41904E

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1806 (691 + / 1115 −)

genes with fdr < 0.1 = 1382 (485 + / 897 −)

genes with fdr < 0.05 = 1037 (317 + / 720 −)

genes with fdr < 0.01 = 691 (173 + / 518 −)

genes in genesets = 16360

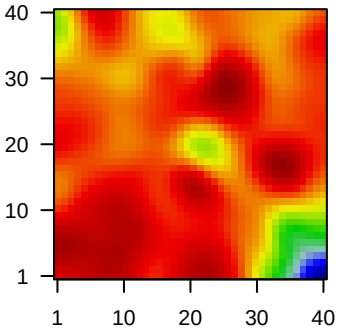
<FC> = 0

<t−score> = 0.1

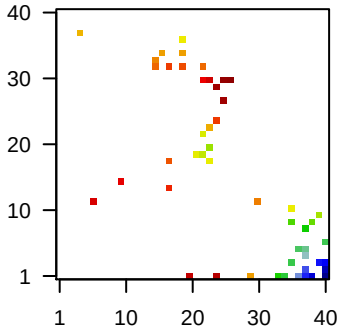
<p−value> = 0.24

<fdr> = 0.94

Portrait



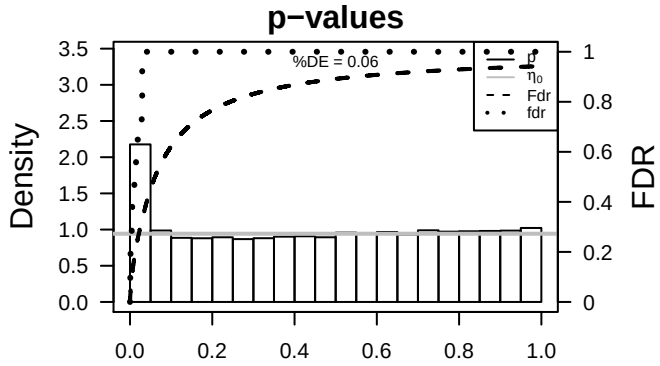
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556033_at	−1.71	2e−16	2e−13	10 x 15	long intergenic non−protein coding RNA 1138 [Source:HGNC
2	1557122_s_at	−1.93	2e−16	2e−13	40 x 1	gamma−aminobutyric acid type A receptor beta2 subunit [Sou
3	1568612_at	−1.77	2e−16	2e−13	38 x 1	gamma−aminobutyric acid type A receptor gamma2 subunit [
4	201340_s_at	−1.35	2e−16	2e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	202192_s_at	−0.95	2e−16	2e−13	37 x 8	growth arrest specific 7 [Source:HGNC Symbol;Acc:HGNC:4
6	202345_s_at	−1.69	2e−16	2e−13	22 x 19	fatty acid binding protein 5 pseudogene 11 [Source:HGNC Sy
7	202376_at	−2.03	2e−16	2e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
8	202507_s_at	−1.52	2e−16	2e−13	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
9	202508_s_at	−1.53	2e−16	2e−13	37 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
10	203001_s_at	−1.33	2e−16	2e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203413_at	−1.04	2e−16	2e−13	40 x 3	neural EGFL like 2 [Source:HGNC Symbol;Acc:HGNC:7751]
12	203797_at	−1.77	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
13	203798_s_at	−2.13	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
14	203998_s_at	−1.89	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
15	203999_at	−1.99	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
16	204041_at	−1.97	2e−16	2e−13	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
17	204081_at	−1.87	2e−16	2e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
18	204103_at	−1.49	2e−16	2e−13	22 x 30	C−C motif chemokine ligand 4 [Source:HGNC Symbol;Acc:H
19	204229_at	−1.57	2e−16	2e−13	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
20	204466_s_at	−1.5	2e−16	2e−13	40 x 1	synuclein alpha [Source:HGNC Symbol;Acc:HGNC:11138]

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	10.05	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
2	8.86	NULL	1145	BP	regulation of transcription by RNA polymerase II
3	8.53	NULL	1387	BP	regulation of transcription, DNA−templated
4	6.33	NULL	783	BP	negative regulation of transcription by RNA polymerase II
5	6.19	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
6	5.96	NULL	843	BP	DNA−binding transcription factor activity
7	5.85	NULL	43	BP	antigen processing and presentation
8	5.83	NULL	541	BP	negative regulation of transcription, DNA−templated
9	5.49	NULL	613	BP	positive regulation of transcription, DNA−templated
10	5.13	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
11	4.54	NULL	254	BP	angiogenesis
12	4.5	NULL	188	BP	in utero embryonic development
13	4.38	NULL	17	BP	vasoconstriction
14	4.34	NULL	46	BP	positive regulation of pathway−restricted SMAD protein phosphoryl
15	4.27	NULL	29	BP	blood vessel morphogenesis
16	4.23	NULL	97	BP	transforming growth factor beta receptor signaling pathway
17	3.97	NULL	35	BP	metanephros development
18	3.96	NULL	114	BP	Notch signaling pathway
19	3.88	NULL	44	BP	response to activity
20	3.79	NULL	20	BP	apoptotic mitochondrial changes
Underexpressed					
1	−13.75	NULL	574	BP	synapse
2	−11.91	NULL	236	BP	chemical synaptic transmission
3	−8.75	NULL	27	BP	gamma−aminobutyric acid signaling pathway
4	−8.51	NULL	28	BP	synaptic vesicle exocytosis
5	−8.09	NULL	13	BP	synaptic transmission, GABAergic
6	−8.06	NULL	240	BP	postsynaptic membrane
7	−7.5	NULL	22	BP	positive regulation of synaptic transmission
8	−7.27	NULL	51	BP	neurotransmitter secretion
9	−7.27	NULL	27	BP	glutamate secretion
10	−7.13	NULL	505	BP	nervous system development
11	−7	NULL	20	BP	response to corticosterone
12	−7	NULL	30	BP	associative learning
13	−6.99	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter
14	−6.81	NULL	16	BP	positive regulation of calcium−mediated signaling
15	−6.78	NULL	43	BP	neurotransmitter transport
16	−6.44	NULL	33	BP	regulation of exocytosis
17	−6.43	NULL	627	BP	ion transport
18	−6.38	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis
19	−6.16	NULL	50	BP	nervous system process
20	−6.14	NULL	25	BP	regulation of dopamine secretion