

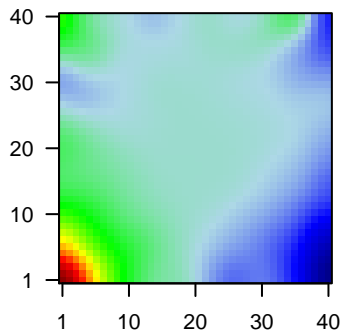
02.4535.001_nH

Global Summary

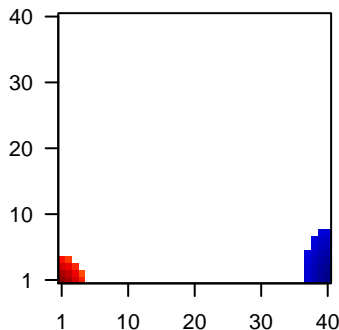
%DE = 0.27
 # genes with fdr < 0.2 = 5058 (2384 + / 2674 -)
 # genes with fdr < 0.1 = 4629 (2209 + / 2420 -)
 # genes with fdr < 0.05 = 4494 (2152 + / 2342 -)
 # genes with fdr < 0.01 = 3722 (1837 + / 1885 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0
 <fdr> = 0.73

Profile



Regulated Spots



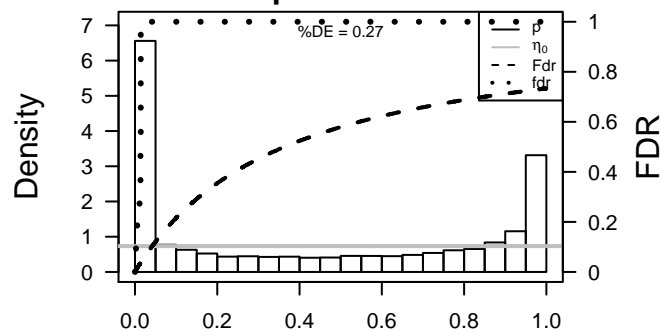
Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG00000001	-0.21	2e-16	2e-15	40 x 8 aurora kinase A interacting protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]
2	ENSG00000001	0.31	2e-16	2e-15	3 x 2 phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit type 1 [Source:HGNC Symbol;Acc:HGNC:10000]
3	ENSG00000000	0.31	2e-16	2e-15	2 x 1 tumor necrosis factor receptor superfamily, member 1B [Source:HGNC Symbol;Acc:HGNC:10000]
4	ENSG00000001	-0.16	2e-16	2e-15	33 x 1 filamin binding LIM protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]
5	ENSG00000001	-0.17	2e-16	2e-15	38 x 6 EPH receptor A2 [Source:HGNC Symbol;Acc:HGNC:3386]
6	ENSG00000001	-0.17	2e-16	2e-15	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:10000]
7	ENSG00000001	-0.22	2e-16	2e-15	25 x 1 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde reductase) [Source:HGNC Symbol;Acc:HGNC:10000]
8	ENSG00000001	-0.16	2e-16	2e-15	25 x 1 ring finger protein 186 [Source:HGNC Symbol;Acc:HGNC:25100]
9	ENSG00000001	-0.35	2e-16	2e-15	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:10000]
10	ENSG00000001	-0.21	2e-16	2e-15	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:10000]
11	ENSG00000001	-0.18	2e-16	2e-15	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
12	ENSG00000001	0.18	2e-16	2e-15	1 x 9 heterochromatin protein 1, binding protein 3 [Source:HGNC Symbol;Acc:HGNC:10000]
13	ENSG00000002	-0.17	2e-16	2e-15	40 x 10 transcription elongation factor A (SII), 3 [Source:HGNC Symbol;Acc:HGNC:10000]
14	ENSG00000001	0.21	2e-16	2e-15	34 x 40 ribosomal protein L11 [Source:HGNC Symbol;Acc:HGNC:10000]
15	ENSG00000001	-0.2	2e-16	2e-15	40 x 7 UDP-galactose-4-epimerase [Source:HGNC Symbol;Acc:HGNC:10000]
16	ENSG00000001	-0.18	2e-16	2e-15	37 x 2 interleukin 22 receptor, alpha 1 [Source:HGNC Symbol;Acc:HGNC:10000]
17	ENSG00000000	0.34	2e-16	2e-15	3 x 1 runt-related transcription factor 3 [Source:HGNC Symbol;Acc:HGNC:10000]
18	ENSG00000001	0.79	2e-16	2e-15	1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
19	ENSG00000001	0.16	2e-16	2e-15	3 x 8 AT rich interactive domain 1A (SWI-like) [Source:HGNC Symbol;Acc:HGNC:10000]
20	ENSG00000001	-0.36	2e-16	2e-15	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]

