11288H

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1646 (966 + / 680 −)

genes with fdr < 0.1 = 1143 (698 + / 445 −)

genes with fdr < 0.05 = 841 (523 + / 318 −)

genes with fdr < 0.01 = 455 (294 + / 161 −)

genes in genesets = 16360

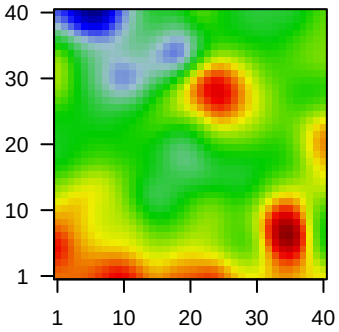
<FC> = 0

<t−score> = 0.17

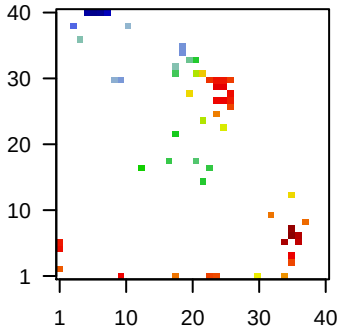
<p−value> = 0.25

<fdr> = 0.94

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1559992_a_a	1.95	2e−16	8e−13	1 x 6	long intergenic non−protein coding RNA 645 [Source:HGNC
2	201743_at	−1.01	2e−16	8e−13	21 x 33	CD14 molecule [Source:HGNC Symbol;Acc:HGNC:1628]
3	202376_at	−1.16	2e−16	8e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
4	203348_s_at	−0.92	2e−16	8e−13	23 x 17	ETS variant 5 [Source:HGNC Symbol;Acc:HGNC:3494]
5	203815_at	−1.78	2e−16	8e−13	22 x 15	glutathione S−transferase theta 1 [Source:HGNC Symbol;Acc
6	205856_at	0.86	2e−16	8e−13	24 x 27	solute carrier family 14 member 1 (Kidd blood group) [Source
7	207323_s_at	0.82	2e−16	8e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
8	209072_at	0.79	2e−16	8e−13	35 x 7	myelin basic protein [Source:HGNC Symbol;Acc:HGNC:6925
9	223122_s_at	1.1	2e−16	8e−13	24 x 1	secreted frizzled related protein 2 [Source:HGNC Symbol;Acc
10	223940_x_at	−0.96	2e−16	8e−13	6 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
11	224568_x_at	−0.87	2e−16	8e−13	6 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
12	224588_at	−1.61	2e−16	8e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
13	232315_at	−1.76	2e−16	8e−13	18 x 22	zinc finger protein 880 [Source:HGNC Symbol;Acc:HGNC:37
14	239624_at	−1.56	2e−16	8e−13	24 x 1	
15	243952_at	1.91	2e−16	8e−13	24 x 30	TPTE pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:436
16	203549_s_at	0.73	9e−16	3e−11	26 x 28	lipoprotein lipase [Source:HGNC Symbol;Acc:HGNC:6677]
17	228919_at	−1.02	1e−15	8e−11	7 x 40	
18	201909_at	1.05	3e−15	2e−10	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
19	1558678_s_at	−0.65	7e−15	2e−10	7 x 40	metastasis associated lung adenocarcinoma transcript 1 [Sou
20	208814_at	−1.16	1e−14	2e−10	8 x 40	heat shock protein family A (Hsp70) member 4 [Source:HGN

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	11.86	NULL	4278	BP	plasma membrane
2	10.72	NULL	7387	BP	membrane
3	7.93	NULL	574	BP	synapse
4	7.73	NULL	505	BP	nervous system development
5	7.04	NULL	13	BP	central nervous system myelination
6	6.98	NULL	594	BP	cell adhesion
7	6.62	NULL	6202	BP	cytoplasm
8	6.2	NULL	521	BP	lipid metabolic process
9	5.92	NULL	1500	BP	signal transduction
10	5.66	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
11	5.46	NULL	133	BP	central nervous system development
12	5.39	NULL	13	BP	synapse maturation
13	5.11	NULL	887	BP	cell differentiation
14	5.06	NULL	455	BP	intracellular signal transduction
15	4.84	NULL	52	BP	myelination
16	4.77	NULL	133	BP	neuron projection development
17	4.77	NULL	240	BP	postsynaptic membrane
18	4.74	NULL	222	BP	Wnt signaling pathway
19	4.68	NULL	34	BP	regulation of neuron projection development
20	4.66	NULL	15	BP	digestive tract morphogenesis
Underexpressed					
1	−8.55	NULL	83	BP	mitochondrial translational elongation
2	−8.44	NULL	85	BP	mitochondrial translational termination
3	−7.98	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	−7.82	NULL	43	BP	mitochondrial electron transport, NADH to ubiquinone
5	−7.75	NULL	59	BP	mitochondrial respiratory chain complex I assembly
6	−6.36	NULL	1435	BP	mitochondrion
7	−6.15	NULL	276	BP	translation
8	−5.61	NULL	18	BP	eosinophil chemotaxis
9	−5.49	NULL	564	BP	immune system process
10	−5.14	NULL	36	BP	mitochondrial translation
11	−4.87	NULL	20	BP	mitochondrial ATP synthesis coupled proton transport
12	−4.87	NULL	30	BP	cristae formation
13	−4.81	NULL	43	BP	antigen processing and presentation
14	−4.53	NULL	12	BP	response to magnesium ion
15	−4.38	NULL	184	BP	defense response to virus
16	−4.32	NULL	152	BP	rRNA processing
17	−4.25	NULL	19	BP	glutathione derivative biosynthetic process
18	−4.18	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
19	−4.14	NULL	417	BP	innate immune response
20	−4.07	NULL	36	BP	monocyte chemotaxis

p−values