

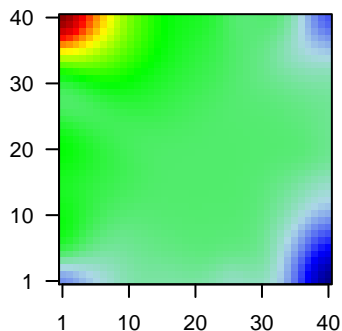
04.3047.001_nH

Global Summary

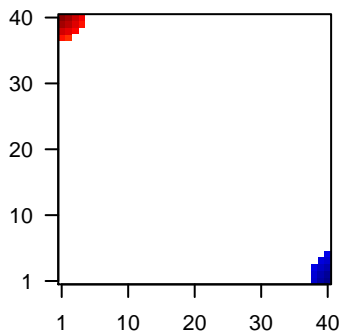
%DE = 0.24
 # genes with $fdr < 0.2$ = 4491 (2158 + / 2333 -)
 # genes with $fdr < 0.1$ = 4019 (1947 + / 2072 -)
 # genes with $fdr < 0.05$ = 3663 (1779 + / 1884 -)
 # genes with $fdr < 0.01$ = 3071 (1497 + / 1574 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0.01
 <fdr> = 0.76

Profile



Regulated Spots



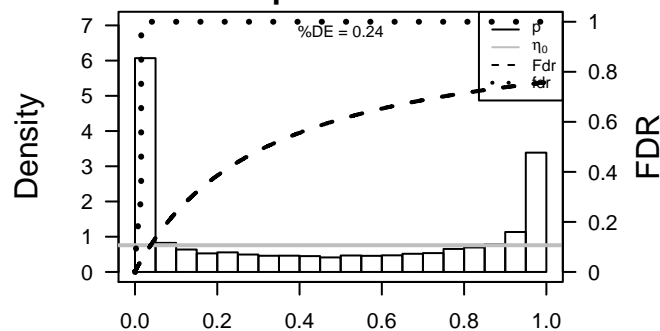
Global Genelist

Rank	ID	log(FC)	fdr	Description
		p-value	Metagene	
1	ENSG00000001	-0.27	2e-16	3e-15 36 x 4 ISG15 ubiquitin-like modifier [Source:HGNC Symbol;Acc:HGNC:10000]
2	ENSG00000000	0.31	2e-16	3e-15 6 x 38 period circadian clock 3 [Source:HGNC Symbol;Acc:HGNC:80000]
3	ENSG00000000	0.25	2e-16	3e-15 7 x 37 urotensin 2 [Source:HGNC Symbol;Acc:HGNC:12636]
4	ENSG00000001	0.29	2e-16	3e-15 7 x 38 mitofusin 2 [Source:HGNC Symbol;Acc:HGNC:16877]
5	ENSG00000001	-0.31	2e-16	3e-15 38 x 5 EF-hand domain family, member D2 [Source:HGNC Symbol;Acc:HGNC:10000]
6	ENSG00000001	0.31	2e-16	3e-15 3 x 40 heat shock 27kDa protein family, member 7 (cardiovascular) [Source:HGNC Symbol;Acc:HGNC:10000]
7	ENSG00000001	-0.28	2e-16	3e-15 39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:10000]
8	ENSG00000001	-0.26	2e-16	3e-15 25 x 1 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde dehydrogenase) [Source:HGNC Symbol;Acc:HGNC:10000]
9	ENSG00000001	-0.28	2e-16	3e-15 40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:10000]
10	ENSG00000001	-0.29	2e-16	3e-15 38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
11	ENSG00000001	0.25	2e-16	3e-15 1 x 35 heparan sulfate proteoglycan 2 [Source:HGNC Symbol;Acc:HGNC:10000]
12	ENSG00000000	-0.32	2e-16	3e-15 40 x 6 lysophospholipase II [Source:HGNC Symbol;Acc:HGNC:673]
13	ENSG00000001	-0.36	2e-16	3e-15 38 x 1 fucosidase, alpha-L-1, tissue [Source:HGNC Symbol;Acc:HGNC:10000]
14	ENSG00000001	0.6	2e-16	3e-15 1 x 40 chloride intracellular channel 4 [Source:HGNC Symbol;Acc:HGNC:10000]
15	ENSG00000001	-0.73	2e-16	3e-15 40 x 3 SH3 domain binding glutamate-rich protein like 3 [Source:HGNC Symbol;Acc:HGNC:10000]
16	ENSG00000001	-0.25	2e-16	3e-15 38 x 7 UBX domain protein 11 [Source:HGNC Symbol;Acc:HGNC:30000]
17	ENSG00000001	-0.49	2e-16	3e-15 1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
18	ENSG00000001	-0.33	2e-16	3e-15 39 x 4 ribosomal protein S6 kinase, 90kDa, polypeptide 1 [Source:HGNC Symbol;Acc:HGNC:10000]
19	ENSG00000001	-0.86	2e-16	3e-15 40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
20	ENSG00000001	0.27	2e-16	3e-15 6 x 40 family with sequence similarity 46, member B [Source:HGNC Symbol;Acc:HGNC:10000]