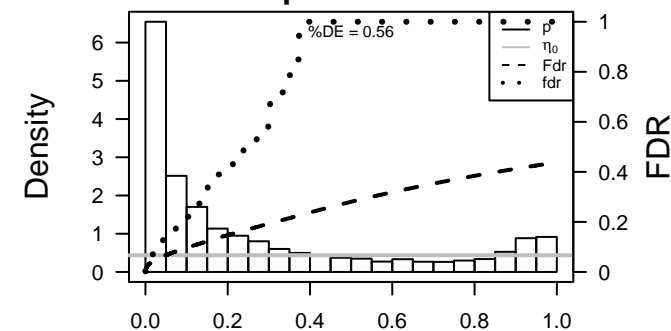
Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	38.38	0e+00	427	Tissue WIRTH_Immune system
2	35.09	0e+00	844	Colon Cancer Lembecke_TCGA-expr_kmeans_E_CIMP.H_UP_Cluster4_DN
3	30.97	0e+00	436	GSEA C2SMID_BREAST_CANCER_NORMAL_LIKE_UP
4	28.27	0e+00	1340	GSEA C2PUJANA_ATM_PCC_NETWORK
5	27.97	0e+00	175	GSEA C2LEE_DIFFERENTIATING_T_LYMPHOCYTE
6	26.38	0e+00	263	GSEA C2WALLACE_PROSTATE_CANCER_RACE_UP
7	25.65	1e-06	574	Cancer Lembecke_Colonc Inflammation
8	25.27	1e-06	5643	Lymphoma Lymphoma_OPP_Txn_transition
9	20.94	1e-05	51	GSEA C2MORI_LARGE_PRE_BIL_LYMPHOCYTE_DN
10	20.77	1e-05	246	GSEA C2QI_PLASMACYTOMA_UP
11	20.71	1e-05	16	CC MHC class II protein complex
12	20.68	1e-05	7592	Lymphoma Lymphoma_OPP_Strong_enhancer
13	20.68	1e-05	53	GSEA C2KLEIN_PRIMARY_EFFUSION_LYMPHOMA_DN
14	20.52	1e-05	9	GSEA C2MILICIC_FAMILIAL_ADENOMATOUS_POLYPOSIS_DN
15	19.92	1e-05	220	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
16	19.82	2e-05	181	HM HALLMARK_ALLOGRAFT_REJECTION
17	19.68	2e-05	208	Tissue PALMER_B-Cell signature UP
18	19.44	2e-05	87	GSEA C2BASSO_CD40_SIGNALING_UP
19	18.89	2e-05	368	GSEA C2LINDGREN_BLADDER_CANCER_CLUSTER_2B
20	18.88	2e-05	259	GSEA C2POOLA_INVASIVE_BREAST_CANCER_UP
<i>Underexpressed</i>				
1	-17.88	2e-05	251	GSEA C2NAMUNYOKOLI_OVARIAN_CANCER_LMP_UP
2	-16.34	2e-05	429	GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL_UP
3	-15.76	3e-05	126	GSEA C2VECHLI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN
4	-15.63	3e-05	643	Colon Cancer Lembecke_TCGA_meth_kmeans_E_CIMP.H_DN
5	-14.28	4e-05	132	GSEA C2NAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_UP
6	-13.42	4e-05	688	Colon Cancer Lembecke_TCGA-expr_kmeans_L_CIMP.H_UP_Cluster4_DN
7	-13.32	4e-05	412	GSEA C2JIM_MAMMARY_STEM_CELL_DN
8	-13.21	4e-05	1418	BP small molecule metabolic process
9	-13.08	4e-05	144	Lymphoma WIRTH_Lymphoma937_spot G
10	-12.94	5e-05	5039	Lymphoma Lymphoma_OPP_Repressed
11	-12.74	5e-05	222	GSEA C2COLDREN_GEFITINIB_RESISTANCE_DN
12	-12.46	6e-05	142	Lymphoma Lymphoma_OPP_June14_MMMML937_tumors+controls_group.overexpression
13	-12.05	7e-05	425	CC mitochondrial inner membrane
14	-11.84	8e-05	682	GSEA C2CREIGHTON_ENDOCRINE_THERAPY_RESISTANCE_3
15	-11.21	1e-04	115	GSEA C2CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP
16	-10.93	1e-04	137	Tissue WIRTH_Mucosa
17	-10.9	1e-04	248	GSEA C2JAEGER_METASTASIS_DN
18	-10.76	1e-04	455	GSEA C2ONDER_CDH1_TARGETS_2_DN
19	-10.75	1e-04	616	Colon Cancer Lembecke_TCGA-expr_kmeans_L_CIMP.H_DN
20	-10.72	1e-04	1441	CC mitochondrion

p-values



p-values



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Local Summary

%DE = 1
 # metagenes = 13
 # genes = 262
 # genes in genesets = 257

 # genes with $fdr < 0.1$ = 260 (260 + / 0 -)
 # genes with $fdr < 0.05$ = 260 (260 + / 0 -)
 # genes with $fdr < 0.01$ = 260 (260 + / 0 -)

