MPI−034

Global Summary

%DE = 0.03

genes with fdr < 0.2 = 352 (146 + / 206 −)

genes with fdr < 0.1 = 270 (121 + / 149 −)

genes with fdr < 0.05 = 212 (98 + / 114 −)

genes with fdr < 0.01 = 100 (51 + / 49 −)

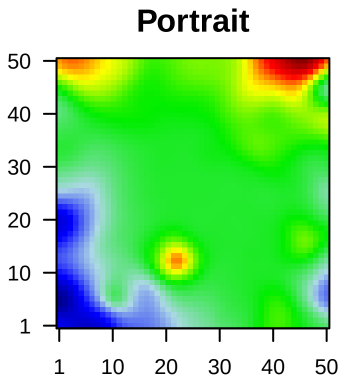
genes in genesets = 13152

<FC> = 0

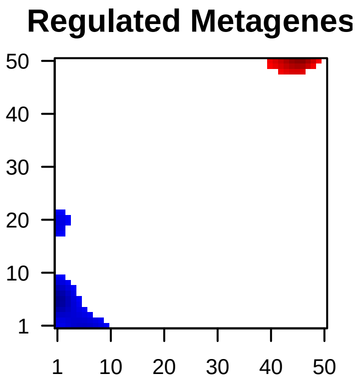
<t−score> = 0.14

<p−value> = 0.29

<fdr> = 0.97



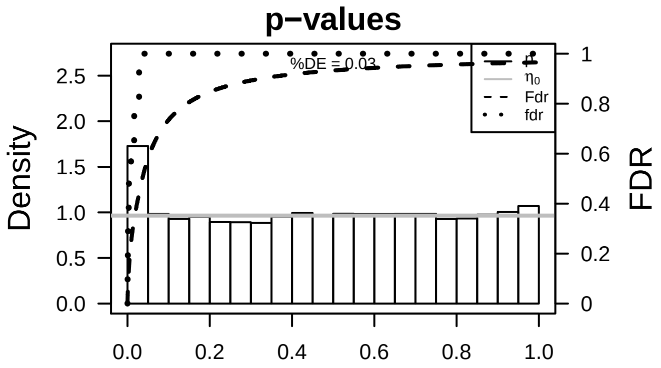
Portrait



Regulated Metagenes

Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	206413_s_at	2.55	2e−16	1e−12	43 x 49	T cell leukemia/lymphoma 1B [Source:HGNC Symbol;Acc:HG
2	207935_s_at	2.75	2e−16	1e−12	22 x 12	keratin 13 [Source:HGNC Symbol;Acc:HGNC:6415]
3	213240_s_at	2.92	2e−16	1e−12	22 x 12	keratin 4 [Source:HGNC Symbol;Acc:HGNC:6441]
4	214777_at	2.57	2e−16	1e−12	10 x 5	immunoglobulin kappa variable 4−1 [Source:HGNC Symbol;A
5	218990_s_at	2.32	2e−16	1e−12	22 x 12	small proline rich protein 3 [Source:HGNC Symbol;Acc:HGNC
6	219140_s_at	2.08	7e−14	9e−10	34 x 28	retinol binding protein 4 [Source:HGNC Symbol;Acc:HGNC:9
7	221671_x_at	0.83	8e−14	3e−09	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
8	211981_at	−1.43	2e−13	2e−08	9 x 0	collagen type IV alpha 1 chain [Source:HGNC Symbol;Acc:H
9	221651_x_at	0.78	1e−12	6e−08	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
10	205064_at	1.92	4e−12	6e−08	22 x 12	small proline rich protein 1B [Source:HGNC Symbol;Acc:HGN
11	213796_at	1.9	6e−12	9e−07	22 x 12	small proline rich protein 1A [Source:HGNC Symbol;Acc:HGN
12	220090_at	1.81	6e−11	9e−07	22 x 12	cornulin [Source:HGNC Symbol;Acc:HGNC:1230]
13	205185_at	1.8	9e−11	9e−07	22 x 12	serine peptidase inhibitor, Kazal type 5 [Source:HGNC Symb
14	201909_at	1.14	1e−10	1e−06	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc
15	211639_x_at	1.76	2e−10	1e−06	20 x 13	immunoglobulin heavy variable 4−34 [Source:HGNC Symbol;
16	214055_x_at	−1.04	2e−10	3e−06	49 x 8	proline rich coiled−coil 2C [Source:HGNC Symbol;Acc:HGNC
17	202286_s_at	1.74	4e−10	6e−06	22 x 12	tumor associated calcium signal transducer 2 [Source:HGNC
18	204998_s_at	−0.93	8e−10	6e−06	0 x 18	activating transcription factor 5 [Source:HGNC Symbol;Acc:H
19	209125_at	1.7	9e−10	7e−06	22 x 12	keratin 6A [Source:HGNC Symbol;Acc:HGNC:6443]
20	218677_at	1.67	2e−09	7e−06	21 x 12	S100 calcium binding protein A14 [Source:HGNC Symbol;Acc



