MPI−113

Global Summary

%DE = 0.06

genes with fdr < 0.2 = 786 (374 + / 412 −)

genes with fdr < 0.1 = 562 (261 + / 301 −)

genes with fdr < 0.05 = 379 (174 + / 205 −)

genes with fdr < 0.01 = 271 (126 + / 145 −)

genes in genesets = 13152

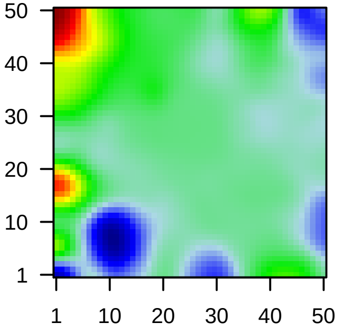
<FC> = 0

<t−score> = 0.08

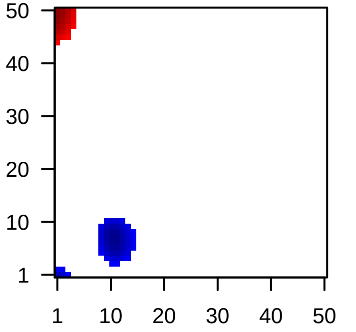
<p−value> = 0.24

<fdr> = 0.94

Portrait



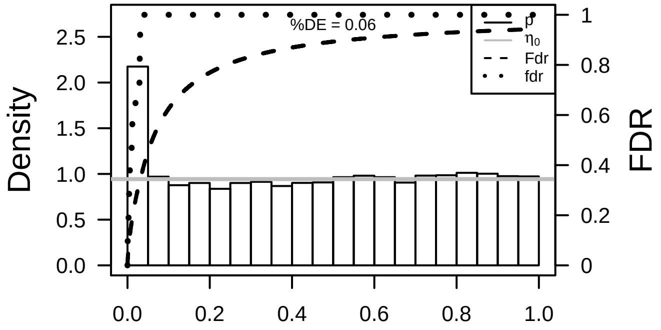
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	39729_at	−1.9	2e−16	3e−13	49 x 49	peroxiredoxin 2 [Source:HGNC Symbol;Acc:HGNC:9353]
2	200953_s_at	−1.71	2e−16	3e−13	0 x 3	cyclin D2 [Source:HGNC Symbol;Acc:HGNC:1583]
3	206413_s_at	2.1	2e−16	3e−13	43 x 49	T cell leukemia/lymphoma 1B [Source:HGNC Symbol;Acc:HG
4	209670_at	−1.19	2e−16	3e−13	10 x 9	T cell receptor alpha constant [Source:HGNC Symbol;Acc:H
5	210072_at	−1.48	2e−16	3e−13	0 x 2	C−C motif chemokine ligand 19 [Source:HGNC Symbol;Acc:
6	210551_s_at	2.21	2e−16	3e−13	1 x 17	acetylserotonin O−methyltransferase [Source:HGNC Symbol;
7	210915_x_at	−1.8	2e−16	3e−13	10 x 8	T cell receptor beta constant 1 [Source:HGNC Symbol;Acc:H
8	210972_x_at	−1.32	2e−16	3e−13	10 x 9	T cell receptor alpha constant [Source:HGNC Symbol;Acc:H
9	211658_at	−1.74	2e−16	3e−13	48 x 49	
10	211796_s_at	−1.95	2e−16	3e−13	10 x 9	T cell receptor beta constant 1 [Source:HGNC Symbol;Acc:H
11	212592_at	−1.96	2e−16	3e−13	45 x 49	joining chain of multimeric IgA and IgM [Source:HGNC Symb
12	213193_x_at	−1.55	2e−16	3e−13	10 x 8	T cell receptor beta constant 1 [Source:HGNC Symbol;Acc:H
13	213558_at	2.09	2e−16	3e−13	18 x 34	piccolo presynaptic cytomatrix protein [Source:HGNC Symbo
14	213757_at	−1.07	2e−16	3e−13	30 x 49	G protein pathway suppressor 2 [Source:HGNC Symbol;Acc:
15	215051_x_at	−1.38	2e−16	3e−13	9 x 9	allograft inflammatory factor 1 [Source:HGNC Symbol;Acc:H
16	217022_s_at	−1.52	2e−16	3e−13	0 x 2	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc
17	217092_x_at	−1.08	2e−16	3e−13	42 x 32	ribosomal protein L7 pseudogene 52 [Source:HGNC Symbol;
18	219109_at	−1.91	1e−15	2e−11	49 x 37	sperm associated antigen 16 [Source:HGNC Symbol;Acc:HG
19	206779_s_at	2.01	2e−15	3e−11	1 x 17	acetylserotonin O−methyltransferase [Source:HGNC Symbol;
20	213095_x_at	−1.4	4e−15	3e−11	9 x 9	allograft inflammatory factor 1 [Source:HGNC Symbol;Acc:H

