41899C

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 1642 (873 + / 769 −)

genes with fdr < 0.1 = 1185 (624 + / 561 −)

genes with fdr < 0.05 = 930 (491 + / 439 −)

genes with fdr < 0.01 = 567 (296 + / 271 −)

genes in genesets = 16360

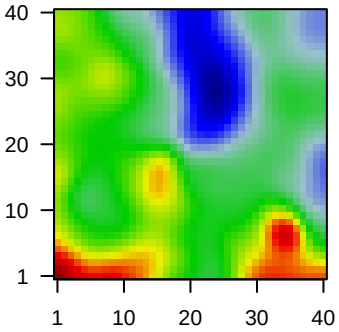
<FC> = 0

<t−score> = 0.06

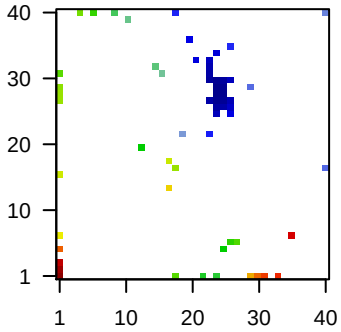
<p−value> = 0.25

<fdr> = 0.94

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201909_at	−1.77	2e−16	4e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:I
2	204439_at	−1.17	2e−16	4e−13	23 x 31	interferon induced protein 44 like [Source:HGNC Symbol;Acc
3	204563_at	−1.67	2e−16	4e−13	26 x 27	selectin L [Source:HGNC Symbol;Acc:HGNC:10720]
4	204938_s_at	2.58	2e−16	4e−13	27 x 6	phospholamban [Source:HGNC Symbol;Acc:HGNC:9080]
5	204939_s_at	2.31	2e−16	4e−13	16 x 31	phospholamban [Source:HGNC Symbol;Acc:HGNC:9080]
6	204940_at	2.3	2e−16	4e−13	26 x 6	phospholamban [Source:HGNC Symbol;Acc:HGNC:9080]
7	205000_at	−1.98	2e−16	4e−13	18 x 1	DEAD−box helicase 3 Y−linked [Source:HGNC Symbol;Acc:H
8	205150_s_at	−1.1	2e−16	4e−13	24 x 26	TLR4 interactor with leucine rich repeats [Source:HGNC Sym
9	205151_s_at	−1.22	2e−16	4e−13	24 x 26	TLR4 interactor with leucine rich repeats [Source:HGNC Sym
10	205363_at	−1.26	2e−16	4e−13	25 x 26	gamma−butyrobetaine hydroxylase 1 [Source:HGNC Symbol;
11	205856_at	−1.3	2e−16	4e−13	24 x 27	solute carrier family 14 member 1 (Kidd blood group) [Source
12	206622_at	2.54	2e−16	4e−13	15 x 32	thyrotropin releasing hormone [Source:HGNC Symbol;Acc:H(
13	213413_at	−1.17	2e−16	4e−13	25 x 29	stonin 1 [Source:HGNC Symbol;Acc:HGNC:17003]
14	214218_s_at	2.29	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
15	216672_s_at	2.04	2e−16	4e−13	30 x 1	myelin transcription factor 1 like [Source:HGNC Symbol;Acc:H
16	221728_x_at	2.09	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
17	223121_s_at	−1.6	2e−16	4e−13	24 x 1	secreted frizzled related protein 2 [Source:HGNC Symbol;Acc
18	223122_s_at	−2.06	2e−16	4e−13	24 x 1	secreted frizzled related protein 2 [Source:HGNC Symbol;Acc
19	224588_at	2.52	2e−16	4e−13	17 x 18	X inactive specific transcript [Source:HGNC Symbol;Acc:HGN
20	226769_at	−1.12	2e−16	4e−13	23 x 27	fin bud initiation factor homolog [Source:HGNC Symbol;Acc:H

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	7.39	NULL	1435	BP	mitochondrion
2	5.92	NULL	236	BP	chemical synaptic transmission
3	5.05	NULL	52	BP	myelination
4	5.05	NULL	276	BP	translation
5	4.8	NULL	394	BP	cell division
6	4.63	NULL	152	BP	rRNA processing
7	4.39	NULL	630	BP	cell cycle
8	4.35	NULL	264	BP	vesicle−mediated transport
9	4.13	NULL	31	BP	adult walking behavior
10	4.03	NULL	358	BP	mRNA processing
11	3.99	NULL	366	BP	DNA repair
12	3.94	NULL	93	BP	ribosome biogenesis
13	3.89	NULL	505	BP	nervous system development
14	3.88	NULL	13	BP	synaptic transmission, GABAergic
15	3.78	NULL	20	BP	response to corticosterone
16	3.76	NULL	279	BP	RNA splicing
17	3.74	NULL	484	BP	cellular response to DNA damage stimulus
18	3.7	NULL	94	BP	RNA processing
19	3.69	NULL	48	BP	synapse organization
20	3.62	NULL	149	BP	protein folding
Underexpressed					
1	−9.07	NULL	231	BP	extracellular matrix organization
2	−8.05	NULL	564	BP	immune system process
3	−7.38	NULL	388	BP	immune response
4	−7.08	NULL	155	BP	regulation of immune response
5	−6.92	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
6	−6.14	NULL	46	BP	neural tube development
7	−5.66	NULL	24	BP	non−canonical Wnt signaling pathway
8	−5.54	NULL	364	BP	inflammatory response
9	−5.1	NULL	594	BP	cell adhesion
10	−5	NULL	103	BP	response to bacterium
11	−4.95	NULL	44	BP	collagen fibril organization
12	−4.85	NULL	152	BP	leukocyte migration
13	−4.82	NULL	151	BP	cellular response to lipopolysaccharide
14	−4.67	NULL	261	BP	cell surface receptor signaling pathway
15	−4.66	NULL	417	BP	innate immune response
16	−4.63	NULL	4278	BP	plasma membrane
17	−4.57	NULL	184	BP	defense response to virus
18	−4.56	NULL	148	BP	chemotaxis
19	−4.52	NULL	13	BP	hematopoietic stem cell proliferation
20	−4.49	NULL	1500	BP	signal transduction

p−values