p−values

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	15.52	NULL	105	Reference Signatures	WSRH_Mucosa
2	15.24	NULL	726	GSEA C2	PUJANA_CHEK2_PCC_NETWORK
3	14.48	NULL	966	GSEA C2	KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
4	14.32	NULL	1527	GSEA C2	PUJANA_BRCA1_PCC_NETWORK
5	13.93	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
6	13.63	NULL	99	Lymphoma	Sha_BL UP
7	12.85	NULL	46	GSEA C2	BOSCO_EPITHELIAL_DIFFERENTIATION_MODULE
8	12.46	NULL	280	GSEA C2	MANALO_HYPOXIA_DN
9	12.31	NULL	575	GSEA C2	CAIRO_HEPATOBLASTOMA_CLASSES_UP
10	12.24	NULL	400	GSEA C2	PUJANA_BRCA2_PCC_NETWORK
11	11.8	NULL	187	HM	HALLMARK_E2F_TARGETS
12	11.7	NULL	78	BP	cornification
13	11.51	NULL	115	Glioma	WILLSCHER_GBM_Verhaak−CL_up (C)
14	11.09	NULL	192	Lymphoma	Victora_Dark zone signature
15	10.98	NULL	42	GSEA C2	HUMMEL_BURKITTS_LYMPHOMA_UP
16	10.85	NULL	137	GSEA C2	ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER
17	10.84	NULL	14	Cancer	SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
18	10.83	NULL	439	GSEA C2	SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
19	10.69	NULL	72	BP	keratinization
20	10.67	NULL	431	GSEA C2	GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
Underexpressed					
1	−15.34	NULL	317	Cancer	SPANG_BCL6−index2
2	−12.79	NULL	85	Lymphoma	Sha_DLBCL UP
3	−12.38	NULL	335	GSEA C2	SCHUETZ_BREAST_CANCER_DUCTAL_INVASIVE_UP
4	−11.49	NULL	231	Glioma	WILLSCHER_GBM_Verhaak−CL & MES_up
5	−11.49	NULL	447	Glioma	ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
6	−11.09	NULL	269	Glioma	ScoV_0.5_Sturm_C3_Mesenchymal_DN
7	−11.03	NULL	190	HM	HALLMARK_TNFA_SIGNALING_VIA_NFKB
8	−10.4	NULL	432	Chromatin states	monocytes peripheral blood_3_TxFlnk
9	−9.89	NULL	186	Cancer	SPANG_LPS−index2
10	−9.72	NULL	288	Colon Cancer	Pentrack_CRC_TCGA_corr_J_msi−h_UP_mss_DN
11	−9.72	NULL	902	GSEA C2	CHEN_METABOLIC_SYNDROM_NETWORK
12	−9.68	NULL	202	GSEA C2	VERHAAK_GLIOBLASTOMA_MESENCHYMAL
13	−9.67	NULL	297	Colon Cancer	Pentrack_CRC_TCGA_group.over_B_msi−h_UP
14	−9.6	NULL	213	Lymphoma	SPANG_IL21 DN
15	−9.37	NULL	90	GSEA C2	BASSO_CD40_SIGNALING_UP
16	−9.08	NULL	589	GSEA C2	WONG_ADULT_TISSUE_STEM_MODULE
17	−9.05	NULL	104	GSEA C2	ALTEMEIER_RESPONSE_TO_LPS_WITH_MECHANICAL_VENT
18	−8.9	NULL	404	GSEA C2	RUTELLA_RESPONSE_TO_HGF_UP
19	−8.88	NULL	71	Melanoma	Tirosh_Macrophage specific genes−melanoma
20	−8.76	NULL	397	GSEA C2	REN_ALVEOLAR_RHABDOMYOSARCOMA_DN