MPI−130

Global Summary

%DE = 0.04

genes with fdr < 0.2 = 486 (275 + / 211 −)

genes with fdr < 0.1 = 344 (200 + / 144 −)

genes with fdr < 0.05 = 276 (161 + / 115 −)

genes with fdr < 0.01 = 161 (105 + / 56 −)

genes in genesets = 13152

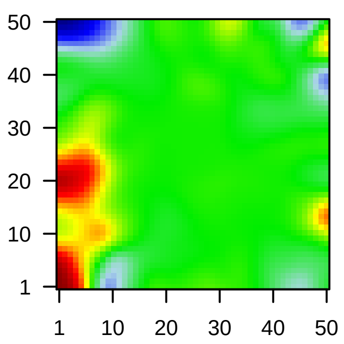
<FC> = 0

<t−score> = 0

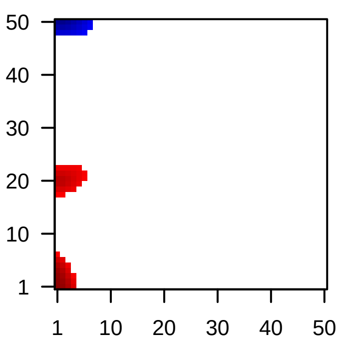
<p−value> = 0.27

<fdr> = 0.96

Portrait



Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	204489_s_at	1.42	1e−15	3e−11	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;
2	220068_at	−1.46	3e−15	6e−10	49 x 39	V−set pre−B cell surrogate light chain 3 [Source:HGNC Sym
3	207391_s_at	−1.52	6e−14	6e−10	7 x 46	phosphatidylinositol−4−phosphate 5−kinase type 1 alpha [So
4	212009_s_at	−1.31	7e−14	6e−10	1 x 49	stress induced phosphoprotein 1 [Source:HGNC Symbol;Acc
5	214412_at	2.18	9e−14	1e−09	4 x 17	H2A histone family member B2 [Source:HGNC Symbol;Acc:
6	204490_s_at	1.1	2e−13	7e−09	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;
7	213400_s_at	−1.93	5e−13	1e−08	0 x 15	transducin beta like 1 X−linked [Source:HGNC Symbol;Acc:
8	207534_at	2.07	2e−12	1e−08	1 x 16	MAGE family member B1 [Source:HGNC Symbol;Acc:HGNC
9	200951_s_at	2.05	2e−12	1e−08	0 x 20	cyclin D2 [Source:HGNC Symbol;Acc:HGNC:1583]
10	209810_at	2.05	3e−12	1e−08	0 x 22	surfactant protein B [Source:HGNC Symbol;Acc:HGNC:1080
11	209835_x_at	1.06	3e−12	1e−08	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;
12	217997_at	2.03	4e−12	8e−08	5 x 22	pleckstrin homology like domain family A member 1 [Source:
13	202953_at	1.18	8e−12	1e−07	0 x 0	complement C1q B chain [Source:HGNC Symbol;Acc:HGNC:
14	201909_at	−1.26	2e−11	1e−07	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc
15	212014_x_at	1.05	2e−11	1e−07	0 x 4	CD44 molecule (Indian blood group) [Source:HGNC Symbol;
16	202310_s_at	−1	3e−11	3e−07	9 x 0	collagen type I alpha 1 chain [Source:HGNC Symbol;Acc:HG
17	214370_at	1.93	4e−11	3e−07	24 x 14	
18	201852_x_at	−0.92	5e−11	3e−07	8 x 0	collagen type III alpha 1 chain [Source:HGNC Symbol;Acc:H
19	218000_s_at	1.91	6e−11	4e−07	8 x 23	pleckstrin homology like domain family A member 1 [Source:
20	202917_s_at	1.34	8e−11	1e−06	0 x 0	S100 calcium binding protein A8 [Source:HGNC Symbol;Acc:

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset
Overexpressed				
1	17.62	NULL	589	Colon Cancer Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
2	17.23	NULL	447	Glioma ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
3	15.56	NULL	71	Melanoma Tirosh_Macrophage specific genes−melanoma
4	13.94	NULL	223	GSEA C2 MCLACHLAN_DENTAL_CARIES_UP
5	13.61	NULL	85	Lymphoma Sha_DLBCL UP
6	13.6	NULL	317	Cancer SPANG_BCL6−index2
7	13.07	NULL	219	GSEA C2 MCLACHLAN_DENTAL_CARIES_DN
8	12.57	NULL	166	GSEA C2 VERHAAK_AML_WITH_NPM1_MUTATED_UP
9	12.33	NULL	269	Glioma ScoV_0.5_Sturm_C3_Mesenchymal_DN
10	12.15	NULL	102	Reference Signatures WSRT_EBV B−cells
11	11.58	NULL	78	Melanoma Tirosh_expression higher in CAFs than in T−cells
12	11.4	NULL	323	BP inflammatory response
13	10.99	NULL	187	HM HALLMARK_INFLAMMATORY_RESPONSE
14	10.89	NULL	173	Lymphoma Victora_Light zone signature
15	10.73	NULL	99	Reference Signatures Chaussabel_1,5_Myeloid lineage
16	10.68	NULL	85	Lymphoma Aukema_BCL2 DN_BCL6 UP
17	10.53	NULL	22	Lymphoma DAVE_NFkB BL DN
18	10.49	NULL	90	GSEA C2 BASSO_CD40_SIGNALING_UP
19	10.3	NULL	186	Cancer SPANG_LPS−index2
20	10.12	NULL	432	Chromatin states monocytes peripheral blood_3_TxFlnk
Underexpressed				
1	−9.63	NULL	282	Glioma WILLSCHER_GBM_Verhaak−PNwt & CL_up
2	−9.1	NULL	136	Reference Signatures Chaussabel_2,9_Cytosceleton
3	−7.98	NULL	966	GSEA C2 KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
4	−7.57	NULL	254	GSEA C2 DUTERTRE_ESTRADIOL_RESPONSE_24HR_UP
5	−7.3	NULL	42	GSEA C2 HUMMEL_BURKITTS_LYMPHOMA_UP
6	−7.19	NULL	400	GSEA C2 PUJANA_BRCA2_PCC_NETWORK
7	−7.16	NULL	1527	GSEA C2 PUJANA_BRCA1_PCC_NETWORK
8	−7.1	NULL	726	GSEA C2 PUJANA_CHEK2_PCC_NETWORK
9	−7.04	NULL	319	Melanoma Gerber_wt/wt_melanoma−cells−SpotA
10	−6.94	NULL	99	Lymphoma Sha_BL UP
11	−6.67	NULL	58	GSEA C2 TURASHVILI_BREAST_LOBULAR_CARCINOMA_VS_DUCTAL_
12	−6.62	NULL	192	Lymphoma Victora_Dark zone signature
13	−6.51	NULL	955	Lymphoma SPANG_BCR UP
14	−6.48	NULL	1338	GSEA C2 DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_UP
15	−6.4	NULL	160	GSEA C2 PUJANA_XPRSS_INT_NETWORK
16	−6.36	NULL	63	GSEA C2 ANASTASSIOU_CANCER_MESENCHYMAL_TRANSITION_SIGN
17	−6.33	NULL	169	GSEA C2 FUJII_YBX1_TARGETS_DN
18	−6.29	NULL	32	Reference Signatures Chaussabel_1,1_Plasma Cells
19	−6.25	NULL	250	GSEA C2 HORIUCHI_WTAP_TARGETS_DN
20	−6.21	NULL	321	GSEA C2 BLUM_RESPONSE_TO_SALIRASIB_DN

p−values