11079H

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2376 (940 + / 1436 −)

genes with fdr < 0.1 = 1875 (713 + / 1162 −)

genes with fdr < 0.05 = 1466 (531 + / 935 −)

genes with fdr < 0.01 = 907 (288 + / 619 −)

genes in genesets = 16360

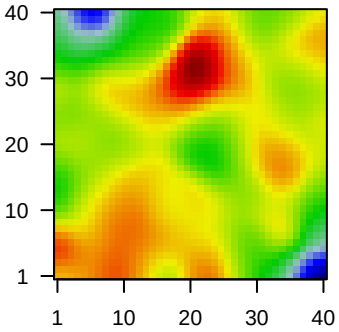
<FC> = 0

<t−score> = 0.06

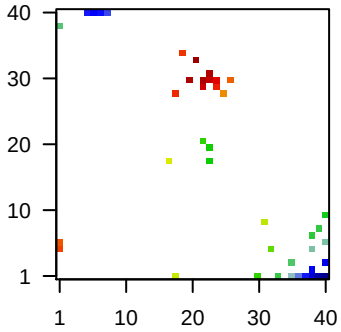
<p−value> = 0.21

<fdr> = 0.93

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556573_s_at	1.94	2e−16	2e−13	30 x 1	novel transcript
2	1557122_s_at	−1.8	2e−16	2e−13	40 x 1	gamma−aminobutyric acid type A receptor beta2 subunit [Sou
3	1558678_s_at	−1.15	2e−16	2e−13	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
4	201340_s_at	−1.38	2e−16	2e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	201909_at	−1.66	2e−16	2e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
6	202376_at	−1.05	2e−16	2e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
7	203000_at	−1.65	2e−16	2e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
8	203001_s_at	−1.54	2e−16	2e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
9	203797_at	−1.8	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
10	203798_s_at	−1.68	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
11	203849_s_at	−1.34	2e−16	2e−13	7 x 40	kinesin family member 1A [Source:HGNC Symbol;Acc:HGNC
12	203998_s_at	−1.93	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
13	203999_at	−1.42	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
14	204081_at	−1.4	2e−16	2e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
15	204103_at	1.68	2e−16	2e−13	22 x 30	C−C motif chemokine ligand 4 [Source:HGNC Symbol;Acc:H
16	204363_at	−1.1	2e−16	2e−13	22 x 21	coagulation factor III, tissue factor [Source:HGNC Symbol;Acc
17	204591_at	−1	2e−16	2e−13	32 x 5	cell adhesion molecule L1 like [Source:HGNC Symbol;Acc:H
18	204684_at	−1.94	2e−16	2e−13	40 x 1	neuronal pentraxin 1 [Source:NCBI gene;Acc:4884]
19	205030_at	−1.07	2e−16	2e−13	23 x 18	fatty acid binding protein 7 [Source:HGNC Symbol;Acc:HGNC
20	205113_at	−1.72	2e−16	2e−13	40 x 1	neurofilament medium [Source:HGNC Symbol;Acc:HGNC:77

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	10.38	NULL	388	BP	immune response
2	9.79	NULL	364	BP	inflammatory response
3	8.83	NULL	33	BP	lipopolysaccharide−mediated signaling pathway
4	8.45	NULL	460	BP	neutrophil degranulation
5	8.09	NULL	289	BP	cytokine−mediated signaling pathway
6	7.93	NULL	564	BP	immune system process
7	7.66	NULL	417	BP	innate immune response
8	7.57	NULL	74	BP	neutrophil chemotaxis
9	7.49	NULL	26	BP	lymphocyte chemotaxis
10	7.43	NULL	148	BP	chemotaxis
11	7.28	NULL	36	BP	monocyte chemotaxis
12	6.94	NULL	38	BP	protein kinase B signaling
13	6.86	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
14	6.84	NULL	783	BP	negative regulation of transcription by RNA polymerase II
15	6.77	NULL	12	BP	negative regulation by host of viral transcription
16	6.6	NULL	1145	BP	regulation of transcription by RNA polymerase II
17	6.59	NULL	65	BP	chemokine−mediated signaling pathway
18	6.48	NULL	70	BP	cellular response to organic cyclic compound
19	6.27	NULL	29	BP	positive regulation of interleukin−1 beta secretion
20	6.26	NULL	151	BP	cellular response to lipopolysaccharide
Underexpressed					
1	−15.09	NULL	236	BP	chemical synaptic transmission
2	−13.21	NULL	574	BP	synapse
3	−9.79	NULL	240	BP	postsynaptic membrane
4	−9.17	NULL	13	BP	synaptic transmission, GABAergic
5	−8.92	NULL	627	BP	ion transport
6	−8.91	NULL	27	BP	glutamate secretion
7	−8.55	NULL	51	BP	neurotransmitter secretion
8	−8.47	NULL	27	BP	gamma−aminobutyric acid signaling pathway
9	−8.37	NULL	28	BP	synaptic vesicle exocytosis
10	−7.25	NULL	43	BP	neurotransmitter transport
11	−7	NULL	122	BP	potassium ion transmembrane transport
12	−6.77	NULL	131	BP	potassium ion transport
13	−6.76	NULL	275	BP	ion transmembrane transport
14	−6.68	NULL	50	BP	nervous system process
15	−6.59	NULL	505	BP	nervous system development
16	−6.47	NULL	33	BP	regulation of exocytosis
17	−6.44	NULL	82	BP	chloride transmembrane transport
18	−6.24	NULL	15	BP	axon development
19	−6.16	NULL	51	BP	regulation of synaptic vesicle exocytosis
20	−5.93	NULL	16	BP	positive regulation of calcium ion−dependent exocytosis

p−values