group 2

Global Summary

%DE = 0.23

genes with fdr < 0.2 = 8 (5 + / 3 −)

genes with fdr < 0.1 = 0 (0 + / 0 −)

genes with fdr < 0.05 = 0 (0 + / 0 −)

genes with fdr < 0.01 = 0 (0 + / 0 −)

genes in genesets = 16360

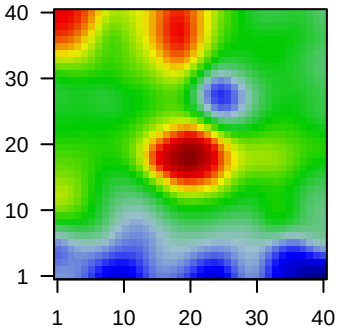
<FC> = 0

<t−score> = −0.01

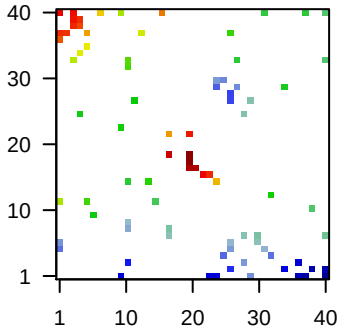
<p−value> = 0.28

<fdr> = 0.77

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	238534_at	0.44	7e−06	0.1	2 x 37	
2	220124_at	−0.24	2e−05	0.1	11 x 8	gigaxonin [Source:HGNC Symbol;Acc:HGNC:4137]
3	213905_x_at	0.77	2e−05	0.1	20 x 17	biglycan [Source:HGNC Symbol;Acc:HGNC:1044]
4	1558685_a_at	0.15	2e−05	0.1	11 x 32	novel transcript
5	233469_at	−0.49	2e−05	0.1	25 x 30	TPTE pseudogene 1 [Source:HGNC Symbol;Acc:HGNC:436
6	242068_at	0.31	2e−05	0.1	3 x 39	
7	206159_at	−0.69	3e−05	0.1	23 x 1	growth differentiation factor 10 [Source:HGNC Symbol;Acc:H
8	201261_x_at	0.61	3e−05	0.1	20 x 17	biglycan [Source:HGNC Symbol;Acc:HGNC:1044]
9	210370_s_at	−0.16	3e−05	0.2	37 x 40	lymphocyte antigen 9 [Source:HGNC Symbol;Acc:HGNC:673
10	243005_at	0.17	5e−05	0.2	5 x 35	
11	243337_at	−1.29	6e−05	0.2	24 x 30	FRAS1 related extracellular matrix 3 [Source:HGNC Symbol;
12	231805_at	−0.76	6e−05	0.2	24 x 1	prolactin releasing hormone receptor [Source:HGNC Symbol;
13	233297_s_at	−0.24	6e−05	0.2	14 x 15	CCDC169−SOHLH2 readthrough [Source:HGNC Symbol;Acc
14	213113_s_at	0.81	8e−05	0.2	20 x 19	solute carrier family 43 member 3 [Source:HGNC Symbol;Acc
15	1559214_at	0.28	9e−05	0.2	1 x 12	F−box protein 22 [Source:HGNC Symbol;Acc:HGNC:13593]
16	212110_at	−0.29	9e−05	0.2	11 x 9	solute carrier family 39 member 14 [Source:HGNC Symbol;A
17	243808_at	0.73	9e−05	0.2	2 x 37	
18	210843_s_at	−0.4	9e−05	0.2	10 x 1	microfibril associated protein 3 like [Source:HGNC Symbol;Ac
19	204338_s_at	−1.04	1e−04	0.2	40 x 1	regulator of G protein signaling 4 [Source:HGNC Symbol;Acc
20	225930_at	−0.19	1e−04	0.2	26 x 5	NFKB inhibitor interacting Ras like 1 [Source:HGNC Symbol;

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	6.9	NULL	231	BP	extracellular matrix organization
2	6.33	NULL	460	BP	neutrophil degranulation
3	4.88	NULL	564	BP	immune system process
4	4.59	NULL	44	BP	collagen fibril organization
5	4.29	NULL	158	BP	DNA replication
6	4.12	NULL	394	BP	cell division
7	4.05	NULL	21	BP	fibrinolysis
8	3.99	NULL	155	BP	regulation of immune response
9	3.97	NULL	118	BP	platelet degranulation
10	3.78	NULL	112	BP	motor activity
11	3.76	NULL	93	BP	integrin−mediated signaling pathway
12	3.63	NULL	40	BP	substrate adhesion−dependent cell spreading
13	3.52	NULL	79	BP	microtubule−based movement
14	3.51	NULL	15	BP	proteoglycan binding
15	3.45	NULL	80	BP	regulation of G2/M transition of mitotic cell cycle
16	3.45	NULL	388	BP	immune response
17	3.44	NULL	417	BP	innate immune response
18	3.43	NULL	23	BP	response to interferon−gamma
19	3.39	NULL	10	BP	response to interferon−alpha
20	3.31	NULL	94	BP	cell−matrix adhesion
Underexpressed					
1	−9.67	NULL	574	BP	synapse
2	−9.07	NULL	236	BP	chemical synaptic transmission
3	−7.44	NULL	240	BP	postsynaptic membrane
4	−5.55	NULL	119	BP	postsynapse
5	−5.43	NULL	545	BP	protein ubiquitination
6	−5.42	NULL	89	BP	neuropeptide signaling pathway
7	−5.41	NULL	777	BP	G protein−coupled receptor signaling pathway
8	−5.34	NULL	131	BP	potassium ion transport
9	−5.31	NULL	131	BP	presynapse
10	−4.94	NULL	61	BP	positive regulation of synapse assembly
11	−4.9	NULL	7387	BP	membrane
12	−4.88	NULL	31	BP	regulation of NMDA receptor activity
13	−4.8	NULL	30	BP	sterol biosynthetic process
14	−4.67	NULL	149	BP	regulation of ion transmembrane transport
15	−4.66	NULL	505	BP	nervous system development
16	−4.63	NULL	1435	BP	mitochondrion
17	−4.62	NULL	50	BP	nervous system process
18	−4.58	NULL	267	BP	ubiquitin−protein transferase activity
19	−4.51	NULL	122	BP	potassium ion transmembrane transport
20	−4.44	NULL	627	BP	ion transport

p−values