4154C

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2289 (1264 + / 1025 −)

genes with fdr < 0.1 = 1629 (864 + / 765 −)

genes with fdr < 0.05 = 1330 (696 + / 634 −)

genes with fdr < 0.01 = 863 (443 + / 420 −)

genes in genesets = 16360

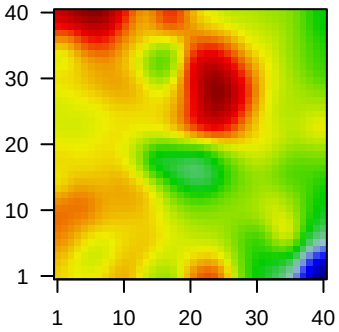
<FC> = 0

<t−score> = 0.14

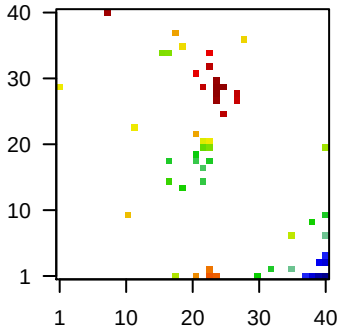
<p−value> = 0.22

<fdr> = 0.93

Portrait



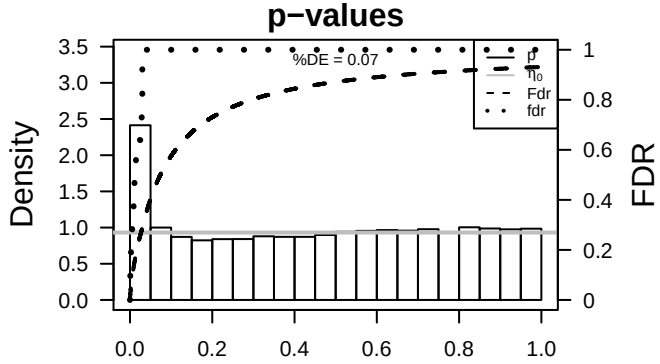
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1558444_at	−1.96	2e−16	4e−13	1 x 29	
2	201909_at	−1.61	2e−16	4e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:H
3	202295_s_at	0.9	2e−16	4e−13	23 x 32	cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
4	204041_at	1.22	2e−16	4e−13	23 x 20	monoamine oxidase B [Source:HGNC Symbol;Acc:HGNC:68
5	204081_at	−1.02	2e−16	4e−13	40 x 1	neurogranin [Source:HGNC Symbol;Acc:HGNC:8000]
6	205000_at	−1.56	2e−16	4e−13	18 x 1	DEAD−box helicase 3 Y−linked [Source:HGNC Symbol;Acc:H
7	205029_s_at	−1.05	2e−16	4e−13	23 x 18	fatty acid binding protein 7 [Source:HGNC Symbol;Acc:HGNC
8	205030_at	−1.16	2e−16	4e−13	23 x 18	fatty acid binding protein 7 [Source:HGNC Symbol;Acc:HGNC
9	205204_at	0.81	2e−16	4e−13	24 x 29	neuromedin B [Source:HGNC Symbol;Acc:HGNC:7842]
10	206159_at	1.8	2e−16	4e−13	23 x 1	growth differentiation factor 10 [Source:HGNC Symbol;Acc:HG
11	206349_at	−1.65	2e−16	4e−13	40 x 1	leucine rich glioma inactivated 1 [Source:HGNC Symbol;Acc:H
12	206373_at	−0.99	2e−16	4e−13	17 x 15	Zic family member 1 [Source:HGNC Symbol;Acc:HGNC:1287
13	206700_s_at	−1.78	2e−16	4e−13	18 x 1	lysine demethylase 5D [Source:HGNC Symbol;Acc:HGNC:11
14	209555_s_at	1.83	2e−16	4e−13	19 x 14	CD36 molecule [Source:HGNC Symbol;Acc:HGNC:1663]
15	209981_at	−1.28	2e−16	4e−13	24 x 1	cold shock domain containing C2 [Source:HGNC Symbol;Acc
16	211597_s_at	−0.99	2e−16	4e−13	40 x 7	HOP homeobox [Source:HGNC Symbol;Acc:HGNC:24961]
17	214218_s_at	2.15	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
18	221728_x_at	1.99	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
19	221805_at	−1.33	2e−16	4e−13	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]
20	221916_at	−0.87	2e−16	4e−13	40 x 1	neurofilament light [Source:HGNC Symbol;Acc:HGNC:7739]

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	6.02	NULL	10	BP	cellular response to lipoteichoic acid
2	5.15	NULL	279	BP	RNA splicing
3	4.88	NULL	229	BP	mRNA splicing, via spliceosome
4	4.68	NULL	15	BP	positive regulation of cartilage development
5	4.53	NULL	358	BP	mRNA processing
6	4.5	NULL	14	BP	toll−like receptor 4 signaling pathway
7	4.45	NULL	34	BP	reactive oxygen species metabolic process
8	4.37	NULL	49	BP	positive regulation of tumor necrosis factor production
9	4.16	NULL	14	BP	positive regulation of cell adhesion mediated by integrin
10	4.15	NULL	103	BP	response to bacterium
11	4.12	NULL	11	BP	positive regulation of phagocytosis, engulfment
12	4.01	NULL	21	BP	inner ear receptor cell stereocilium organization
13	3.92	NULL	173	BP	cilium assembly
14	3.71	NULL	180	BP	cell projection organization
15	3.59	NULL	11	BP	positive regulation of extrinsic apoptotic signaling pathway in abser
16	3.56	NULL	16	BP	heparan sulfate proteoglycan binding
17	3.54	NULL	29	BP	positive regulation of interleukin−1 beta secretion
18	3.32	NULL	73	BP	negative regulation of cell death
19	3.31	NULL	25	BP	response to lipid
20	3.31	NULL	60	BP	positive regulation of NIK/NF−kappaB signaling
Underexpressed					
1	−11.84	NULL	236	BP	chemical synaptic transmission
2	−10.54	NULL	574	BP	synapse
3	−8.87	NULL	4278	BP	plasma membrane
4	−8.72	NULL	7387	BP	membrane
5	−8.56	NULL	28	BP	synaptic vesicle exocytosis
6	−7.64	NULL	51	BP	neurotransmitter secretion
7	−7.47	NULL	33	BP	regulation of exocytosis
8	−7.4	NULL	27	BP	glutamate secretion
9	−7.37	NULL	51	BP	regulation of synaptic vesicle exocytosis
10	−7.01	NULL	13	BP	synaptic transmission, GABAergic
11	−6.87	NULL	240	BP	postsynaptic membrane
12	−6.79	NULL	43	BP	neurotransmitter transport
13	−6.02	NULL	22	BP	positive regulation of synaptic transmission
14	−5.99	NULL	15	BP	calcium ion−regulated exocytosis of neurotransmitter
15	−5.9	NULL	657	BP	calcium ion binding
16	−5.63	NULL	36	BP	synaptic vesicle endocytosis
17	−5.53	NULL	627	BP	ion transport
18	−5.47	NULL	505	BP	nervous system development
19	−5.41	NULL	27	BP	gamma−aminobutyric acid signaling pathway
20	−5.26	NULL	29	BP	calcium ion regulated exocytosis