MPI−069

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 654 (331 + / 323 −)

genes with fdr < 0.1 = 443 (218 + / 225 −)

genes with fdr < 0.05 = 383 (188 + / 195 −)

genes with fdr < 0.01 = 222 (111 + / 111 −)

genes in genesets = 13152

<FC> = 0

<t−score> = 0.12

<p−value> = 0.25

<fdr> = 0.95

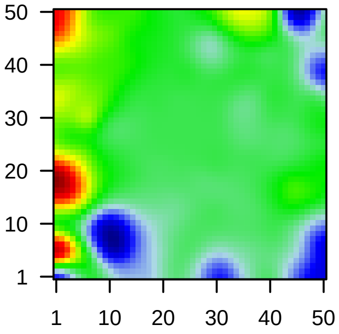
Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	201427_s_at	−1.54	2e−16	2e−13	47 x 37	selenoprotein P [Source:HGNC Symbol;Acc:HGNC:10751]
2	201597_at	−1.27	2e−16	2e−13	29 x 42	cytochrome c oxidase subunit 7A2 [Source:HGNC Symbol;Ac
3	201909_at	−1.37	2e−16	2e−13	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc:
4	204018_x_at	1.34	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
5	204891_s_at	−1.49	2e−16	2e−13	49 x 39	LCK proto−oncogene, Src family tyrosine kinase [Source:HGI
6	206150_at	−1.79	2e−16	2e−13	49 x 38	CD27 molecule [Source:HGNC Symbol;Acc:HGNC:11922]
7	209116_x_at	1.36	2e−16	2e−13	6 x 29	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
8	209458_x_at	1.31	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
9	209823_x_at	−1.22	2e−16	2e−13	2 x 8	major histocompatibility complex, class II, DQ beta 1 [Source:
10	210162_s_at	−1.59	2e−16	2e−13	0 x 24	nuclear factor of activated T cells 1 [Source:HGNC Symbol;A
11	211105_s_at	−1.53	2e−16	2e−13	46 x 40	nuclear factor of activated T cells 1 [Source:HGNC Symbol;A
12	211696_x_at	1.2	2e−16	2e−13	6 x 29	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
13	211699_x_at	1.45	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
14	211745_x_at	1.26	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN
15	213537_at	−1.5	2e−16	2e−13	9 x 10	major histocompatibility complex, class II, DP alpha 1 [Source
16	215176_x_at	−1.52	2e−16	2e−13	10 x 5	immunoglobulin kappa variable 1−39 (gene/pseudogene) [So
17	217022_s_at	−2.09	2e−16	2e−13	0 x 2	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc
18	217232_x_at	1.39	2e−16	2e−13	6 x 29	hemoglobin subunit beta [Source:HGNC Symbol;Acc:HGNC:
19	217249_x_at	−1.25	2e−16	2e−13	29 x 43	cytochrome c oxidase subunit 7A2 pseudogene 2 [Source:HG
20	217414_x_at	1.81	2e−16	2e−13	6 x 29	hemoglobin subunit alpha 2 [Source:HGNC Symbol;Acc:HGN

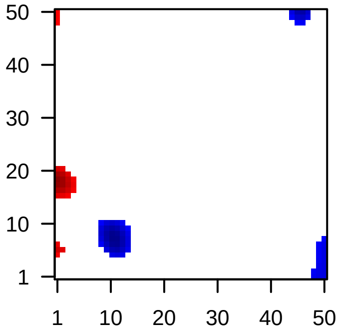
Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	11.24	NULL	585	Chr	Chr 7
2	8.69	NULL	85	Lymphoma	Sha_DLBCL UP
3	7.49	NULL	85	Lymphoma	Aukema_BCL2 DN_BCL6 UP
4	7.47	NULL	353	Lymphoma	SPANG_CD40 6hrs DN
5	7.21	NULL	173	Lymphoma	Victora_Light zone signature
6	6.64	NULL	18	Lymphoma	WRIGHT_ABC UP
7	6.44	NULL	14	GSEA C2	HUMMEL_BURKITTS_LYMPHOMA_DN
8	6.34	NULL	10	Lymphoma	MASCQUE_ABC UP
9	6.13	NULL	213	Lymphoma	SPANG_IL21 DN
10	6.04	NULL	7833	Chromatin states	Bcells peripheral blood_1_TssA
11	6.01	NULL	4261	Lymphoma	HOPP_Txn_transition
12	5.82	NULL	90	GSEA C2	BASSO_CD40_SIGNALING_UP
13	5.79	NULL	8406	Chromatin states	Bcells peripheral blood_2_TssAFlnk
14	5.63	NULL	3564	TF	ICGC_Taf1_targets
15	5.61	NULL	3451	TF	ICGC_Atf2_targets
16	5.54	NULL	3804	TF	ICGC_Stat5_targets
17	5.52	NULL	3150	TF	ICGC_Creb1_targets
18	5.43	NULL	12	Lymphoma	BENTINK_mBL DOWN
19	5.15	NULL	3420	TF	ICGC_Bclaf101388_targets
20	5.12	NULL	3769	TF	ICGC_Pmlsc71910_targets
Underexpressed					
1	−11.44	NULL	102	Reference Signatures	Wright_EBV B−cells
2	−10.02	NULL	12	MF	MHC class II receptor activity
3	−9.26	NULL	39	BP	complement activation
4	−8.67	NULL	17	BP	antigen processing and presentation of peptide or polysaccharide a
5	−8.43	NULL	18	CC	MHC class II protein complex
6	−8.27	NULL	22	MF	peptide antigen binding
7	−8.26	NULL	40	GSEA C2	FARMER_BREAST_CANCER_CLUSTER_1
8	−8.21	NULL	33	Melanoma	Tirosh_T−cell specific genes−melanoma
9	−8.1	NULL	23	CC	integral component of lumenal side of endoplasmic reticulum meml
10	−8.05	NULL	431	BP	immune system process
11	−8.02	NULL	669	Chr	Chr 6
12	−7.82	NULL	52	BP	complement activation, classical pathway
13	−7.23	NULL	67	GSEA C2	NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
14	−7.07	NULL	62	Lymphoma	Monti_Host_response_cluster
15	−6.78	NULL	8	GSEA C2	BIOCARTA_TCRA_PATHWAY
16	−6.71	NULL	56	Pneumonia	Burnham_sep_vs_con_DN
17	−6.7	NULL	53	BP	regulation of complement activation
18	−6.62	NULL	9	GSEA C2	RUNNE_GENDER_EFFECT_UP
19	−6.55	NULL	9	GSEA C2	REACTOME_TRANSLOCATION_OF_ZAP_70_TO_IMMUNOLOG
20	−6.45	NULL	113	BP	regulation of immune response

Portrait



Regulated Metagenes



p−values