group 6

Global Summary

%DE = 0.64

genes with fdr < 0.2 = 27195 (14460 + / 12735 −)

genes with fdr < 0.1 = 21821 (11850 + / 9971 −)

genes with fdr < 0.05 = 16869 (9464 + / 7405 −)

genes with fdr < 0.01 = 8342 (5013 + / 3329 −)

genes in genesets = 16360

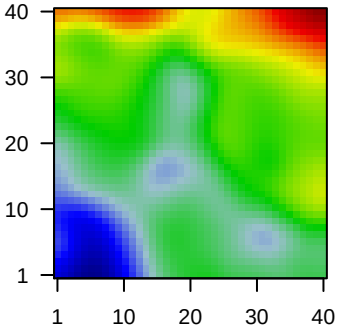
<FC> = 0

<t−score> = 0.17

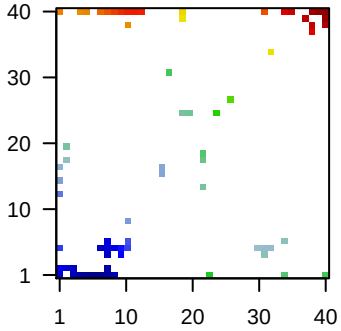
<p−value> = 0.03

<fdr> = 0.36

Portrait



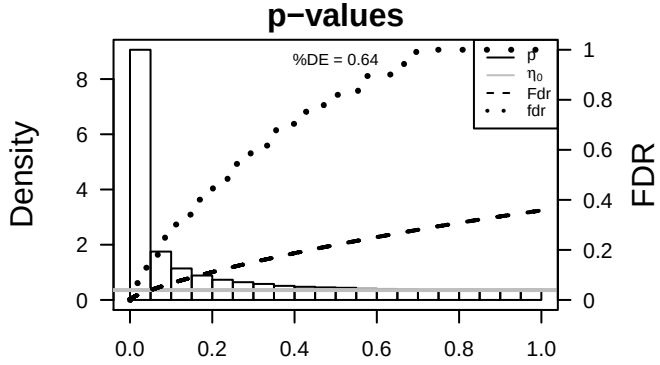
Top 100 DE genes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	234505_at	0.71	3e−10	9e−06	11 x 40	
2	1554706_at	−0.6	9e−10	9e−06	32 x 5	olfactory receptor family 2 subfamily L member 13 [Source:H(
3	238964_at	0.47	2e−09	9e−06	24 x 25	fidgetin, microtubule severing factor [Source:HGNC Symbol;A
4	216252_x_at	−0.65	2e−09	9e−06	8 x 2	Fas cell surface death receptor [Source:HGNC Symbol;Acc:H
5	238819_at	−0.64	3e−09	9e−06	9 x 5	zinc finger protein 347 [Source:HGNC Symbol;Acc:HGNC:16
6	211814_s_at	−0.69	3e−09	9e−06	4 x 1	cyclin E2 [Source:HGNC Symbol;Acc:HGNC:1590]
7	233020_at	−0.6	3e−09	9e−06	8 x 6	SEC22 homolog B, vesicle trafficking protein (gene/pseudoge
8	1558636_s_at	−0.42	4e−09	9e−06	1 x 2	ADAM metallopeptidase with thrombospondin type 1 motif 5 [
9	1559501_at	−0.24	5e−09	9e−06	11 x 9	CBR3 antisense RNA 1 [Source:HGNC Symbol;Acc:HGNC:4
10	235202_x_at	−0.53	5e−09	9e−06	16 x 16	IKBKB interacting protein [Source:HGNC Symbol;Acc:HGNC:
11	220103_s_at	−0.4	6e−09	9e−06	8 x 5	mitochondrial ribosomal protein S18C [Source:HGNC Symbo
12	231999_at	0.47	6e−09	9e−06	8 x 40	ankyrin repeat domain 11 [Source:HGNC Symbol;Acc:HGNC
13	217541_x_at	−0.41	6e−09	9e−06	11 x 5	
14	216101_at	0.59	6e−09	1e−05	5 x 40	
15	1560692_at	−0.58	7e−09	1e−05	34 x 1	VSTM2A overlapping transcript 1 [Source:HGNC Symbol;Acc
16	222339_x_at	0.53	8e−09	1e−05	11 x 40	
17	229195_at	0.76	8e−09	1e−05	39 x 40	mesoderm posterior bHLH transcription factor 1 [Source:HGN
18	1553122_s_at	−0.69	9e−09	1e−05	3 x 1	RB associated KRAB zinc finger [Source:HGNC Symbol;Acc:
19	229363_at	−0.3	9e−09	1e−05	11 x 6	long intergenic non−protein coding RNA 920 [Source:HGNC
20	232893_at	−0.61	9e−09	1e−05	8 x 1	LMBR1 domain containing 2 [Source:HGNC Symbol;Acc:HGI

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	6.45	NULL	115	BP	keratinization
2	4.52	NULL	51	BP	antimicrobial humoral response
3	4.33	NULL	418	BP	regulation of signaling receptor activity
4	4.33	NULL	96	BP	cornification
5	4.27	NULL	222	BP	adaptive immune response
6	4.25	NULL	151	BP	defense response to bacterium
7	3.79	NULL	121	BP	defense response
8	3.53	NULL	777	BP	G protein−coupled receptor signaling pathway
9	3.53	NULL	111	BP	sensory perception of smell
10	3.21	NULL	11	BP	phospholipid efflux
11	3.15	NULL	29	BP	killing of cells of other organism
12	3.13	NULL	18	BP	embryonic digestive tract morphogenesis
13	3.1	NULL	12	BP	myotube differentiation
14	3.07	NULL	32	BP	cilium movement
15	3.02	NULL	56	BP	B cell receptor signaling pathway
16	3.01	NULL	59	BP	regulation of megakaryocyte differentiation
17	3.01	NULL	19	BP	cardiac myofibril assembly
18	2.94	NULL	148	BP	chemotaxis
19	2.91	NULL	62	BP	somatic stem cell population maintenance
20	2.91	NULL	14	BP	skeletal muscle thin filament assembly
Underexpressed					
1	−11.22	NULL	6202	BP	cytoplasm
2	−11.04	NULL	4740	BP	cytosol
3	−8.58	NULL	630	BP	cell cycle
4	−8.15	NULL	7387	BP	membrane
5	−7.98	NULL	366	BP	DNA repair
6	−7.71	NULL	1145	BP	regulation of transcription by RNA polymerase II
7	−7.62	NULL	394	BP	cell division
8	−7.5	NULL	630	BP	protein transport
9	−7.31	NULL	1242	BP	Golgi apparatus
10	−6.89	NULL	484	BP	cellular response to DNA damage stimulus
11	−6.47	NULL	1435	BP	mitochondrion
12	−5.59	NULL	158	BP	DNA replication
13	−5.46	NULL	545	BP	protein ubiquitination
14	−5.38	NULL	1387	BP	regulation of transcription, DNA−templated
15	−5.32	NULL	1416	BP	DNA−binding transcription factor activity, RNA polymerase II−speci
16	−5.1	NULL	164	BP	mitotic cell cycle
17	−5.08	NULL	324	BP	intracellular protein transport
18	−4.9	NULL	500	BP	catalytic activity
19	−4.81	NULL	101	BP	mRNA transport
20	−4.76	NULL	358	BP	mRNA processing