MPI−204

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 472 (295 + / 177 −)

genes with fdr < 0.1 = 381 (244 + / 137 −)

genes with fdr < 0.05 = 282 (186 + / 96 −)

genes with fdr < 0.01 = 139 (94 + / 45 −)

genes in genesets = 13152

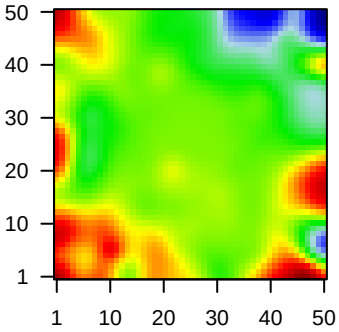
<FC> = 0

<t−score> = 0.01

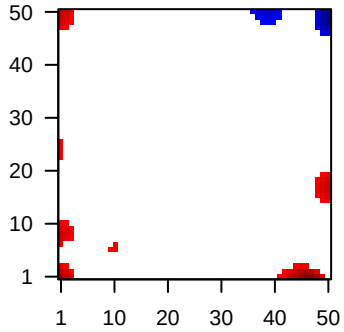
<p−value> = 0.27

<fdr> = 0.95

Portrait



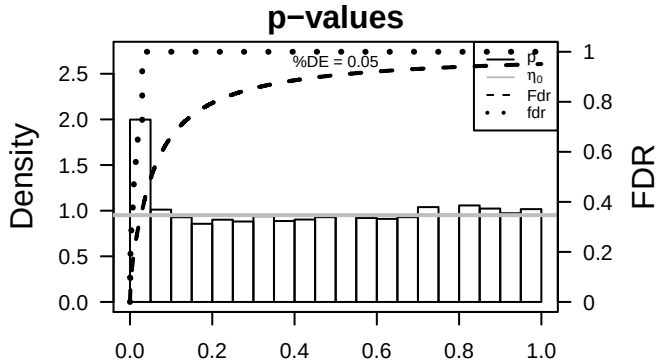
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	204484_at	−1.74	2e−16	2e−12	2 x 15	phosphatidylinositol−4−phosphate 3−kinase catalytic subunit
2	221671_x_at	0.95	2e−16	2e−12	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
3	211644_x_at	1.97	4e−16	3e−10	0 x 1	immunoglobulin kappa variable 3−20 [Source:HGNC Symbol;
4	213110_s_at	2.3	4e−16	3e−10	2 x 25	collagen type IV alpha 5 chain [Source:HGNC Symbol;Acc:H
5	220359_s_at	2.18	1e−14	2e−09	22 x 20	cAMP regulated phosphoprotein 21 [Source:HGNC Symbol;A
6	211654_x_at	0.97	9e−14	2e−09	1 x 9	major histocompatibility complex, class II, DQ beta 1 [Source:
7	206045_s_at	2.08	2e−13	2e−09	42 x 16	nucleolar protein 4 [Source:HGNC Symbol;Acc:HGNC:7870]
8	220384_at	2.07	2e−13	1e−08	0 x 27	NME/NM23 family member 8 [Source:HGNC Symbol;Acc:HG
9	214669_x_at	0.91	1e−12	1e−08	0 x 3	
10	221651_x_at	0.8	1e−12	1e−08	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:I
11	203229_s_at	−1.39	3e−12	1e−08	40 x 41	CDC like kinase 2 [Source:HGNC Symbol;Acc:HGNC:2069]
12	204591_at	1.97	3e−12	1e−08	17 x 7	cell adhesion molecule L1 like [Source:HGNC Symbol;Acc:H
13	213831_at	1.21	4e−12	1e−08	49 x 16	major histocompatibility complex, class II, DQ alpha 1 [Source
14	211699_x_at	−1.3	4e−12	1e−08	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
15	213714_at	1.96	5e−12	1e−08	33 x 11	calcium voltage−gated channel auxiliary subunit beta 2 [Sour
16	217022_s_at	1.31	5e−12	4e−07	0 x 2	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc
17	206232_s_at	1.89	2e−11	4e−07	20 x 37	beta−1,4−galactosyltransferase 6 [Source:HGNC Symbol;Acc
18	209480_at	1.6	4e−11	1e−06	49 x 16	major histocompatibility complex, class II, DQ beta 1 [Source:
19	213992_at	1.83	1e−10	1e−06	21 x 21	collagen type IV alpha 6 chain [Source:HGNC Symbol;Acc:H
20	206233_at	1.81	2e−10	1e−06	49 x 31	beta−1,4−galactosyltransferase 6 [Source:HGNC Symbol;Acc

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	12.89	NULL	585	Chr	Chr 7
2	11.55	NULL	53	GSEA C2	NIKOLSKY_BREAST_CANCER_7Q21_Q22_AMPLICON
3	11.41	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
4	11.4	NULL	18	CC	MHC class II protein complex
5	11.33	NULL	44	MF	antigen binding
6	9.96	NULL	431	BP	immune system process
7	9.93	NULL	40	BP	antigen processing and presentation
8	9.89	NULL	336	BP	immune response
9	9.79	NULL	589	Colon Cancer	Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
10	9.04	NULL	52	BP	complement activation, classical pathway
11	8.56	NULL	113	BP	regulation of immune response
12	8.54	NULL	161	BP	adaptive immune response
13	8.42	NULL	480	Cancer	Lembcke_Colonic Inflammation
14	8.41	NULL	67	GSEA C2	NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
15	8.38	NULL	429	GSEA C2	SMID_BREAST_CANCER_NORMAL_LIKE_UP
16	8.35	NULL	12	MF	MHC class II receptor activity
17	8.09	NULL	39	BP	complement activation
18	8.04	NULL	447	Glioma	ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
19	7.89	NULL	32	Reference Signatures	Calgaratest_1,1_Plasma Cells
20	7.78	NULL	39	BP	B cell receptor signaling pathway
Underexpressed					
1	−12.02	NULL	1052	GSEA C2	DODD_NASOPHARYNGEAL_CARCINOMA_DN
2	−11.68	NULL	966	GSEA C2	KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
3	−11.57	NULL	439	GSEA C2	SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
4	−11.54	NULL	5456	Chromatin State	5_Tx_Neuronal_Progenitor
5	−11.5	NULL	3564	TF	ICGC_Taf1_targets
6	−11.32	NULL	3150	TF	ICGC_Creb1_targets
7	−11.29	NULL	6068	Chromatin State	4_Tx_ESC_Endoderm
8	−10.72	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
9	−10.62	NULL	137	GSEA C2	ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER
10	−10.18	NULL	6997	Chromatin State	Overlap_fetal_midbrain_K9K27me3
11	−10.08	NULL	703	GSEA C2	LEE_BMP2_TARGETS_DN
12	−10.05	NULL	575	GSEA C2	CAIRO_HEPATOBLASTOMA_CLASSES_UP
13	−10.02	NULL	244	GSEA C2	KOBAYASHI_EGFR_SIGNALING_24HR_DN
14	−9.9	NULL	4602	TF	ICGC_Elf1_targets
15	−9.8	NULL	14	Cancer	SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
16	−9.53	NULL	409	Cancer	Lembcke_Normal vs Adenoma
17	−9.47	NULL	431	GSEA C2	GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
18	−9.38	NULL	4278	TF	ICGC_Yy1_targets
19	−9.34	NULL	2994	TF	ICGC_Zeb1_targets
20	−9.28	NULL	6679	Chromatin State	5_Tx_Melanocytes