3564L

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1692 (620 + / 1072 −)

genes with fdr < 0.1 = 1235 (420 + / 815 −)

genes with fdr < 0.05 = 961 (318 + / 643 −)

genes with fdr < 0.01 = 559 (175 + / 384 −)

genes in genesets = 16360

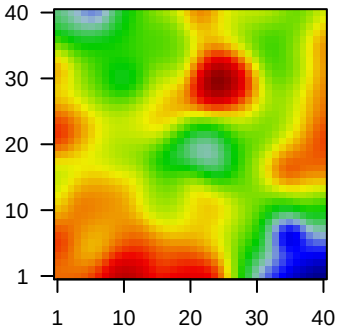
<FC> = 0

<t−score> = 0.14

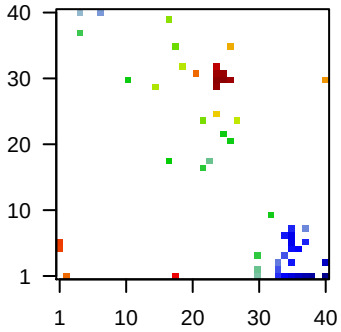
<p−value> = 0.25

<fdr> = 0.94

Portrait



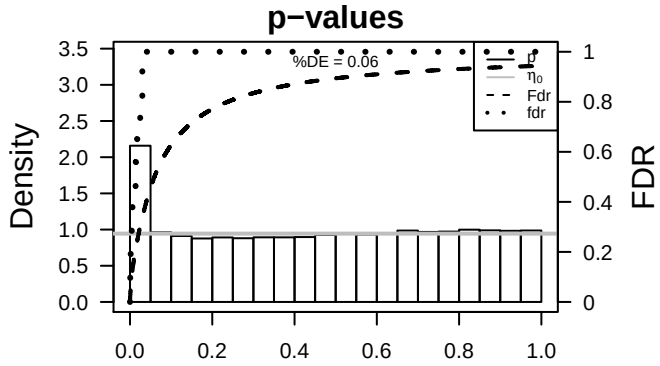
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1552619_a_a	−1.46	2e−16	3e−13	35 x 7	anillin actin binding protein [Source:HGNC Symbol;Acc:HGN
2	1553997_a_a	−1.73	2e−16	3e−13	35 x 1	aspartate beta−hydroxylase domain containing 1 [Source:HG
3	1555807_a_a	−1.75	2e−16	3e−13	35 x 7	myelin oligodendrocyte glycoprotein [Source:HGNC Symbol;A
4	201348_at	1	2e−16	3e−13	25 x 31	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:4
5	204681_s_at	−1.11	2e−16	3e−13	35 x 6	Rap guanine nucleotide exchange factor 5 [Source:HGNC Sy
6	204733_at	−1.75	2e−16	3e−13	35 x 7	kallikrein related peptidase 6 [Source:HGNC Symbol;Acc:HG
7	205204_at	0.87	2e−16	3e−13	24 x 29	neuromedin B [Source:HGNC Symbol;Acc:HGNC:7842]
8	205966_at	1.98	2e−16	3e−13	40 x 30	TATA−box binding protein associated factor 13 [Source:HGN
9	205989_s_at	−1.51	2e−16	3e−13	35 x 7	myelin oligodendrocyte glycoprotein [Source:HGNC Symbol;A
10	206385_s_at	−1.27	2e−16	3e−13	35 x 3	ankyrin 3 [Source:HGNC Symbol;Acc:HGNC:494]
11	206638_at	2.19	2e−16	3e−13	15 x 29	5−hydroxytryptamine receptor 2B [Source:HGNC Symbol;Acc
12	207323_s_at	−1.07	2e−16	3e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
13	207659_s_at	−2.11	2e−16	3e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
14	208951_at	−1.25	2e−16	3e−13	25 x 22	aldehyde dehydrogenase 7 family member A1 [Source:HGNC
15	209072_at	−1.06	2e−16	3e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
16	209875_s_at	−0.87	2e−16	3e−13	19 x 32	secreted phosphoprotein 1 [Source:HGNC Symbol;Acc:HGN
17	214091_s_at	0.98	2e−16	3e−13	24 x 30	glutathione peroxidase 3 [Source:HGNC Symbol;Acc:HGNC:4
18	216834_at	−1.67	2e−16	3e−13	21 x 31	regulator of G protein signaling 1 [Source:HGNC Symbol;Acc
19	218720_x_at	−1.76	2e−16	3e−13	34 x 1	seizure related 6 homolog like 2 [Source:HGNC Symbol;Acc:H
20	222608_s_at	−1.08	2e−16	3e−13	34 x 7	anillin actin binding protein [Source:HGNC Symbol;Acc:HGN

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	9.65	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
2	8.69	NULL	1145	BP	regulation of transcription by RNA polymerase II
3	8.52	NULL	1387	BP	regulation of transcription, DNA−templated
4	6.84	NULL	1086	BP	positive regulation of transcription by RNA polymerase II
5	6.17	NULL	398	BP	positive regulation of gene expression
6	5.49	NULL	843	BP	DNA−binding transcription factor activity
7	5.42	NULL	783	BP	negative regulation of transcription by RNA polymerase II
8	5.14	NULL	541	BP	negative regulation of transcription, DNA−templated
9	5.12	NULL	613	BP	positive regulation of transcription, DNA−templated
10	4.72	NULL	46	BP	neural crest cell migration
11	4.69	NULL	13	BP	positive regulation of chemokine secretion
12	4.59	NULL	17	BP	vasoconstriction
13	4.56	NULL	97	BP	transforming growth factor beta receptor signaling pathway
14	4.54	NULL	26	BP	lymphocyte chemotaxis
15	4.52	NULL	224	BP	negative regulation of gene expression
16	4.52	NULL	57	BP	blood vessel development
17	4.48	NULL	25	BP	ERK1 and ERK2 cascade
18	4.38	NULL	45	BP	negative regulation of autophagy
19	4.31	NULL	400	BP	chromatin binding
20	4.29	NULL	114	BP	Notch signaling pathway
Underexpressed					
1	−6.97	NULL	236	BP	chemical synaptic transmission
2	−6.81	NULL	240	BP	postsynaptic membrane
3	−6.77	NULL	574	BP	synapse
4	−5.74	NULL	28	BP	synaptic vesicle exocytosis
5	−5.51	NULL	13	BP	synaptic transmission, GABAergic
6	−5.48	NULL	19	BP	regulation of neuronal synaptic plasticity
7	−5.41	NULL	51	BP	neurotransmitter secretion
8	−5.3	NULL	43	BP	neurotransmitter transport
9	−4.97	NULL	627	BP	ion transport
10	−4.74	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
11	−4.59	NULL	79	BP	memory
12	−4.58	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis
13	−4.51	NULL	27	BP	gamma−aminobutyric acid signaling pathway
14	−4.5	NULL	48	BP	long−term synaptic potentiation
15	−4.43	NULL	33	BP	regulation of exocytosis
16	−4.37	NULL	50	BP	nervous system process
17	−4.37	NULL	15	BP	regulation of neuron migration
18	−4.29	NULL	14	BP	stabilization of membrane potential
19	−4.26	NULL	13	BP	cerebellar Purkinje cell layer development
20	−4.09	NULL	505	BP	nervous system development