2922F

Global Summary

%DE = 0.07

genes with fdr < 0.2 = 2332 (813 + / 1519 −)

genes with fdr < 0.1 = 1719 (526 + / 1193 −)

genes with fdr < 0.05 = 1340 (371 + / 969 −)

genes with fdr < 0.01 = 823 (191 + / 632 −)

genes in genesets = 16360

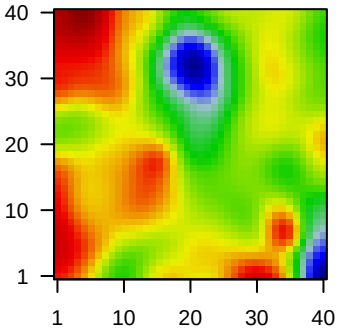
<FC> = 0

<t−score> = 0.04

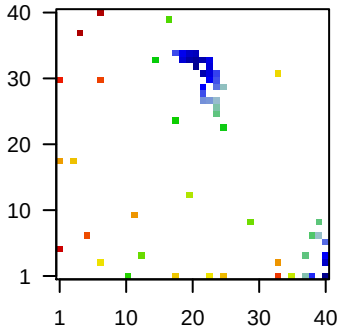
<p−value> = 0.22

<fdr> = 0.93

Portrait



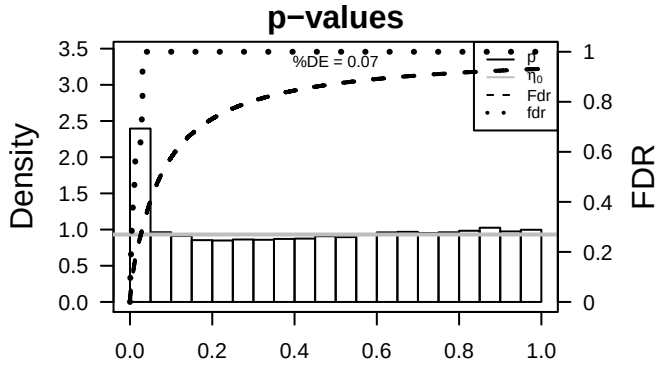
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	1556499_s_at	−1.56	2e−16	2e−13	18 x 34	collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HG
2	1567628_at	−1.41	2e−16	2e−13	20 x 33	CD74 molecule [Source:HGNC Symbol;Acc:HGNC:1697]
3	201137_s_at	−1.17	2e−16	2e−13	19 x 34	major histocompatibility complex, class II, DP beta 1 [Source:
4	201743_at	−1.22	2e−16	2e−13	21 x 33	CD14 molecule [Source:HGNC Symbol;Acc:HGNC:1628]
5	202295_s_at	−1.28	2e−16	2e−13	23 x 32	cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
6	202350_s_at	−1.05	2e−16	2e−13	18 x 24	matrilin 2 [Source:HGNC Symbol;Acc:HGNC:6908]
7	202803_s_at	−1.46	2e−16	2e−13	21 x 33	integrin subunit beta 2 [Source:HGNC Symbol;Acc:HGNC:61
8	202953_at	−1.12	2e−16	2e−13	20 x 33	complement C1q B chain [Source:HGNC Symbol;Acc:HGNC:
9	203000_at	−1.9	2e−16	2e−13	37 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
10	203001_s_at	−2.12	2e−16	2e−13	38 x 1	stathmin 2 [Source:HGNC Symbol;Acc:HGNC:10577]
11	203797_at	−1.45	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
12	203798_s_at	−1.95	2e−16	2e−13	40 x 1	visinin like 1 [Source:HGNC Symbol;Acc:HGNC:12722]
13	203999_at	−1.09	2e−16	2e−13	40 x 1	synaptotagmin 1 [Source:HGNC Symbol;Acc:HGNC:11509]
14	204174_at	−1.7	2e−16	2e−13	21 x 32	arachidonate 5−lipoxygenase activating protein [Source:HGN
15	204229_at	−1.52	2e−16	2e−13	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
16	204230_s_at	−1.73	2e−16	2e−13	40 x 1	solute carrier family 17 member 7 [Source:HGNC Symbol;Acc
17	204320_at	−1.89	2e−16	2e−13	24 x 31	collagen type XI alpha 1 chain [Source:HGNC Symbol;Acc:H
18	204337_at	−1.59	2e−16	2e−13	40 x 1	regulator of G protein signaling 4 [Source:HGNC Symbol;Acc
19	204471_at	−0.94	2e−16	2e−13	15 x 33	growth associated protein 43 [Source:HGNC Symbol;Acc:HG
20	204472_at	−2.08	2e−16	2e−13	22 x 31	GTP binding protein overexpressed in skeletal muscle [Sourc

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all		Geneset
Overexpressed					
1	7.08	NULL	366	BP	DNA repair
2	6.95	NULL	630	BP	cell cycle
3	6.21	NULL	158	BP	DNA replication
4	5.87	NULL	484	BP	cellular response to DNA damage stimulus
5	5.85	NULL	394	BP	cell division
6	5.03	NULL	342	BP	chromatin organization
7	4.77	NULL	276	BP	translation
8	4.66	NULL	229	BP	mRNA splicing, via spliceosome
9	4.61	NULL	358	BP	mRNA processing
10	4.27	NULL	279	BP	RNA splicing
11	4.07	NULL	24	BP	replication fork processing
12	4.02	NULL	97	BP	DNA recombination
13	3.98	NULL	120	BP	translational initiation
14	3.87	NULL	69	BP	SRP−dependent cotranslational protein targeting to membrane
15	3.84	NULL	85	BP	mitochondrial translational termination
16	3.84	NULL	83	BP	mitochondrial translational elongation
17	3.83	NULL	54	BP	DNA duplex unwinding
18	3.79	NULL	12	BP	dermatan sulfate biosynthetic process
19	3.69	NULL	152	BP	rRNA processing
20	3.68	NULL	81	BP	double−strand break repair via homologous recombination
Underexpressed					
1	−18.1	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
2	−17.03	NULL	43	BP	antigen processing and presentation
3	−16.63	NULL	4278	BP	plasma membrane
4	−15.48	NULL	388	BP	immune response
5	−14.51	NULL	564	BP	immune system process
6	−13.09	NULL	7387	BP	membrane
7	−12.95	NULL	1500	BP	signal transduction
8	−12.31	NULL	364	BP	inflammatory response
9	−10	NULL	417	BP	innate immune response
10	−9.9	NULL	460	BP	neutrophil degranulation
11	−9.8	NULL	289	BP	cytokine−mediated signaling pathway
12	−9.53	NULL	777	BP	G protein−coupled receptor signaling pathway
13	−8.94	NULL	88	BP	cellular response to interferon−gamma
14	−8.83	NULL	574	BP	synapse
15	−7.9	NULL	155	BP	regulation of immune response
16	−7.79	NULL	33	BP	lipopolysaccharide−mediated signaling pathway
17	−7.78	NULL	151	BP	cellular response to lipopolysaccharide
18	−7.75	NULL	59	BP	positive regulation of T cell proliferation
19	−7.69	NULL	188	BP	positive regulation of ERK1 and ERK2 cascade
20	−7.45	NULL	93	BP	antigen processing and presentation of exogenous peptide antigen