

6428M

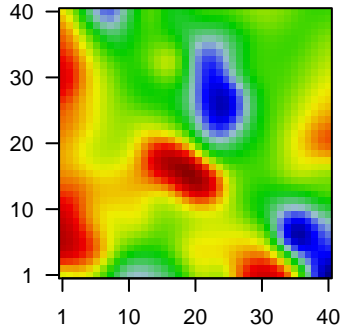
Global Summary

%DE = 0.08
 # genes with fdr < 0.2 = 3062 (1166 + / 1896 -)
 # genes with fdr < 0.1 = 2397 (867 + / 1530 -)
 # genes with fdr < 0.05 = 1958 (681 + / 1277 -)
 # genes with fdr < 0.01 = 1370 (451 + / 919 -)

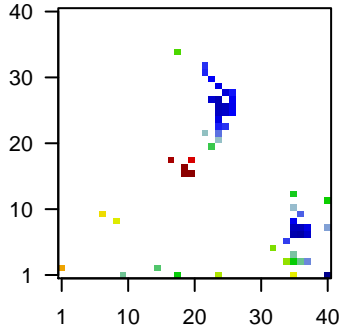
 # genes in genesets = 16360

<FC> = 0
 <t-score> = -0.12
 <p-value> = 0.17
 <fdr> = 0.92

Portrait



Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	1552721_a_at	-1.98	2e-16	6e-14	24 x 24 fibroblast growth factor 1 [Source:HGNC Symbol;Acc:HGNC:]
2	1552848_a_at	-2.37	2e-16	6e-14	24 x 25 patched domain containing 1 [Source:HGNC Symbol;Acc:HGNC:]
3	1554784_at	-1.5	2e-16	6e-14	24 x 1 contactin 1 [Source:HGNC Symbol;Acc:HGNC:2171]
4	1555807_a_at	-2.13	2e-16	6e-14	35 x 7 myelin oligodendrocyte glycoprotein [Source:HGNC Symbol;Acc:HGNC:]
5	1556499_s_at	1.73	2e-16	6e-14	18 x 34 collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:]
6	1556904_at	-2.48	2e-16	6e-14	36 x 3 novel transcript, overlapping GABRB1
7	1557256_a_at	-2.45	2e-16	6e-14	35 x 4
8	1565162_s_at	-1.8	2e-16	6e-14	23 x 27 microsomal glutathione S-transferase 1 [Source:HGNC Symbol;Acc:HGNC:]
9	1565809_x_at	-1.79	2e-16	6e-14	35 x 7
10	1569110_x_at	-1.95	2e-16	6e-14	7 x 10 programmed cell death 6 (PDCD6) pseudogene
11	201028_s_at	-1.05	2e-16	6e-14	23 x 30 CD99 molecule (Xg blood group) [Source:HGNC Symbol;Acc:HGNC:]
12	201438_at	2.43	2e-16	6e-14	20 x 16 collagen type VI alpha 3 chain [Source:HGNC Symbol;Acc:HGNC:]
13	201852_x_at	2.51	2e-16	6e-14	19 x 16 collagen type III alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:]
14	201909_at	-1.79	2e-16	6e-14	18 x 1 ribosomal protein S4 Y-linked 1 [Source:HGNC Symbol;Acc:HGNC:]
15	202071_at	-1.42	2e-16	6e-14	24 x 22 syndecan 4 [Source:HGNC Symbol;Acc:HGNC:10661]
16	202191_s_at	-1.27	2e-16	6e-14	37 x 8 growth arrest specific 7 [Source:HGNC Symbol;Acc:HGNC:4161]
17	202310_s_at	2.27	2e-16	6e-14	19 x 17 collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HGNC:]
18	202404_s_at	2.2	2e-16	6e-14	19 x 17 collagen type I alpha 2 chain [Source:HGNC Symbol;Acc:HGNC:]
19	202834_at	-1.38	2e-16	6e-14	25 x 25 angiotensinogen [Source:HGNC Symbol;Acc:HGNC:333]
20	203381_s_at	-1.17	2e-16	6e-14	25 x 28 apolipoprotein E [Source:HGNC Symbol;Acc:HGNC:613]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	8.31	NULL	231	BP extracellular matrix organization
2	6.93	NULL	44	BP collagen fibril organization
3	6.09	NULL	12	BP keratan sulfate catabolic process
4	5.06	NULL	158	BP DNA replication
5	4.95	NULL	29	BP endodermal cell differentiation
6	4.47	NULL	630	BP cell cycle
7	4.43	NULL	254	BP angiogenesis
8	4.28	NULL	101	BP ossification
9	4.25	NULL	17	BP antigen processing and presentation of peptide or polysaccharide antigen fragments
10	4.18	NULL	15	BP proteoglycan binding
11	4.14	NULL	12	BP basement membrane organization
12	4.01	NULL	394	BP cell division
13	3.99	NULL	85	BP chromosome segregation
14	3.97	NULL	1416	BP DNA-binding transcription factor activity, RNA polymerase II-specific
15	3.84	NULL	31	BP mitotic sister chromatid segregation
16	3.77	NULL	400	BP chromatin binding
17	3.76	NULL	66	BP response to mechanical stimulus
18	3.7	NULL	24	BP non-canonical Wnt signaling pathway
19	3.54	NULL	13	BP type B pancreatic cell development
20	3.45	NULL	13	BP supramolecular fiber organization
<i>Underexpressed</i>				
1	-9.13	NULL	4278	BP plasma membrane
2	-8.64	NULL	7387	BP membrane
3	-6.51	NULL	12	BP negative regulation of long-term synaptic potentiation
4	-6.4	NULL	15	BP water transport
5	-6.35	NULL	13	BP central nervous system myelination
6	-6.14	NULL	55	BP phospholipase C-activating G protein-coupled receptor signaling pathway
7	-6.04	NULL	574	BP synapse
8	-6.04	NULL	17	BP cellular response to zinc ion
9	-5.85	NULL	21	BP cellular response to copper ion
10	-5.82	NULL	52	BP myelination
11	-5.75	NULL	43	BP substantia nigra development
12	-5.66	NULL	521	BP lipid metabolic process
13	-5.45	NULL	12	BP negative regulation of amyloid-beta formation
14	-5.34	NULL	156	BP fatty acid metabolic process
15	-5.3	NULL	89	BP neuropeptide signaling pathway
16	-5.26	NULL	236	BP chemical synaptic transmission
17	-5.25	NULL	16	BP negative regulation of growth
18	-5.19	NULL	777	BP G protein-coupled receptor signaling pathway
19	-5.18	NULL	30	BP associative learning
20	-5.12	NULL	23	BP cellular zinc ion homeostasis

p-values

