9070L

Global Summary

%DE = 0.12

genes with fdr < 0.2 = 5013 (2842 + / 2171 −)

genes with fdr < 0.1 = 3941 (2310 + / 1631 −)

genes with fdr < 0.05 = 3105 (1888 + / 1217 −)

genes with fdr < 0.01 = 1978 (1276 + / 702 −)

genes in genesets = 16360

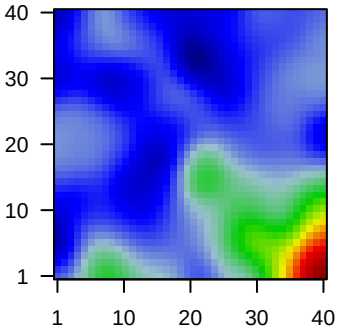
<FC> = 0

<t−score> = −0.29

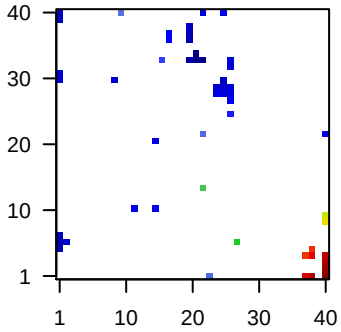
<p−value> = 0.14

<fdr> = 0.88

Portrait



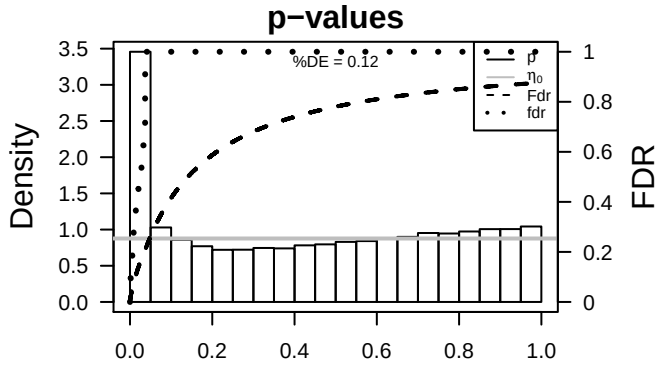
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1554299_at	2.57	2e−16	1e−13	40 x 9	neuronal PAS domain protein 4 [Source:HGNC Symbol;Acc:H
2	1559402_a_a	−1.15	2e−16	1e−13	10 x 40	
3	200974_at	1.27	2e−16	1e−13	22 x 14	actin, alpha 2, smooth muscle, aorta [Source:HGNC Symbol;
4	201340_s_at	1.36	2e−16	1e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	201341_at	1.21	2e−16	1e−13	40 x 3	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
6	201416_at	−2.52	2e−16	1e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
7	201417_at	−1.26	2e−16	1e−13	1 x 6	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
8	201418_s_at	−1.1	2e−16	1e−13	1 x 30	SRY−box 4 [Source:HGNC Symbol;Acc:HGNC:11200]
9	201496_x_at	2.5	2e−16	1e−13	40 x 10	myosin heavy chain 11 [Source:HGNC Symbol;Acc:HGNC:75
10	201645_at	−1.98	2e−16	1e−13	20 x 37	tenascin C [Source:HGNC Symbol;Acc:HGNC:5318]
11	202507_s_at	1.27	2e−16	1e−13	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
12	203498_at	1.14	2e−16	1e−13	37 x 4	regulator of calcineurin 2 [Source:HGNC Symbol;Acc:HGNC:
13	203504_s_at	−1.09	2e−16	1e−13	26 x 32	ATP binding cassette subfamily A member 1 [Source:HGNC S
14	203797_at	1.41	2e−16	1e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
15	203999_at	1.28	2e−16	1e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
16	204081_at	1.34	2e−16	1e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
17	204232_at	−1.49	2e−16	1e−13	21 x 34	Fc fragment of IgE receptor Ig [Source:HGNC Symbol;Acc:H
18	204416_x_at	−1.4	2e−16	1e−13	17 x 36	apolipoprotein C1 [Source:HGNC Symbol;Acc:HGNC:607]
19	204428_s_at	−1.94	2e−16	1e−13	1 x 30	lecithin−cholesterol acyltransferase [Source:HGNC Symbol;A
20	204489_s_at	−1.46	2e−16	1e−13	21 x 34	CD44 molecule (Indian blood group) [Source:HGNC Symbol;

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	19.55	NULL	574	BP	synapse
2	17.9	NULL	236	BP	chemical synaptic transmission
3	16.64	NULL	4278	BP	plasma membrane
4	15.65	NULL	240	BP	postsynaptic membrane
5	12.47	NULL	7387	BP	membrane
6	11.51	NULL	627	BP	ion transport
7	10.48	NULL	149	BP	regulation of ion transmembrane transport
8	10.36	NULL	51	BP	neurotransmitter secretion
9	10.28	NULL	27	BP	glutamate secretion
10	10.24	NULL	119	BP	postsynapse
11	9.95	NULL	28	BP	synaptic vesicle exocytosis
12	9.94	NULL	505	BP	nervous system development
13	9.35	NULL	131	BP	potassium ion transport
14	9.28	NULL	65	BP	learning
15	9.04	NULL	131	BP	presynapse
16	8.98	NULL	51	BP	regulation of synaptic plasticity
17	8.93	NULL	1500	BP	signal transduction
18	8.9	NULL	33	BP	regulation of exocytosis
19	8.64	NULL	51	BP	regulation of synaptic vesicle exocytosis
20	8.63	NULL	31	BP	regulation of NMDA receptor activity
Underexpressed					
1	−9.91	NULL	276	BP	translation
2	−9.5	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
3	−9.09	NULL	90	BP	viral transcription
4	−8.9	NULL	564	BP	immune system process
5	−8.49	NULL	120	BP	translational initiation
6	−8.2	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
7	−7.94	NULL	366	BP	DNA repair
8	−7.84	NULL	152	BP	rRNA processing
9	−7.68	NULL	417	BP	innate immune response
10	−6.93	NULL	229	BP	mRNA splicing, via spliceosome
11	−6.68	NULL	484	BP	cellular response to DNA damage stimulus
12	−6.36	NULL	158	BP	DNA replication
13	−6.02	NULL	630	BP	cell cycle
14	−5.9	NULL	67	BP	antigen processing and presentation of exogenous peptide antigen
15	−5.9	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
16	−5.73	NULL	83	BP	mitochondrial translational elongation
17	−5.62	NULL	85	BP	mitochondrial translational termination
18	−5.54	NULL	394	BP	cell division
19	−5.53	NULL	93	BP	ribosome biogenesis
20	−5.45	NULL	16	BP	high−density lipoprotein particle remodeling