2283T

Global Summary

%DE = 0.1

genes with fdr < 0.2 = 3922 (2183 + / 1739 −)

genes with fdr < 0.1 = 3117 (1718 + / 1399 −)

genes with fdr < 0.05 = 2669 (1479 + / 1190 −)

genes with fdr < 0.01 = 1730 (923 + / 807 −)

genes in genesets = 16360

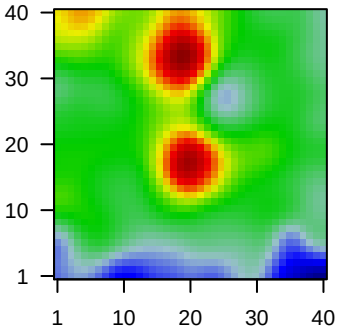
<FC> = 0

<t−score> = −0.17

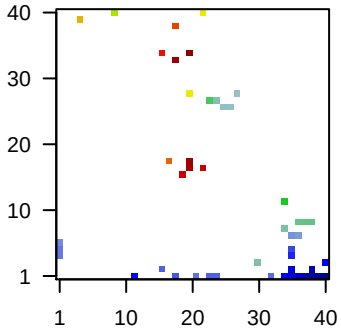
<p−value> = 0.15

<fdr> = 0.9

Portrait



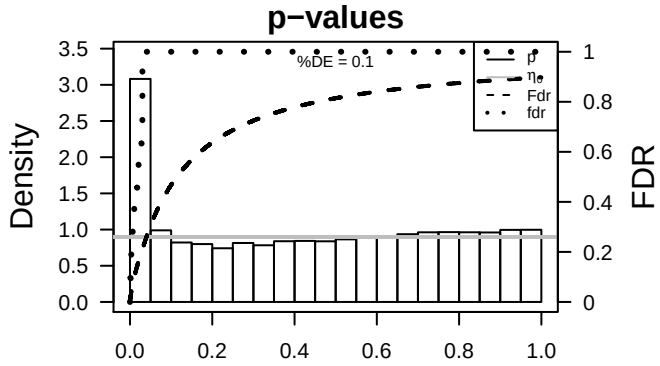
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1555778_a_a	2.15	2e−16	8e−14	20 x 18	periostin [Source:HGNC Symbol;Acc:HGNC:16953]
2	1557122_s_a	−1.69	2e−16	8e−14	40 x 1	gamma−aminobutyric acid type A receptor beta2 subunit [Sou
3	1558170_at	−1.33	2e−16	8e−14	32 x 1	
4	1565809_x_a	−1.84	2e−16	8e−14	35 x 7	
5	1566482_at	2.19	2e−16	8e−14	4 x 39	novel transcript
6	1568612_at	−2.19	2e−16	8e−14	38 x 1	gamma−aminobutyric acid type A receptor gamma2 subunit [
7	200785_s_at	1.24	2e−16	8e−14	22 x 40	LDL receptor related protein 1 [Source:HGNC Symbol;Acc:H
8	201525_at	1.26	2e−16	8e−14	34 x 12	apolipoprotein D [Source:HGNC Symbol;Acc:HGNC:612]
9	201909_at	−1.8	2e−16	8e−14	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
10	203000_at	−2.29	2e−16	8e−14	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203001_s_at	−2.37	2e−16	8e−14	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
12	203139_at	−1.17	2e−16	8e−14	27 x 28	death associated protein kinase 1 [Source:HGNC Symbol;Acc
13	203180_at	2.88	2e−16	8e−14	22 x 17	aldehyde dehydrogenase 1 family member A3 [Source:HGNC
14	203795_s_at	−1.73	2e−16	8e−14	21 x 1	BCL7A, BAF complex component [Source:HGNC Symbol;Acc
15	203999_at	−1.14	2e−16	8e−14	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
16	204073_s_at	−1.94	2e−16	8e−14	35 x 7	myelin regulatory factor [Source:HGNC Symbol;Acc:HGNC:1
17	204081_at	−1.76	2e−16	8e−14	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
18	204229_at	−1.52	2e−16	8e−14	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
19	204301_at	−1.62	2e−16	8e−14	37 x 9	kelch repeat and BTB domain containing 11 [Source:HGNC S
20	204465_s_at	−2.06	2e−16	8e−14	34 x 1	internexin neuronal intermediate filament protein alpha [Sourc

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	14.72	NULL	564	BP	immune system process
2	12.97	NULL	388	BP	immune response
3	12.27	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	12.08	NULL	460	BP	neutrophil degranulation
5	10.69	NULL	417	BP	innate immune response
6	10.28	NULL	364	BP	inflammatory response
7	9.97	NULL	231	BP	extracellular matrix organization
8	9.69	NULL	43	BP	antigen processing and presentation
9	9.68	NULL	155	BP	regulation of immune response
10	9.08	NULL	254	BP	angiogenesis
11	7.83	NULL	152	BP	leukocyte migration
12	7.82	NULL	64	BP	regulation of complement activation
13	7.58	NULL	118	BP	platelet degranulation
14	7.44	NULL	47	BP	complement activation
15	6.93	NULL	29	BP	endodermal cell differentiation
16	6.71	NULL	64	BP	complement activation, classical pathway
17	6.49	NULL	13	BP	immunoglobulin mediated immune response
18	6.46	NULL	103	BP	response to bacterium
19	6.44	NULL	184	BP	defense response to virus
20	6.37	NULL	289	BP	cytokine−mediated signaling pathway
Underexpressed					
1	−11.1	NULL	236	BP	chemical synaptic transmission
2	−11.08	NULL	574	BP	synapse
3	−9.15	NULL	505	BP	nervous system development
4	−7.97	NULL	27	BP	gamma−aminobutyric acid signaling pathway
5	−7.89	NULL	240	BP	postsynaptic membrane
6	−7.29	NULL	13	BP	synaptic transmission, GABAergic
7	−6.93	NULL	28	BP	synaptic vesicle exocytosis
8	−6.78	NULL	12	BP	negative regulation of microtubule polymerization
9	−6.75	NULL	27	BP	glutamate secretion
10	−6.72	NULL	131	BP	presynapse
11	−6.6	NULL	119	BP	postsynapse
12	−6.31	NULL	43	BP	neurotransmitter transport
13	−6.08	NULL	133	BP	neuron projection development
14	−5.97	NULL	33	BP	regulation of exocytosis
15	−5.92	NULL	34	BP	regulation of neuron projection development
16	−5.9	NULL	50	BP	nervous system process
17	−5.75	NULL	51	BP	neurotransmitter secretion
18	−5.75	NULL	108	BP	neuron migration
19	−5.55	NULL	30	BP	sterol biosynthetic process
20	−5.45	NULL	69	BP	hippocampus development