MPI−080

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 726 (236 + / 490 −)

genes with fdr < 0.1 = 516 (149 + / 367 −)

genes with fdr < 0.05 = 429 (123 + / 306 −)

genes with fdr < 0.01 = 288 (73 + / 215 −)

genes in genesets = 13152

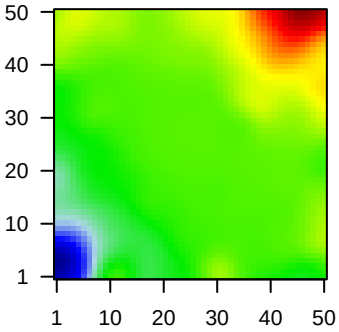
<FC> = 0

<t−score> = −0.06

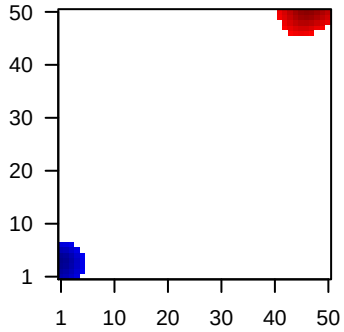
<p−value> = 0.24

<fdr> = 0.95

Portrait



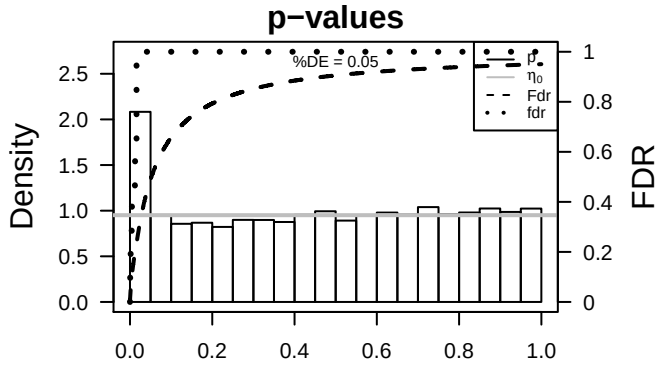
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	fdr p−value		Description Metagene
1	AFFX−M2783	2.25	2e−16	1e−13	49 x 47
2	1405_i_at	−1.49	2e−16	1e−13	1 x 0 C−C motif chemokine ligand 5 [Source:HGNC Symbol;Acc:H
3	201141_at	−1.05	2e−16	1e−13	6 x 4 glycoprotein nmb [Source:HGNC Symbol;Acc:HGNC:4462]
4	201850_at	−1.55	2e−16	1e−13	4 x 3 capping actin protein, gelsolin like [Source:HGNC Symbol;Ac
5	202295_s_at	−2.12	2e−16	1e−13	0 x 5 cathepsin H [Source:HGNC Symbol;Acc:HGNC:2535]
6	202917_s_at	−1.58	2e−16	1e−13	0 x 0 S100 calcium binding protein A8 [Source:HGNC Symbol;Acc:
7	203471_s_at	−1.27	2e−16	1e−13	2 x 6 pleckstrin [Source:HGNC Symbol;Acc:HGNC:9070]
8	203915_at	−2.64	2e−16	1e−13	0 x 0 C−X−C motif chemokine ligand 9 [Source:HGNC Symbol;Acc
9	204416_x_at	−1.45	2e−16	1e−13	5 x 3 apolipoprotein C1 [Source:HGNC Symbol;Acc:HGNC:607]
10	204489_s_at	−1.67	2e−16	1e−13	0 x 4 CD44 molecule (Indian blood group) [Source:HGNC Symbol;A
11	204490_s_at	−1.19	2e−16	1e−13	0 x 4 CD44 molecule (Indian blood group) [Source:HGNC Symbol;A
12	204533_at	−2.21	2e−16	1e−13	0 x 0 C−X−C motif chemokine ligand 10 [Source:HGNC Symbol;Ac
13	204971_at	−1.58	2e−16	1e−13	5 x 3 cystatin A [Source:HGNC Symbol;Acc:HGNC:2481]
14	205242_at	−2.31	2e−16	1e−13	0 x 3 C−X−C motif chemokine ligand 13 [Source:HGNC Symbol;Ac
15	205890_s_at	−2.5	2e−16	1e−13	2 x 2 ubiquitin D [Source:HGNC Symbol;Acc:HGNC:18795]
16	206134_at	−1.39	2e−16	1e−13	3 x 3 ADAM like decysin 1 [Source:HGNC Symbol;Acc:HGNC:162
17	208791_at	−1.7	2e−16	1e−13	0 x 3 clusterin [Source:HGNC Symbol;Acc:HGNC:2095]
18	208792_s_at	−1.45	2e−16	1e−13	0 x 3 clusterin [Source:HGNC Symbol;Acc:HGNC:2095]
19	209396_s_at	−2.01	2e−16	1e−13	3 x 1 chitinase 3 like 1 [Source:HGNC Symbol;Acc:HGNC:1932]
20	209823_x_at	−1.71	2e−16	1e−13	2 x 8 major histocompatibility complex, class II, DQ beta 1 [Source:

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset
Overexpressed				
1	16.55	NULL	1527	GSEA C2 PUJANA_BRCA1_PCC_NETWORK
2	16.12	NULL	726	GSEA C2 PUJANA_CHEK2_PCC_NETWORK
3	15.65	NULL	319	Melanoma Gerber_wt/wt_melanoma−cells−SpotA
4	15.15	NULL	966	GSEA C2 KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
5	14.88	NULL	5456	Chromatin States 5_Tss_Neuronal_Progenitor
6	14.58	NULL	575	GSEA C2 CAIRO_HEPATOBLASTOMA_CLASSES_UP
7	14.37	NULL	192	Lymphoma Victora_Dark zone signature
8	14.14	NULL	99	Lymphoma Shaffer_BL UP
9	13.98	NULL	400	GSEA C2 PUJANA_BRCA2_PCC_NETWORK
10	13.91	NULL	4579	CC nucleus
11	13.63	NULL	431	GSEA C2 GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
12	13.44	NULL	2541	CC nucleoplasm
13	13.39	NULL	526	GSEA C2 MARSON_BOUND_BY_E2F4_UNSTIMULATED
14	13.28	NULL	1161	MF RNA binding
15	13.1	NULL	7225	Chromatin States 6_Weak_fetal_midbrain_ReprPC
16	13.09	NULL	9160	Chromatin States 2_Tss_Neuronal_Progenitor
17	13.02	NULL	6997	Chromatin States 6_Weak_fetal_midbrain_K9K27me3
18	12.81	NULL	280	GSEA C2 MANALO_HYPOXIA_DN
19	12.8	NULL	187	HM HALLMARK_E2F_TARGETS
20	12.52	NULL	439	GSEA C2 SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
Underexpressed				
1	−27.88	NULL	85	Lymphoma Shaffer_DLBCL UP
2	−26.19	NULL	447	Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
3	−24.97	NULL	589	Colon Cancer Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
4	−23.87	NULL	317	Cancer SPANG_BCL6−index2
5	−22.77	NULL	223	GSEA C2 MCLACHLAN_DENTAL_CARIES_UP
6	−20.77	NULL	102	Reference Signatures Wright_EBV B−cells
7	−20.61	NULL	219	GSEA C2 MCLACHLAN_DENTAL_CARIES_DN
8	−19.88	NULL	78	Melanoma Tirosh_expression higher in CAFs than in T−cells
9	−19.63	NULL	404	GSEA C2 RUTELLA_RESPONSE_TO_HGF_UP
10	−19.19	NULL	269	Glioma ScoV_0.5_Sturm_C3_Mesenchymal_DN
11	−18.79	NULL	336	BP immune response
12	−18.55	NULL	386	GSEA C2 RUTELLA_RESPONSE_TO_HGF_VS_CSF2RB_AND_IL4_UP
13	−18.47	NULL	67	GSEA C2 NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
14	−18.33	NULL	71	Melanoma Tirosh_Macrophage specific genes−melanoma
15	−17.86	NULL	186	Cancer SPANG_LPS−index2
16	−17.8	NULL	194	GSEA C2 JAATINEN_HEMATOPOIETIC_STEM_CELL_DN
17	−17.48	NULL	265	GSEA C2 WALLACE_PROSTATE_CANCER_RACE_UP
18	−17.47	NULL	49	GSEA C2 GAURNIER_PSMD4_TARGETS
19	−16.78	NULL	480	Cancer Lembcke_Colonic Inflammation
20	−16.02	NULL	231	Glioma WILLSCHER_GBM_Verhaak−CL & MES_up