MPI−152

Global Summary

%DE = 0.05

genes with fdr < 0.2 = 627 (419 + / 208 −)

genes with fdr < 0.1 = 414 (295 + / 119 −)

genes with fdr < 0.05 = 341 (253 + / 88 −)

genes with fdr < 0.01 = 195 (159 + / 36 −)

genes in genesets = 13152

<FC> = 0

<t−score> = 0.15

<p−value> = 0.26

<fdr> = 0.95

Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	206023_at	2.03	2e−16	5e−13	33 x 46	neuromedin U [Source:HGNC Symbol;Acc:HGNC:7859]
2	207534_at	1.94	2e−16	5e−13	1 x 16	MAGE family member B1 [Source:HGNC Symbol;Acc:HGNC
3	210551_s_at	2.2	2e−16	5e−13	1 x 17	acetylserotonin O−methyltransferase [Source:HGNC Symbol;
4	211430_s_at	1.2	2e−16	5e−13	0 x 4	immunoglobulin heavy constant gamma 2 (G2m marker) [Sou
5	211644_x_at	1.95	2e−16	5e−13	0 x 1	immunoglobulin kappa variable 3−20 [Source:HGNC Symbol;
6	214669_x_at	0.96	2e−16	5e−13	0 x 3	
7	216984_x_at	1.92	2e−16	5e−13	10 x 5	
8	221651_x_at	0.9	2e−16	5e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
9	221671_x_at	0.87	2e−16	5e−13	0 x 3	immunoglobulin kappa constant [Source:HGNC Symbol;Acc:
10	209374_s_at	0.83	4e−16	5e−12	0 x 22	immunoglobulin heavy constant mu [Source:HGNC Symbol;A
11	216401_x_at	1.87	4e−16	5e−12	10 x 5	immunoglobulin kappa variable 1−37 (non−functional) [Sourc
12	219360_s_at	1.87	4e−16	5e−12	0 x 20	transient receptor potential cation channel subfamily M memb
13	215176_x_at	1.31	7e−16	9e−12	10 x 5	immunoglobulin kappa variable 1−39 (gene/pseudogene) [So
14	217022_s_at	1.23	1e−15	9e−12	0 x 2	immunoglobulin heavy constant alpha 2 (A2m marker) [Sourc
15	202274_at	1.6	2e−15	2e−11	0 x 4	actin, gamma 2, smooth muscle, enteric [Source:HGNC Syml
16	217281_x_at	1.82	3e−15	1e−10	10 x 5	immunoglobulin heavy variable 3−7 [Source:HGNC Symbol;A
17	201909_at	−1.15	7e−15	2e−10	43 x 49	ribosomal protein S4, Y−linked 1 [Source:HGNC Symbol;Acc:
18	211634_x_at	1.76	2e−14	4e−09	10 x 5	immunoglobulin heavy variable 1−69 [Source:HGNC Symbol;
19	203980_at	1.69	2e−13	7e−09	43 x 47	fatty acid binding protein 4 [Source:HGNC Symbol;Acc:HGNC
20	212827_at	0.76	5e−13	1e−08	41 x 44	immunoglobulin heavy constant mu [Source:HGNC Symbol;A

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	19.61	NULL	52	BP	complement activation, classical pathway
2	19.3	NULL	44	MF	antigen binding
3	18.32	NULL	589	Colon Cancer	Lembcke_TCGA−expr_kmeans_E_CIMP.H_UP_Cluster4_DN
4	17.11	NULL	447	Glioma	ScoV_0.999_Sturm_E4_Mesenchymal_RTK I 'PDGFRA'_DN
5	17.05	NULL	39	BP	complement activation
6	15.64	NULL	431	BP	immune system process
7	15.43	NULL	85	Lymphoma	Sha_DLBCL UP
8	15.36	NULL	53	BP	regulation of complement activation
9	14.87	NULL	223	GSEA C2	MCLACHLAN_DENTAL_CARIES_UP
10	14.85	NULL	102	Reference Signatures	WIRTH_EBV B−cells
11	14.53	NULL	336	BP	immune response
12	14.35	NULL	161	BP	adaptive immune response
13	14.06	NULL	32	Reference Signatures	Chang_subset_1,1_Plasma Cells
14	13.97	NULL	480	Cancer	Lembcke_Colonic Inflammation
15	13.69	NULL	219	GSEA C2	MCLACHLAN_DENTAL_CARIES_DN
16	13.31	NULL	317	Cancer	SPANG_BCL6−index2
17	13.25	NULL	429	GSEA C2	SMID_BREAST_CANCER_NORMAL_LIKE_UP
18	12.94	NULL	16	MF	immunoglobulin receptor binding
19	12.93	NULL	67	GSEA C2	NAKAYAMA_SOFT_TISSUE_TUMORS_PCA1_UP
20	12.72	NULL	116	CC	blood microparticle
Underexpressed					
1	−11.03	NULL	7225	Chromatin states	Overlap_fetal_midbrain_ReprPC
2	−10.04	NULL	5456	Chromatin states	5_Tx_Neuronal_Progenitor
3	−9.08	NULL	6997	Chromatin states	Overlap_fetal_midbrain_K9K27me3
4	−8.95	NULL	575	GSEA C2	CAIRO_HEPATOBLASTOMA_CLASSES_UP
5	−8.91	NULL	4683	Chromatin states	Overlap_fetal_midbrain_HetRpts
6	−8.61	NULL	5529	Lymphoma	HOPP_Txn_elongation
7	−8.45	NULL	6068	Chromatin states	4_Tx_ESC_Endoderm
8	−8.1	NULL	9160	Chromatin states	2_TssA_Neuronal_Progenitor
9	−8.07	NULL	8641	Chromatin states	1_TssA_ESC_Endoderm
10	−7.98	NULL	3007	Chromatin states	14_ZNF_Neuronal_Progenitor
11	−7.79	NULL	1578	TF	ICGC_GabpPcr2_targets
12	−7.68	NULL	4528	Chromatin states	T CD8+ naive cells peripheral blood_4_Tx
13	−7.55	NULL	6244	Chromatin states	15_Quies_Fibroblasts
14	−7.51	NULL	6034	Chromatin states	5_Tx_Fibroblasts
15	−7.49	NULL	3554	Chromatin states	8_ZNF_Rpts_ESC_Endoderm
16	−7.47	NULL	7489	Chromatin states	monocytes peripheral blood_5_TxWk
17	−7.47	NULL	1527	GSEA C2	PUJANA_BRCA1_PCC_NETWORK
18	−7.4	NULL	9	GSEA C2	RUNNE_GENDER_EFFECT_UP
19	−7.39	NULL	6099	Chromatin states	HSC_4_Tx
20	−7.23	NULL	6679	Chromatin states	5_Tx_Melanocytes