43	NULL	32	BP cilium movement
6	5.92	NULL	180	BP cell projection organization
7	5.82	NULL	484	BP cellular response to DNA damage stimulus
8	5.55	NULL	31	BP mitotic sister chromatid segregation
9	5.4	NULL	164	BP mitotic cell cycle
10	5.36	NULL	173	BP cilium assembly
11	5.25	NULL	39	BP CENP-A containing nucleosome assembly
12	4.98	NULL	79	BP microtubule-based movement
13	4.9	NULL	85	BP chromosome segregation
14	4.76	NULL	14	BP inner dynein arm assembly
15	4.53	NULL	22	BP mitotic spindle assembly checkpoint
16	4.52	NULL	78	BP anaphase-promoting complex-dependent catabolic process
17	4.48	NULL	21	BP motile cilium assembly
18	4.47	NULL	17	BP epithelial cilium movement
19	4.34	NULL	112	BP motor activity
20	4.31	NULL	13	BP kinetochore assembly
<i>Underexpressed</i>				
1	-20.28	NULL	574	BP synapse
2	-15.61	NULL	4278	BP plasma membrane
3	-14.87	NULL	236	BP chemical synaptic transmission
4	-13.93	NULL	7387	BP membrane
5	-13.07	NULL	505	BP nervous system development
6	-13.04	NULL	240	BP postsynaptic membrane
7	-10.65	NULL	119	BP postsynapse
8	-9.91	NULL	65	BP learning
9	-9.74	NULL	36	BP synaptic vesicle endocytosis
10	-9.6	NULL	131	BP presynapse
11	-9.41	NULL	79	BP memory
12	-8.89	NULL	28	BP synaptic vesicle exocytosis
13	-8.69	NULL	31	BP regulation of NMDA receptor activity
14	-8.66	NULL	627	BP ion transport
15	-8.52	NULL	27	BP glutamate secretion
16	-8.41	NULL	133	BP neuron projection development
17	-8.26	NULL	33	BP regulation of exocytosis
18	-8.13	NULL	27	BP gamma-aminobutyric acid signaling pathway
19	-8.05	NULL	48	BP synapse organization
20	-8.01	NULL	1500	BP signal transduction

