22884E

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1994 (848 + / 1146 −)

genes with fdr < 0.1 = 1444 (603 + / 841 −)

genes with fdr < 0.05 = 1164 (477 + / 687 −)

genes with fdr < 0.01 = 656 (243 + / 413 −)

genes in genesets = 16360

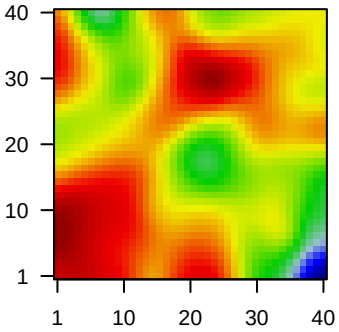
<FC> = 0

<t−score> = 0.12

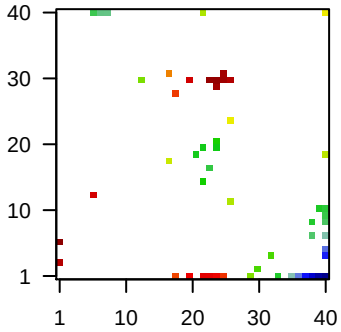
<p−value> = 0.23

<fdr> = 0.94

Portrait



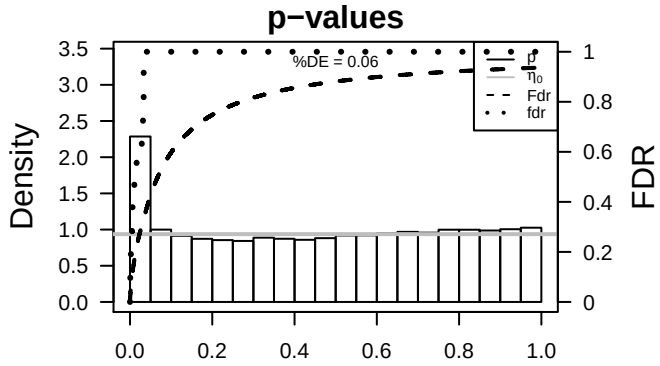
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1568612_at	−1.66	2e−16	4e−13	38 x 1	gamma−aminobutyric acid type A receptor gamma2 subunit [
2	201340_s_at	−1.44	2e−16	4e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
3	201909_at	1.2	2e−16	4e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:I
4	203000_at	−1.33	2e−16	4e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
5	203001_s_at	−1.25	2e−16	4e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
6	203849_s_at	−1.24	2e−16	4e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
7	203889_at	−1.13	2e−16	4e−13	32 x 4	secretogranin V [Source:HGNC Symbol;Acc:HGNC:10816]
8	203998_s_at	−1.38	2e−16	4e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
9	204081_at	−1.02	2e−16	4e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
10	205523_at	−1.85	2e−16	4e−13	29 x 1	hyaluronan and proteoglycan link protein 1 [Source:HGNC Sy
11	205872_x_at	−1.2	2e−16	4e−13	24 x 1	
12	205970_at	−0.88	2e−16	4e−13	24 x 21	
13	207014_at	−1.79	2e−16	4e−13	40 x 1	gamma−aminobutyric acid type A receptor alpha2 subunit [Sc
14	208389_s_at	−1.06	2e−16	4e−13	8 x 40	solute carrier family 1 member 2 [Source:HGNC Symbol;Acc:
15	211597_s_at	−1.01	2e−16	4e−13	40 x 7	HOP homeobox [Source:HGNC Symbol;Acc:HGNC:24961]
16	218002_s_at	−1.8	2e−16	4e−13	40 x 1	C−X−C motif chemokine ligand 14 [Source:HGNC Symbol;Ac
17	218435_at	−1.37	2e−16	4e−13	13 x 30	DnaJ heat shock protein family (Hsp40) member C15 [Source
18	221805_at	−1.25	2e−16	4e−13	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
19	221916_at	−1.04	2e−16	4e−13	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
20	222484_s_at	−1.63	2e−16	4e−13	40 x 1	C−X−C motif chemokine ligand 14 [Source:HGNC Symbol;Ac

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	11.33	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
2	11.16	NULL	1145	BP	regulation of transcription by RNA polymerase II
3	9.65	NULL	1387	BP	regulation of transcription, DNA−templated
4	7	NULL	120	BP	translational initiation
5	6.94	NULL	90	BP	viral transcription
6	6.41	NULL	843	BP	DNA−binding transcription factor activity
7	6.39	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
8	6.24	NULL	10	BP	response to molecule of bacterial origin
9	5.98	NULL	783	BP	negative regulation of transcription by RNA polymerase II
10	5.97	NULL	10	BP	positive regulation of chemokine biosynthetic process
11	5.71	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
12	5.56	NULL	613	BP	positive regulation of transcription, DNA−templated
13	5.5	NULL	364	BP	inflammatory response
14	5.49	NULL	101	BP	mRNA transport
15	5.42	NULL	541	BP	negative regulation of transcription, DNA−templated
16	5.33	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
17	5.27	NULL	366	BP	DNA repair
18	5.24	NULL	358	BP	mRNA processing
19	5.01	NULL	72	BP	positive regulation of inflammatory response
20	4.94	NULL	15	BP	positive regulation of cartilage development
Underexpressed					
1	−11.63	NULL	574	BP	synapse
2	−10.88	NULL	236	BP	chemical synaptic transmission
3	−10.15	NULL	7387	BP	membrane
4	−9.34	NULL	51	BP	neurotransmitter secretion
5	−8.58	NULL	13	BP	synaptic transmission, GABAergic
6	−8.37	NULL	28	BP	synaptic vesicle exocytosis
7	−8.08	NULL	627	BP	ion transport
8	−7.82	NULL	4278	BP	plasma membrane
9	−7.61	NULL	240	BP	postsynaptic membrane
10	−6.99	NULL	43	BP	neurotransmitter transport
11	−6.92	NULL	1435	BP	mitochondrion
12	−6.64	NULL	51	BP	regulation of synaptic vesicle exocytosis
13	−6.62	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis
14	−6.24	NULL	27	BP	gamma−aminobutyric acid signaling pathway
15	−6.18	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter
16	−6.16	NULL	16	BP	regulation of calcium ion−dependent exocytosis
17	−6.14	NULL	33	BP	regulation of exocytosis
18	−6.04	NULL	25	BP	regulation of dopamine secretion
19	−6.02	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
20	−5.8	NULL	149	BP	regulation of ion transmembrane transport