21272E

Global Summary

%DE = 0.09

genes with fdr < 0.2 = 3287 (1773 + / 1514 −)

genes with fdr < 0.1 = 2458 (1342 + / 1116 −)

genes with fdr < 0.05 = 2113 (1164 + / 949 −)

genes with fdr < 0.01 = 1297 (710 + / 587 −)

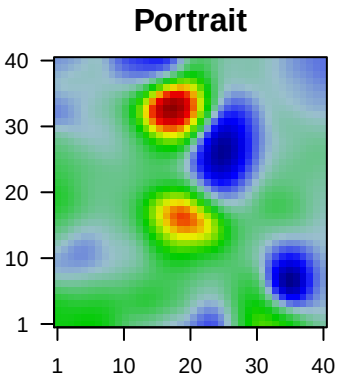
genes in genesets = 16360

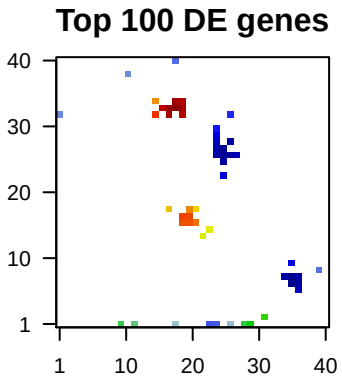
<FC> = 0

<t−score> = −0.06

<p−value> = 0.18

<fdr> = 0.91





Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1552378_s_at	2.12	2e−16	1e−13	17 x 32	retinol dehydrogenase 10 [Source:HGNC Symbol;Acc:HGNC
2	1555778_a_at	2.17	2e−16	1e−13	20 x 18	periostin [Source:HGNC Symbol;Acc:HGNC:16953]
3	1556499_s_at	1.69	2e−16	1e−13	18 x 34	collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HG
4	1558387_at	−1.27	2e−16	1e−13	25 x 27	NKAIN3 intronic transcript [Source:HGNC Symbol;Acc:HGNC
5	1558388_a_at	−1.26	2e−16	1e−13	25 x 27	NKAIN3 intronic transcript [Source:HGNC Symbol;Acc:HGNC
6	1565809_x_at	−1.49	2e−16	1e−13	35 x 7	
7	1568983_a_at	−1.09	2e−16	1e−13	1 x 32	GABPB1 antisense RNA 1 [Source:HGNC Symbol;Acc:HGN
8	201438_at	2.08	2e−16	1e−13	20 x 16	collagen type VI alpha 3 chain [Source:HGNC Symbol;Acc:H
9	201666_at	1.56	2e−16	1e−13	21 x 18	TIMP metallopeptidase inhibitor 1 [Source:HGNC Symbol;Acc
10	201852_x_at	2.61	2e−16	1e−13	19 x 16	collagen type III alpha 1 chain [Source:HGNC Symbol;Acc:H
11	201909_at	−1.68	2e−16	1e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
12	202310_s_at	2.2	2e−16	1e−13	19 x 17	collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HG
13	202376_at	1.39	2e−16	1e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
14	202404_s_at	2.14	2e−16	1e−13	19 x 17	collagen type I alpha 2 chain [Source:HGNC Symbol;Acc:HG
15	202454_s_at	−2.05	2e−16	1e−13	34 x 8	erb−b2 receptor tyrosine kinase 3 [Source:HGNC Symbol;Acc
16	203295_s_at	−1	2e−16	1e−13	25 x 23	ATPase Na+/K+ transporting subunit alpha 2 [Source:HGNC
17	203548_s_at	−1.17	2e−16	1e−13	26 x 28	lipoprotein lipase [Source:HGNC Symbol;Acc:HGNC:6677]
18	203549_s_at	−1.21	2e−16	1e−13	26 x 28	lipoprotein lipase [Source:HGNC Symbol;Acc:HGNC:6677]
19	203638_s_at	−1.54	2e−16	1e−13	36 x 8	fibroblast growth factor receptor 2 [Source:HGNC Symbol;Acc
20	203851_at	2.01	2e−16	1e−13	23 x 15	insulin like growth factor binding protein 6 [Source:HGNC Syr

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	16.22	NULL	564	BP	immune system process
2	15.31	NULL	388	BP	immune response
3	14.21	NULL	64	BP	complement activation, classical pathway
4	13.76	NULL	64	BP	regulation of complement activation
5	12.42	NULL	47	BP	complement activation
6	12.33	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
7	11.44	NULL	43	BP	antigen processing and presentation
8	11.42	NULL	7387	BP	membrane
9	11.24	NULL	417	BP	innate immune response
10	11.17	NULL	155	BP	regulation of immune response
11	10.71	NULL	460	BP	neutrophil degranulation
12	10.38	NULL	364	BP	inflammatory response
13	10.18	NULL	4278	BP	plasma membrane
14	10.08	NULL	152	BP	leukocyte migration
15	9.85	NULL	222	BP	adaptive immune response
16	9.22	NULL	29	BP	positive regulation of B cell activation
17	9.22	NULL	289	BP	cytokine−mediated signaling pathway
18	9.11	NULL	89	BP	Fc−gamma receptor signaling pathway involved in phagocytosis
19	8.56	NULL	204	BP	cellular protein metabolic process
20	8.07	NULL	30	BP	immunoglobulin production
Underexpressed					
1	−8.99	NULL	13	BP	central nervous system myelination
2	−4.33	NULL	133	BP	central nervous system development
3	−4.07	NULL	39	BP	cellular amino acid biosynthetic process
4	−3.9	NULL	46	BP	neural tube development
5	−3.76	NULL	52	BP	myelination
6	−3.65	NULL	12	BP	endocardial cushion development
7	−3.63	NULL	62	BP	negative regulation of epithelial cell proliferation
8	−3.49	NULL	63	BP	negative regulation of neuron differentiation
9	−3.37	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
10	−3.18	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
11	−3.18	NULL	82	BP	neural tube closure
12	−3.08	NULL	12	BP	negative regulation of amyloid−beta formation
13	−3.07	NULL	90	BP	viral transcription
14	−3.05	NULL	24	BP	digestion
15	−3.04	NULL	17	BP	negative regulation of adenylate cyclase activity
16	−3	NULL	39	BP	potassium ion import across plasma membrane
17	−2.96	NULL	16	BP	positive regulation of lipid biosynthetic process
18	−2.95	NULL	43	BP	substantia nigra development
19	−2.94	NULL	95	BP	anterior/posterior pattern specification
20	−2.91	NULL	11	BP	skeletal muscle myosin thick filament assembly