<r> metagenes = 0.99

<r> genes = 0.77

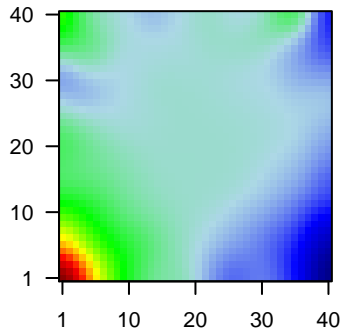
<FC> = 0.39

<t-score> = 8

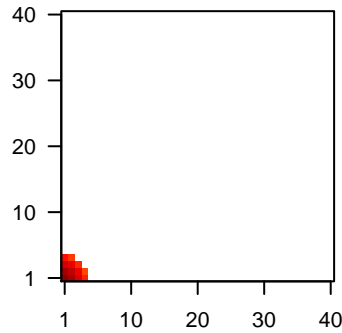
<p-value> = 0

<fdr> = 0

Profile



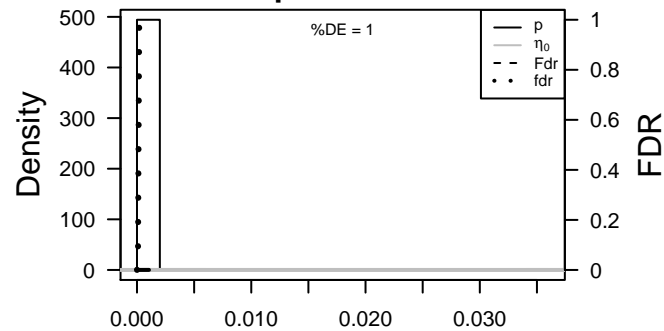
Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG0000001	0.31	2e-16	9e-19	3 x 2 phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic su
2	ENSG0000000	0.31	2e-16	9e-19	2 x 1 tumor necrosis factor receptor superfamily, member 1B [Sour
3	ENSG0000000	0.34	2e-16	9e-19	3 x 1 runt-related transcription factor 3 [Source:HGNC Symbol;Acc
4	ENSG0000001	0.79	2e-16	9e-19	1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
5	ENSG0000001	0.71	2e-16	9e-19	1 x 1 lysosomal protein transmembrane 5 [Source:HGNC Symbol;/
6	ENSG0000001	0.4	2e-16	9e-19	1 x 1 LCK proto-oncogene, Src family tyrosine kinase [Source:HGI
7	ENSG0000000	0.43	2e-16	9e-19	1 x 1 small ArfGAP2 [Source:HGNC Symbol;Acc:HGNC:25082]
8	ENSG0000001	0.36	2e-16	9e-19	1 x 4 Janus kinase 1 [Source:HGNC Symbol;Acc:HGNC:6190]
9	ENSG0000001	0.39	2e-16	9e-19	1 x 3 vascular cell adhesion molecule 1 [Source:HGNC Symbol;Acc
10	ENSG0000001	0.71	2e-16	9e-19	1 x 1 CD53 molecule [Source:HGNC Symbol;Acc:HGNC:1686]
11	ENSG0000000	0.43	2e-16	9e-19	4 x 1 chitinase 3-like 2 [Source:HGNC Symbol;Acc:HGNC:1933]
12	ENSG0000001	0.51	2e-16	9e-19	1 x 1 CD2 molecule [Source:HGNC Symbol;Acc:HGNC:1639]
13	ENSG0000001	0.36	2e-16	9e-19	1 x 3 CDC42 small effector 1 [Source:HGNC Symbol;Acc:HGNC:1
14	ENSG0000001	0.4	2e-16	9e-19	3 x 1 Fc receptor-like 3 [Source:HGNC Symbol;Acc:HGNC:18506]
15	ENSG0000001	0.36	2e-16	9e-19	4 x 1 Fc receptor-like 2 [Source:HGNC Symbol;Acc:HGNC:14875]
16	ENSG0000001	0.41	2e-16	9e-19	1 x 2 Fc receptor-like 1 [Source:HGNC Symbol;Acc:HGNC:18509]
17	ENSG0000001	0.5	2e-16	9e-19	1 x 1 CD1c molecule [Source:HGNC Symbol;Acc:HGNC:1636]
18	ENSG0000001	0.44	2e-16	9e-19	1 x 3 interferon, gamma-inducible protein 16 [Source:HGNC Symb
19	ENSG0000001	0.33	2e-16	9e-19	1 x 2 SLAM family member 6 [Source:HGNC Symbol;Acc:HGNC:2
20	ENSG0000001	0.65	2e-16	9e-19	1 x 1 CD48 molecule [Source:HGNC Symbol;Acc:HGNC:1683]

