31120E

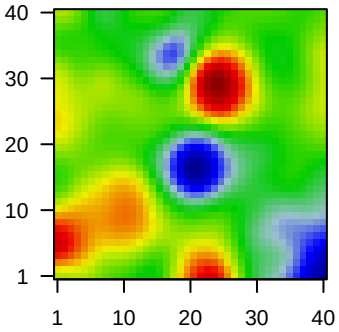
Global Summary

%DE = 0.05
genes with fdr < 0.2 = 1578 (663 + / 915 −)
genes with fdr < 0.1 = 1144 (477 + / 667 −)
genes with fdr < 0.05 = 846 (345 + / 501 −)
genes with fdr < 0.01 = 484 (190 + / 294 −)

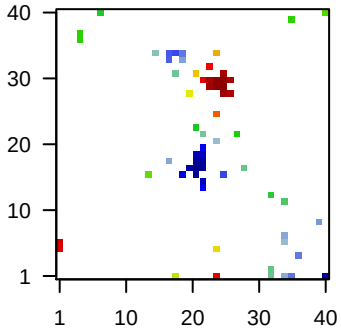
genes in genesets = 16360

<FC> = 0
<t−score> = 0.19
<p−value> = 0.26
<fdr> = 0.95

Portrait



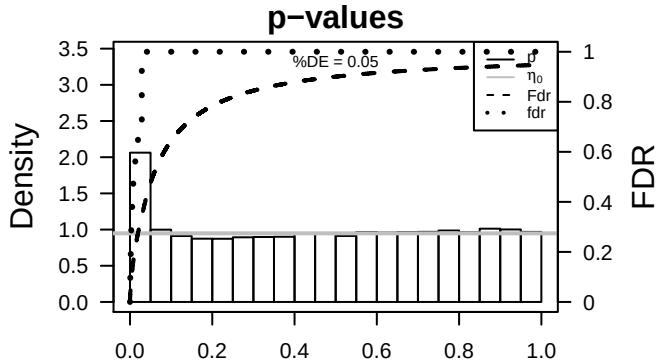
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1553613_s_at	−1.57	2e−16	5e−13	21 x 17	forkhead box C1 [Source:HGNC Symbol;Acc:HGNC:3800]
2	201137_s_at	−0.85	2e−16	5e−13	19 x 34	major histocompatibility complex, class II, DP beta 1 [Source:
3	201525_at	−0.96	2e−16	5e−13	34 x 12	apolipoprotein D [Source:HGNC Symbol;Acc:HGNC:612]
4	201666_at	−1.58	2e−16	5e−13	21 x 18	TIMP metallopeptidase inhibitor 1 [Source:HGNC Symbol;Acc
5	201792_at	−1.42	2e−16	5e−13	22 x 20	AE binding protein 1 [Source:HGNC Symbol;Acc:HGNC:303]
6	201909_at	1.26	2e−16	5e−13	18 x 1	ribosomal protein S4 Y−linked 1 [Source:HGNC Symbol;Acc:
7	202376_at	−1.35	2e−16	5e−13	19 x 34	serpin family A member 3 [Source:HGNC Symbol;Acc:HGNC
8	203815_at	−1.63	2e−16	5e−13	22 x 15	glutathione S−transferase theta 1 [Source:HGNC Symbol;Acc
9	209116_x_at	−1.12	2e−16	5e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
10	209395_at	−1.25	2e−16	5e−13	21 x 19	chitinase 3 like 1 [Source:HGNC Symbol;Acc:HGNC:1932]
11	209396_s_at	−1.45	2e−16	5e−13	21 x 19	chitinase 3 like 1 [Source:HGNC Symbol;Acc:HGNC:1932]
12	209458_x_at	−0.79	2e−16	5e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
13	210095_s_at	−1.19	2e−16	5e−13	21 x 16	insulin like growth factor binding protein 3 [Source:HGNC Syr
14	211696_x_at	−0.83	2e−16	5e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
15	211699_x_at	−0.82	2e−16	5e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
16	211745_x_at	−0.71	2e−16	5e−13	40 x 40	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
17	211964_at	−1.1	2e−16	5e−13	20 x 17	collagen type IV alpha 2 chain [Source:HGNC Symbol;Acc:H
18	213479_at	−1.61	2e−16	5e−13	40 x 1	neuronal pentraxin 2 [Source:HGNC Symbol;Acc:HGNC:795
19	217232_x_at	−1.06	2e−16	5e−13	40 x 40	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
20	227608_at	−0.89	2e−16	5e−13	7 x 40	heterogeneous nuclear ribonucleoprotein U like 2 [Source:HG

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	8.26	NULL	1145	BP	regulation of transcription by RNA polymerase II
2	8.22	NULL	120	BP	translational initiation
3	8.1	NULL	98	BP	nuclear−transcribed mRNA catabolic process, nonsense−mediated
4	7.82	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
5	7.79	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
6	7.54	NULL	90	BP	viral transcription
7	6.48	NULL	276	BP	translation
8	6.44	NULL	1387	BP	regulation of transcription, DNA−templated
9	5.68	NULL	229	BP	mRNA splicing, via spliceosome
10	5.52	NULL	152	BP	rRNA processing
11	5.33	NULL	358	BP	mRNA processing
12	4.74	NULL	279	BP	RNA splicing
13	4.45	NULL	342	BP	chromatin organization
14	4.29	NULL	541	BP	negative regulation of transcription, DNA−templated
15	4.06	NULL	55	BP	somitogenesis
16	4.04	NULL	21	BP	ribosomal large subunit assembly
17	3.95	NULL	40	BP	regulation of neurogenesis
18	3.92	NULL	29	BP	cytoplasmic translation
19	3.81	NULL	49	BP	RNA metabolic process
20	3.7	NULL	12	BP	planar cell polarity pathway involved in neural tube closure
Underexpressed					
1	−11.39	NULL	4278	BP	plasma membrane
2	−10.2	NULL	7387	BP	membrane
3	−9.59	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	−8.2	NULL	254	BP	angiogenesis
5	−6.97	NULL	574	BP	synapse
6	−6.94	NULL	236	BP	chemical synaptic transmission
7	−6.89	NULL	43	BP	antigen processing and presentation
8	−6.8	NULL	627	BP	ion transport
9	−6.61	NULL	118	BP	platelet degranulation
10	−6.47	NULL	657	BP	calcium ion binding
11	−6.37	NULL	38	BP	bicarbonate transport
12	−6.03	NULL	128	BP	negative regulation of endopeptidase activity
13	−5.45	NULL	275	BP	ion transmembrane transport
14	−5.37	NULL	43	BP	neurotransmitter transport
15	−5.35	NULL	44	BP	collagen fibril organization
16	−5.24	NULL	51	BP	neurotransmitter secretion
17	−5.09	NULL	66	BP	response to mechanical stimulus
18	−5.05	NULL	231	BP	extracellular matrix organization
19	−4.92	NULL	615	BP	transmembrane transport
20	−4.91	NULL	204	BP	cellular protein metabolic process