2526E

Global Summary

%DE = 0.09

genes with fdr < 0.2 = 3496 (2273 + / 1223 −)

genes with fdr < 0.1 = 2728 (1875 + / 853 −)

genes with fdr < 0.05 = 2163 (1560 + / 603 −)

genes with fdr < 0.01 = 1423 (1097 + / 326 −)

genes in genesets = 16360

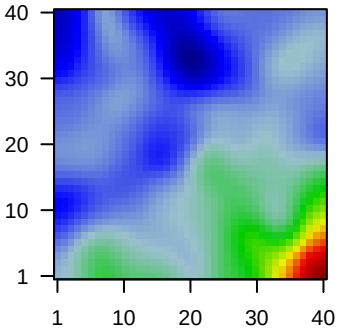
<FC> = 0

<t−score> = −0.04

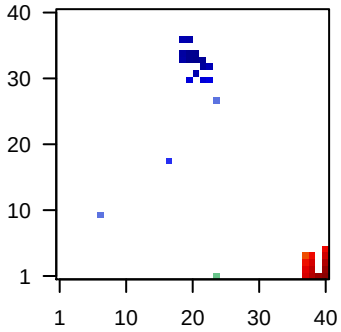
<p−value> = 0.18

<fdr> = 0.91

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1552715_a_at	1.93	2e−16	3e−13	38 x 1	relaxin family peptide receptor 1 [Source:HGNC Symbol;Acc:H
2	1555800_at	1.92	2e−16	3e−13	40 x 1	zinc finger protein 385B [Source:HGNC Symbol;Acc:HGNC:2
3	1569110_x_at	−1.93	2e−16	3e−13	7 x 10	programmed cell death 6 (PDCD6) pseudogene
4	201340_s_at	1.13	2e−16	3e−13	40 x 1	ectodermal−neural cortex 1 [Source:HGNC Symbol;Acc:HGN
5	201743_at	−1.57	2e−16	3e−13	21 x 33	CD14 molecule [Source:HGNC Symbol;Acc:HGNC:1628]
6	202295_s_at	−1.38	2e−16	3e−13	23 x 32	cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
7	202376_at	−1.32	2e−16	3e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
8	202507_s_at	1.11	2e−16	3e−13	38 x 1	synaptosome associated protein 25 [Source:HGNC Symbol;A
9	202953_at	−1.03	2e−16	3e−13	20 x 33	complement C1q B chain [Source:HGNC Symbol;Acc:HGNC:
10	203000_at	1.12	2e−16	3e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203001_s_at	1.07	2e−16	3e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
12	203797_at	1.39	2e−16	3e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
13	203798_s_at	1.72	2e−16	3e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
14	203998_s_at	1.44	2e−16	3e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
15	203999_at	1.18	2e−16	3e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
16	204081_at	1.34	2e−16	3e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
17	204337_at	1.55	2e−16	3e−13	40 x 1	regulator of G protein signaling 4 [Source:HGNC Symbol;Acc
18	204540_at	0.95	2e−16	3e−13	37 x 3	eukaryotic translation elongation factor 1 alpha 2 [Source:HG
19	204787_at	−1.57	2e−16	3e−13	22 x 32	V−set and immunoglobulin domain containing 4 [Source:HGN
20	205113_at	1.5	2e−16	3e−13	40 x 1	neurofilament medium [Source:HGNC Symbol;Acc:HGNC:77

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	23.06	NULL	574	BP	synapse
2	20.64	NULL	236	BP	chemical synaptic transmission
3	17.79	NULL	240	BP	postsynaptic membrane
4	14.74	NULL	7387	BP	membrane
5	14.37	NULL	505	BP	nervous system development
6	13.91	NULL	4278	BP	plasma membrane
7	12.97	NULL	627	BP	ion transport
8	12.31	NULL	51	BP	neurotransmitter secretion
9	11.34	NULL	28	BP	synaptic vesicle exocytosis
10	11.08	NULL	149	BP	regulation of ion transmembrane transport
11	11.05	NULL	131	BP	presynapse
12	10.96	NULL	51	BP	regulation of synaptic vesicle exocytosis
13	10.85	NULL	131	BP	potassium ion transport
14	10.69	NULL	27	BP	glutamate secretion
15	10.38	NULL	119	BP	postsynapse
16	10.04	NULL	122	BP	potassium ion transmembrane transport
17	9.76	NULL	13	BP	synaptic transmission, GABAergic
18	9.45	NULL	33	BP	regulation of exocytosis
19	9.3	NULL	51	BP	regulation of synaptic plasticity
20	9.24	NULL	31	BP	regulation of NMDA receptor activity
Underexpressed					
1	−14.37	NULL	564	BP	immune system process
2	−12.73	NULL	388	BP	immune response
3	−11.54	NULL	364	BP	inflammatory response
4	−11.53	NULL	417	BP	innate immune response
5	−10.53	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
6	−8.7	NULL	43	BP	antigen processing and presentation
7	−7.81	NULL	289	BP	cytokine−mediated signaling pathway
8	−7.61	NULL	460	BP	neutrophil degranulation
9	−7.12	NULL	64	BP	regulation of complement activation
10	−7.12	NULL	119	BP	cellular response to tumor necrosis factor
11	−7.01	NULL	184	BP	defense response to virus
12	−6.74	NULL	103	BP	response to bacterium
13	−6.72	NULL	47	BP	complement activation
14	−6.7	NULL	90	BP	viral transcription
15	−6.56	NULL	32	BP	MyD88−dependent toll−like receptor signaling pathway
16	−6.53	NULL	155	BP	regulation of immune response
17	−6.48	NULL	33	BP	lipopolysaccharide−mediated signaling pathway
18	−6.43	NULL	49	BP	positive regulation of tumor necrosis factor production
19	−6.35	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
20	−6.33	NULL	74	BP	neutrophil chemotaxis

p−values