p-values



02.4535.001_nH

Local Summary

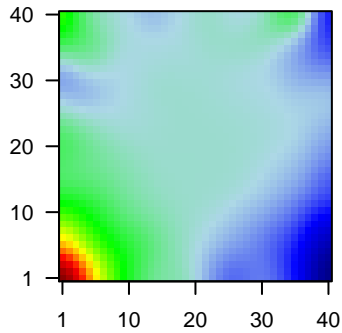
%DE = 0.97
 # metagenes = 28
 # genes = 477
 # genes in genesets = 470

 # genes with $fdr < 0.1$ = 456 (11 + / 445 -)
 # genes with $fdr < 0.05$ = 456 (11 + / 445 -)
 # genes with $fdr < 0.01$ = 450 (10 + / 440 -)

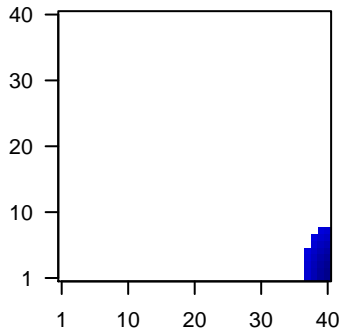
$\langle r \rangle$ metagenes = 0.95
 $\langle r \rangle$ genes = 0.59

 $\langle FC \rangle = -0.2$
 $\langle t\text{-score} \rangle = -3.96$
 $\langle p\text{-value} \rangle = 0$
 $\langle fdr \rangle = 0.05$

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.21	2e-16	1e-17	40 x 8 aurora kinase A interacting protein 1 [Source:HGNC Symbol;]
2	ENSG0000001	-0.17	2e-16	1e-17	38 x 6 EPH receptor A2 [Source:HGNC Symbol;Acc:HGNC:3386]
3	ENSG0000001	-0.17	2e-16	1e-17	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;A]
4	ENSG0000001	-0.21	2e-16	1e-17	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [S]
5	ENSG0000001	-0.18	2e-16	1e-17	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
6	ENSG0000001	-0.2	2e-16	1e-17	40 x 7 UDP-galactose-4-epimerase [Source:HGNC Symbol;Acc:H]
7	ENSG0000001	-0.18	2e-16	1e-17	37 x 2 interleukin 22 receptor, alpha 1 [Source:HGNC Symbol;Acc:H]
8	ENSG0000001	-0.36	2e-16	1e-17	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
9	ENSG0000001	-0.3	2e-16	1e-17	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:232]
10	ENSG0000001	-0.23	2e-16	1e-17	40 x 5 KIAA1522 [Source:HGNC Symbol;Acc:HGNC:29301]
11	ENSG0000001	-0.42	2e-16	1e-17	40 x 1 transmembrane protein 54 [Source:HGNC Symbol;Acc:HGNC]
12	ENSG0000001	-0.19	2e-16	1e-17	40 x 6 transmembrane protein 125 [Source:HGNC Symbol;Acc:HGNC]
13	ENSG0000002	-0.23	2e-16	1e-17	38 x 2 chromosome 1 open reading frame 210 [Source:HGNC Synt
14	ENSG0000001	-0.41	2e-16	1e-17	40 x 1 tetraspanin 1 [Source:HGNC Symbol;Acc:HGNC:20657]
15	ENSG0000001	-0.19	2e-16	1e-17	40 x 7 fatty acid amide hydrolase [Source:HGNC Symbol;Acc:HGNC]
16	ENSG0000001	-0.22	2e-16	1e-17	40 x 5 24-dehydrocholesterol reductase [Source:HGNC Symbol;Acc]
17	ENSG0000001	-0.33	2e-16	1e-17	40 x 3 EPS8-like 3 [Source:HGNC Symbol;Acc:HGNC:21297]
18	ENSG0000001	-0.29	2e-16	1e-17	37 x 1 ras homolog family member C [Source:HGNC Symbol;Acc:H]
19	ENSG0000001	-0.24	2e-16	1e-17	40 x 4 ATPase, Na+/K+ transporting, alpha 1 polypeptide [Source:H]
20	ENSG0000001	-0.17	2e-16	1e-17	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial)

p-values

