22232N

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 1900 (1206 + / 694 −)

genes with fdr < 0.1 = 1393 (936 + / 457 −)

genes with fdr < 0.05 = 1138 (788 + / 350 −)

genes with fdr < 0.01 = 623 (466 + / 157 −)

genes in genesets = 16360

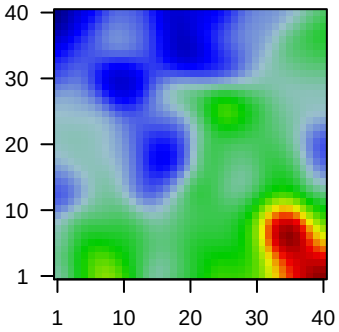
<FC> = 0

<t−score> = 0.1

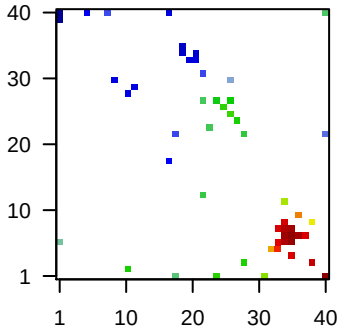
<p−value> = 0.24

<fdr> = 0.93

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	206515_at	1.84	2e−16	8e−13	23 x 23	cytochrome P450 family 4 subfamily F member 3 [Source:HG
2	207323_s_at	1.1	2e−16	8e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
3	207659_s_at	1.52	2e−16	8e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
4	209072_at	0.94	2e−16	8e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
5	209392_at	1.02	2e−16	8e−13	35 x 7	ectonucleotide pyrophosphatase/phosphodiesterase 2 [Sourc
6	210193_at	1.38	2e−16	8e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
7	214063_s_at	0.86	2e−16	8e−13	35 x 7	transferrin [Source:HGNC Symbol;Acc:HGNC:11740]
8	214146_s_at	2.08	2e−16	8e−13	40 x 40	pro−platelet basic protein [Source:HGNC Symbol;Acc:HGNC
9	214317_x_at	−0.93	2e−16	8e−13	9 x 30	ribosomal protein S9 [Source:HGNC Symbol;Acc:HGNC:104
10	223502_s_at	−1.6	2e−16	8e−13	19 x 35	TNF superfamily member 13b [Source:HGNC Symbol;Acc:HG
11	227952_at	1.96	2e−16	8e−13	12 x 29	
12	231911_at	1.22	2e−16	8e−13	35 x 7	ermin [Source:HGNC Symbol;Acc:HGNC:29208]
13	235794_at	1.54	2e−16	8e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
14	235965_at	2.13	2e−16	8e−13	38 x 9	
15	241717_at	1.42	2e−16	8e−13	35 x 7	myelin−associated oligodendrocyte basic protein [Source:HG
16	205856_at	0.97	4e−16	3e−11	24 x 27	solute carrier family 14 member 1 (Kidd blood group) [Source
17	224588_at	−1.72	1e−15	1e−10	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
18	223122_s_at	1.03	6e−15	1e−10	24 x 1	secreted frizzled related protein 2 [Source:HGNC Symbol;Acc
19	218469_at	1.7	8e−15	1e−10	35 x 7	gremlin 1, DAN family BMP antagonist [Source:HGNC Symbo
20	243146_at	1.7	8e−15	1e−10	27 x 24	adrenoceptor alpha 1A [Source:HGNC Symbol;Acc:HGNC:27

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	16.43	NULL	4278	BP	plasma membrane
2	12.96	NULL	7387	BP	membrane
3	11.93	NULL	574	BP	synapse
4	11.92	NULL	236	BP	chemical synaptic transmission
5	8.58	NULL	240	BP	postsynaptic membrane
6	8.58	NULL	505	BP	nervous system development
7	8.38	NULL	627	BP	ion transport
8	7.91	NULL	30	BP	sterol biosynthetic process
9	7.48	NULL	33	BP	regulation of exocytosis
10	7.42	NULL	657	BP	calcium ion binding
11	7.36	NULL	27	BP	glutamate secretion
12	7.13	NULL	521	BP	lipid metabolic process
13	7.03	NULL	61	BP	adenylate cyclase−inhibiting G protein−coupled receptor signaling
14	7.02	NULL	777	BP	G protein−coupled receptor signaling pathway
15	6.9	NULL	52	BP	myelination
16	6.76	NULL	82	BP	chloride transmembrane transport
17	6.75	NULL	65	BP	learning
18	6.56	NULL	615	BP	transmembrane transport
19	6.39	NULL	27	BP	gamma−aminobutyric acid signaling pathway
20	6.24	NULL	1500	BP	signal transduction
Underexpressed					
1	−12.27	NULL	276	BP	translation
2	−11.02	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
3	−10.7	NULL	83	BP	mitochondrial translational elongation
4	−10.54	NULL	85	BP	mitochondrial translational termination
5	−10.2	NULL	90	BP	viral transcription
6	−10.08	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
7	−8.88	NULL	120	BP	translational initiation
8	−7.99	NULL	152	BP	rRNA processing
9	−6.51	NULL	59	BP	mitochondrial respiratory chain complex I assembly
10	−6.35	NULL	229	BP	mRNA splicing, via spliceosome
11	−6.33	NULL	78	BP	regulation of mitotic cell cycle phase transition
12	−6.05	NULL	78	BP	anaphase−promoting complex−dependent catabolic process
13	−6.01	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
14	−5.95	NULL	36	BP	mitochondrial translation
15	−5.91	NULL	111	BP	tumor necrosis factor−mediated signaling pathway
16	−5.83	NULL	67	BP	antigen processing and presentation of exogenous peptide antigen
17	−5.68	NULL	1435	BP	mitochondrion
18	−5.52	NULL	52	BP	negative regulation of G2/M transition of mitotic cell cycle
19	−5.45	NULL	63	BP	regulation of hematopoietic stem cell differentiation
20	−5.4	NULL	59	BP	NIK/NF−kappaB signaling

p−values