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	9.25	NULL	966	GSEA C2	KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
2	9.18	NULL	353	Lymphoma	SPANG_CD40 6hrs DN
3	9.06	NULL	244	GSEA C2	KOBAYASHI_EGFR_SIGNALING_24HR_DN
4	8.86	NULL	4261	Lymphoma	HOPP_Txn_transition
5	8.41	NULL	319	Melanoma	Gerber_wt/wt_melanoma−cells−SpotA
6	7.92	NULL	439	GSEA C2	SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
7	7.6	NULL	6368	Colon Cancer	LaPointe_mucosa−position_kmeans_F_cecum colon_transverse c
8	7.11	NULL	187	HM	HALLMARK_E2F_TARGETS
9	7.02	NULL	254	GSEA C2	DUTERTRE_ESTRADIOL_RESPONSE_24HR_UP
10	7.02	NULL	85	Lymphoma	Sha_DLBCL UP
11	6.97	NULL	409	Cancer	Lembcke_Normal vs Adenoma
12	6.95	NULL	5529	Lymphoma	HOPP_Txn_elongation
13	6.75	NULL	195	HM	HALLMARK_G2M_CHECKPOINT
14	6.68	NULL	376	GSEA C2	GARY_CD5_TARGETS_UP
15	6.61	NULL	270	GSEA C2	FOURNIER_ACINAR_DEVELOPMENT_LATE_2
16	6.46	NULL	9	GSEA C2	RUNNE_GENDER_EFFECT_UP
17	6.46	NULL	226	GSEA C2	ZHANG_TLX_TARGETS_60HR_DN
18	6.45	NULL	1527	GSEA C2	PUJANA_BRCA1_PCC_NETWORK
19	6.42	NULL	115	Glioma	WILLSCHER_GBM_Verhaak−CL_up (C)
20	6.42	NULL	79	Melanoma	Tirosh_core cycling genes in low− and high−proliferation melanom
Underexpressed					
1	−14.22	NULL	15	Lymphoma	Care_Polarized immune response
2	−12.22	NULL	40	GSEA C2	FARMER_BREAST_CANCER_CLUSTER_1
3	−12.07	NULL	429	GSEA C2	SMID_BREAST_CANCER_NORMAL_LIKE_UP
4	−11.88	NULL	102	Reference Signatures	WIRTH_EBV B−cells
5	−9.63	NULL	62	Lymphoma	Monti_Host_response_cluster
6	−9.32	NULL	176	GSEA C2	PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
7	−9.31	NULL	68	Reference Signatures	Chaussabel_2,1_Cytotoxic cells
8	−9.08	NULL	39	BP	complement activation
9	−8.95	NULL	56	Pneumonia	Burnham_sep_vs_con_DN
10	−8.26	NULL	48	Pneumonia	Burnham_cap_fp_vs_con_DN
11	−8.26	NULL	516	GSEA C2	SMID_BREAST_CANCER_LUMINAL_B_DN
12	−8.13	NULL	44	MF	antigen binding
13	−8.12	NULL	33	Melanoma	Tirosh_T−cell specific genes−melanoma
14	−8.01	NULL	265	GSEA C2	WALLACE_PROSTATE_CANCER_RACE_UP
15	−7.85	NULL	9	GSEA C2	CHASSOT_SKIN_WOUND
16	−7.83	NULL	122	GSEA C2	TAKEDA_TARGETS_OF_NUP98_HOXA9_FUSION_8D_UP
17	−7.82	NULL	336	BP	immune response
18	−7.57	NULL	83	Melanoma	TCGA_melanoma_immune_high
19	−7.5	NULL	589	Colon Cancer	Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
20	−7.23	NULL	57	Pneumonia	Burnham_viral_UP