31056M

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1813 (867 + / 946 −)

genes with fdr < 0.1 = 1276 (609 + / 667 −)

genes with fdr < 0.05 = 1000 (462 + / 538 −)

genes with fdr < 0.01 = 506 (231 + / 275 −)

genes in genesets = 16360

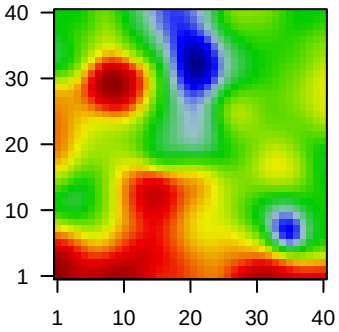
<FC> = 0

<t−score> = 0.11

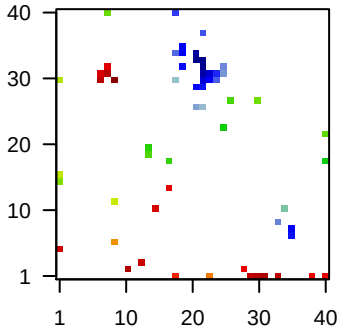
<p−value> = 0.25

<fdr> = 0.94

Portrait



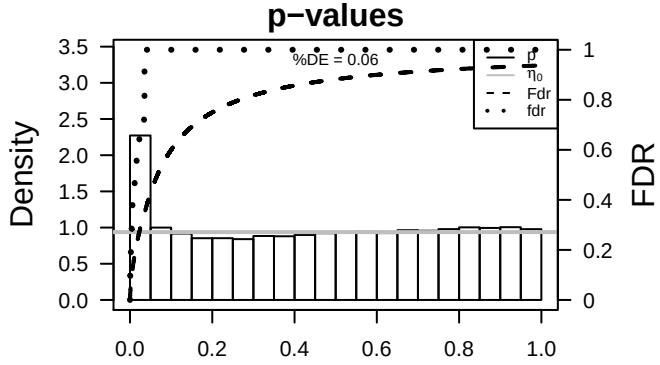
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556573_s_at	2.93	2e−16	5e−13	30 x 1	novel transcript
2	1562433_at	2.17	2e−16	5e−13	17 x 14	
3	201909_at	1.43	2e−16	5e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
4	204320_at	−1.82	2e−16	5e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:H
5	204430_s_at	−1.13	2e−16	5e−13	22 x 31	solute carrier family 2 member 5 [Source:HGNC Symbol;Acc:
6	206190_at	1.09	2e−16	5e−13	31 x 1	G protein−coupled receptor 17 [Source:HGNC Symbol;Acc:H
7	207323_s_at	−1	2e−16	5e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
8	207659_s_at	−1.6	2e−16	5e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
9	209072_at	−1.04	2e−16	5e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
10	209309_at	1.94	2e−16	5e−13	7 x 30	alpha−2−glycoprotein 1, zinc−binding [Source:HGNC Symbol
11	209631_s_at	−1.26	2e−16	5e−13	35 x 8	G protein−coupled receptor 37 [Source:HGNC Symbol;Acc:H
12	212522_at	−0.99	2e−16	5e−13	23 x 30	phosphodiesterase 8A [Source:HGNC Symbol;Acc:HGNC:87
13	218599_at	−1.23	2e−16	5e−13	1 x 30	REC8 meiotic recombination protein [Source:HGNC Symbol;/
14	223699_at	−1.95	2e−16	5e−13	35 x 7	carnosine dipeptidase 1 [Source:HGNC Symbol;Acc:HGNC:2
15	224588_at	−1.94	2e−16	5e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
16	224847_at	−1.72	2e−16	5e−13	9 x 12	cyclin dependent kinase 6 [Source:HGNC Symbol;Acc:HGNC
17	224851_at	−1.14	2e−16	5e−13	14 x 20	cyclin dependent kinase 6 [Source:HGNC Symbol;Acc:HGNC
18	228984_at	−1.64	2e−16	5e−13	35 x 7	carnosine synthase 1 [Source:HGNC Symbol;Acc:HGNC:292
19	231911_at	−1.09	2e−16	5e−13	35 x 7	ermin [Source:HGNC Symbol;Acc:HGNC:29208]
20	235794_at	−1.64	2e−16	5e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	17.43	NULL	276	BP	translation
2	14.25	NULL	1435	BP	mitochondrion
3	14.21	NULL	120	BP	translational initiation
4	13.87	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
5	12.46	NULL	90	BP	viral transcription
6	11.93	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
7	9.83	NULL	83	BP	mitochondrial translational elongation
8	9.83	NULL	85	BP	mitochondrial translational termination
9	8.92	NULL	152	BP	rRNA processing
10	8.72	NULL	29	BP	cytoplasmic translation
11	7.29	NULL	93	BP	ribosome biogenesis
12	7.08	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
13	6.75	NULL	59	BP	mitochondrial respiratory chain complex I assembly
14	5.85	NULL	20	BP	mitochondrial ATP synthesis coupled proton transport
15	5.81	NULL	229	BP	mRNA splicing, via spliceosome
16	5.66	NULL	36	BP	mitochondrial translation
17	5.49	NULL	279	BP	RNA splicing
18	5.29	NULL	671	BP	oxidation−reduction process
19	5.19	NULL	30	BP	ribosomal large subunit biogenesis
20	5.16	NULL	21	BP	ribosomal large subunit assembly
Underexpressed					
1	−8.93	NULL	564	BP	immune system process
2	−7.7	NULL	4278	BP	plasma membrane
3	−7.56	NULL	417	BP	innate immune response
4	−7.54	NULL	155	BP	regulation of immune response
5	−7.37	NULL	289	BP	cytokine−mediated signaling pathway
6	−7.02	NULL	364	BP	inflammatory response
7	−6.25	NULL	1500	BP	signal transduction
8	−6.05	NULL	388	BP	immune response
9	−5.79	NULL	222	BP	adaptive immune response
10	−5.37	NULL	777	BP	G protein−coupled receptor signaling pathway
11	−5.33	NULL	184	BP	defense response to virus
12	−5.25	NULL	148	BP	positive regulation of NF−kappaB transcription factor activity
13	−5.22	NULL	231	BP	extracellular matrix organization
14	−5.12	NULL	15	BP	positive regulation of interleukin−8 secretion
15	−4.97	NULL	10	BP	regulation of cytokine secretion
16	−4.89	NULL	594	BP	cell adhesion
17	−4.87	NULL	13	BP	central nervous system myelination
18	−4.85	NULL	89	BP	Fc−gamma receptor signaling pathway involved in phagocytosis
19	−4.83	NULL	13	BP	immunoglobulin mediated immune response
20	−4.68	NULL	12	BP	neutrophil activation