3436M

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 1708 (811 + / 897 −)

genes with fdr < 0.1 = 1048 (497 + / 551 −)

genes with fdr < 0.05 = 826 (384 + / 442 −)

genes with fdr < 0.01 = 535 (253 + / 282 −)

genes in genesets = 16360

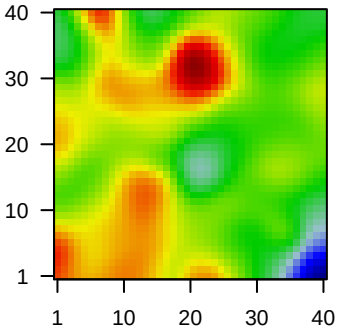
<FC> = 0

<t−score> = 0.12

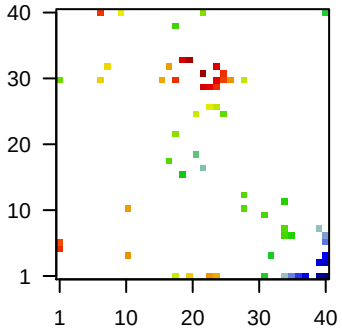
<p−value> = 0.26

<fdr> = 0.95

Portrait



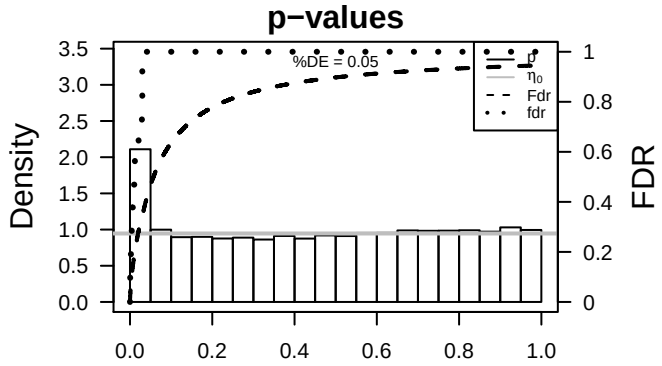
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556641_at	−1.54	2e−16	9e−13	35 x 1	solute carrier family 7 member 14 [Source:HGNC Symbol;Acc
2	201909_at	−1.35	2e−16	9e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
3	203413_at	−1.11	2e−16	9e−13	40 x 3	neural EGFL like 2 [Source:HGNC Symbol;Acc:HGNC:7751]
4	205242_at	2.41	2e−16	9e−13	8 x 32	C−X−C motif chemokine ligand 13 [Source:HGNC Symbol;Ac
5	206190_at	1.15	2e−16	9e−13	31 x 1	G protein−coupled receptor 17 [Source:HGNC Symbol;Acc:H
6	208334_at	1.84	2e−16	9e−13	23 x 1	N−deacetylase and N−sulfotransferase 4 [Source:HGNC Sym
7	214218_s_at	2.11	2e−16	9e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
8	221728_x_at	1.88	2e−16	9e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
9	224588_at	2.38	2e−16	9e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
10	227671_at	2.35	2e−16	9e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
11	236523_at	2.23	2e−16	9e−13	28 x 13	chromosome 4 open reading frame 54 [Source:HGNC Symbo
12	237898_at	2.2	2e−16	9e−13	25 x 30	
13	243952_at	2.07	2e−16	9e−13	24 x 30	TPTE pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:436
14	227449_at	−1.05	9e−16	1e−10	39 x 8	EPH receptor A4 [Source:HGNC Symbol;Acc:HGNC:3388]
15	235885_at	0.87	3e−15	1e−10	23 x 29	purinergic receptor P2Y12 [Source:HGNC Symbol;Acc:HGNC
16	228948_at	−1.25	6e−15	1e−10	40 x 7	EPH receptor A4 [Source:HGNC Symbol;Acc:HGNC:3388]
17	224590_at	1.71	1e−14	1e−10	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
18	217487_x_at	1.71	1e−14	1e−10	35 x 7	folate hydrolase 1B [Source:HGNC Symbol;Acc:HGNC:13636
19	227929_at	−1.13	1e−14	1e−10	32 x 4	lin−7 homolog A, crumbs cell polarity complex component [Sc
20	206898_at	1.71	2e−14	1e−09	34 x 7	cadherin 19 [Source:HGNC Symbol;Acc:HGNC:1758]

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	11.61	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	9.72	NULL	43	BP	antigen processing and presentation
3	9.56	NULL	276	BP	translation
4	8.55	NULL	152	BP	rRNA processing
5	8.45	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
6	8.25	NULL	564	BP	immune system process
7	8.2	NULL	120	BP	translational initiation
8	8.17	NULL	1435	BP	mitochondrion
9	8.01	NULL	90	BP	viral transcription
10	7.83	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
11	7.41	NULL	93	BP	ribosome biogenesis
12	6.67	NULL	388	BP	immune response
13	6.36	NULL	417	BP	innate immune response
14	5.93	NULL	84	BP	tRNA processing
15	5.84	NULL	14	BP	positive regulation of cell adhesion mediated by integrin
16	5.83	NULL	85	BP	mitochondrial translational termination
17	5.78	NULL	83	BP	mitochondrial translational elongation
18	5.7	NULL	460	BP	neutrophil degranulation
19	5.27	NULL	59	BP	positive regulation of T cell proliferation
20	5.26	NULL	29	BP	cytoplasmic translation
Underexpressed					
1	−11.02	NULL	236	BP	chemical synaptic transmission
2	−8.97	NULL	574	BP	synapse
3	−7.23	NULL	240	BP	postsynaptic membrane
4	−6.6	NULL	4278	BP	plasma membrane
5	−6.57	NULL	51	BP	neurotransmitter secretion
6	−6.49	NULL	43	BP	neurotransmitter transport
7	−5.9	NULL	27	BP	glutamate secretion
8	−5.86	NULL	21	BP	cellular response to copper ion
9	−5.86	NULL	131	BP	potassium ion transport
10	−5.75	NULL	16	BP	negative regulation of growth
11	−5.68	NULL	33	BP	regulation of exocytosis
12	−5.64	NULL	627	BP	ion transport
13	−5.6	NULL	12	BP	regulation of postsynaptic neurotransmitter receptor activity
14	−5.59	NULL	51	BP	regulation of synaptic vesicle exocytosis
15	−5.43	NULL	28	BP	synaptic vesicle exocytosis
16	−5.3	NULL	149	BP	regulation of ion transmembrane transport
17	−5.06	NULL	48	BP	long−term synaptic potentiation
18	−4.81	NULL	30	BP	associative learning
19	−4.81	NULL	79	BP	memory
20	−4.8	NULL	65	BP	learning