4214K

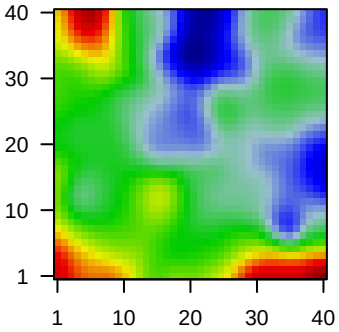
Global Summary

%DE = 0.06
genes with fdr < 0.2 = 1662 (982 + / 680 −)
genes with fdr < 0.1 = 1040 (631 + / 409 −)
genes with fdr < 0.05 = 826 (499 + / 327 −)
genes with fdr < 0.01 = 382 (236 + / 146 −)

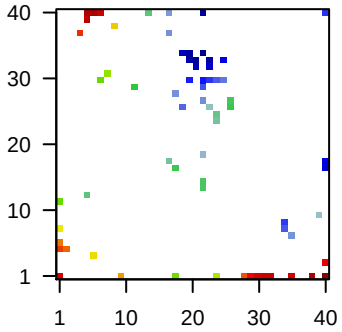
genes in genesets = 16360

<FC> = 0
<t−score> = 0.12
<p−value> = 0.25
<fdr> = 0.94

Portrait



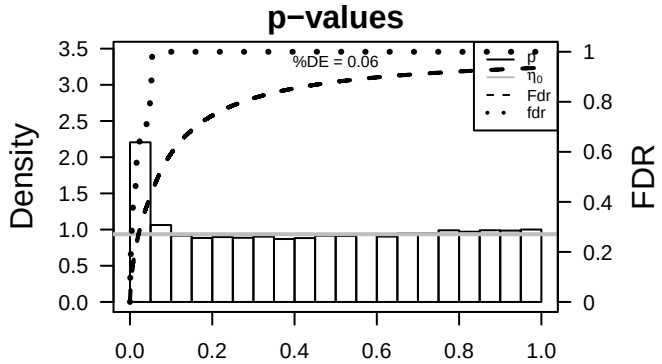
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556573_s_at	1.97	2e−16	7e−13	30 x 1	novel transcript
2	201909_at	1.27	2e−16	7e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:H
3	202295_s_at	−0.96	2e−16	7e−13	23 x 32	cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
4	204018_x_at	−1.07	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
5	209116_x_at	−1.06	2e−16	7e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:4
6	209458_x_at	−1.08	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
7	211699_x_at	−1.11	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
8	211745_x_at	−0.98	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
9	214414_x_at	−0.94	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
10	217085_at	1.89	2e−16	7e−13	29 x 1	novel transcript
11	217232_x_at	−0.85	2e−16	7e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:4
12	217414_x_at	−0.98	2e−16	7e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
13	220748_s_at	−1.04	2e−16	7e−13	40 x 17	zinc finger protein 580 [Source:HGNC Symbol;Acc:HGNC:29
14	223434_at	−1.63	2e−16	7e−13	21 x 32	guanylate binding protein 3 [Source:HGNC Symbol;Acc:HGN
15	227952_at	2.1	2e−16	7e−13	12 x 29	
16	240395_at	−1.69	2e−16	7e−13	9 x 38	diacylglycerol kinase iota [Source:HGNC Symbol;Acc:HGNC:
17	206190_at	0.96	4e−15	1e−10	31 x 1	G protein−coupled receptor 17 [Source:HGNC Symbol;Acc:H
18	222315_at	−1.72	6e−15	3e−10	5 x 13	
19	228919_at	1.12	2e−14	3e−10	7 x 40	
20	227614_at	1.69	2e−14	6e−10	30 x 1	hexokinase domain containing 1 [Source:HGNC Symbol;Acc:

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	9.19	NULL	236	BP	chemical synaptic transmission
2	7.26	NULL	574	BP	synapse
3	7.05	NULL	240	BP	postsynaptic membrane
4	6.56	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
5	6.56	NULL	120	BP	translational initiation
6	6.32	NULL	13	BP	synaptic transmission, GABAergic
7	6.28	NULL	276	BP	translation
8	6.05	NULL	50	BP	nervous system process
9	6.04	NULL	27	BP	gamma−aminobutyric acid signaling pathway
10	5.96	NULL	30	BP	sterol biosynthetic process
11	5.52	NULL	90	BP	viral transcription
12	4.9	NULL	40	BP	cholesterol biosynthetic process
13	4.89	NULL	505	BP	nervous system development
14	4.69	NULL	146	BP	homophilic cell adhesion via plasma membrane adhesion molecule
15	4.65	NULL	22	BP	positive regulation of synaptic transmission
16	4.59	NULL	33	BP	regulation of cholesterol biosynthetic process
17	4.59	NULL	27	BP	glutamate secretion
18	4.42	NULL	82	BP	chloride transmembrane transport
19	4.42	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
20	4.28	NULL	21	BP	positive regulation of heart rate
Underexpressed					
1	−9.03	NULL	564	BP	immune system process
2	−7.09	NULL	417	BP	innate immune response
3	−6.98	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	−6.85	NULL	460	BP	neutrophil degranulation
5	−6.66	NULL	388	BP	immune response
6	−6.16	NULL	43	BP	antigen processing and presentation
7	−5.66	NULL	6202	BP	cytoplasm
8	−5.04	NULL	10	BP	negative regulation of inclusion body assembly
9	−4.98	NULL	222	BP	adaptive immune response
10	−4.84	NULL	184	BP	defense response to virus
11	−4.8	NULL	47	BP	complement activation
12	−4.76	NULL	13	BP	immunoglobulin mediated immune response
13	−4.59	NULL	154	BP	receptor−mediated endocytosis
14	−4.53	NULL	12	BP	T cell mediated cytotoxicity
15	−4.45	NULL	155	BP	regulation of immune response
16	−4.39	NULL	12	BP	positive regulation of leukocyte chemotaxis
17	−4.38	NULL	66	BP	phagocytosis
18	−4.36	NULL	17	BP	positive regulation of superoxide anion generation
19	−4.25	NULL	31	BP	negative regulation of type I interferon production
20	−4.22	NULL	289	BP	cytokine−mediated signaling pathway