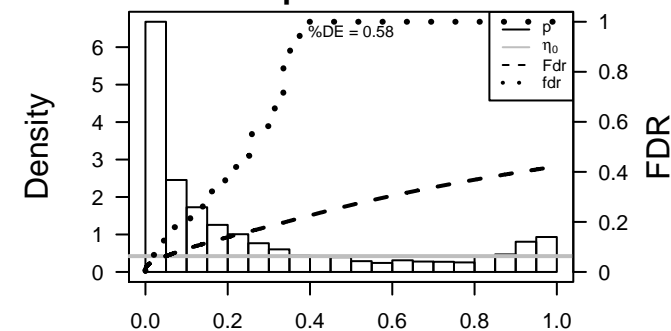
Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	32.25	0e+00	132	Colon Cancer
2	27.48	9e-04	16	Cancer LIU_PROSTATE_CANCER_DN
3	22.16	7e-06	22	GSEA C2REACTOME_SMOOTH_MUSCLE_CONTRACTION
4	21.2	1e-05	478	GSEA C2LIM_MAMMARY_STEM_CELL_UP
5	20.83	1e-05	18	GSEA C2NIELSEN_LEIOMYOSARCOMA_CNN1_UP
6	20.43	1e-05	40	GSEA C2TOMLINS_PROSTATE_CANCER_DN
7	19.13	2e-05	160	GSEA C2BERTUCCI_MEDULLARY_VS_DUCTAL_BREAST_CANCER_DN
8	17.99	2e-05	303	GSEA C2PASINI_SUZ12_TARGETS_DN
9	17.85	2e-05	44	GSEA C2REACTOME_MUSCLE_CONTRACTION
10	17.78	2e-05	6320	Brain Overlap_fetal_midbrain_HetRpts
11	17.56	2e-05	10239	Brain Overlap_fetal_midbrain_ReprPC
12	17.19	2e-05	40	GSEA C2PAPSPYRIDONOS_UNSTABLE_ATEROSCLEROTIC_PLAQUE
13	16.96	2e-05	294	GSEA C2ACEVEDO_FGFR1_TARGETS_IN_PROSTATE_CANCER_MODE
14	16.45	2e-05	10278	Brain Overlap_fetal_midbrain_ReprPCWk
15	16.33	2e-05	105	BP muscle contraction
16	15.82	3e-05	196	GSEA C2PICCALUGA_ANGIOIMMUNOBLASTIC_LYMPHOMA_UP
17	15.49	3e-05	399	Disease GUDJ_poriasis down
18	15.46	3e-05	445	GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL
19	15.26	3e-05	368	GSEA C2LINDGREN_BLADDER_CANCER_CLUSTER_2B
20	14.95	3e-05	198	HM HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
<i>Underexpressed</i>				
1	-19.25	2e-05	251	GSEA C2WAMUNYOKOLI_OVARIAN_CANCER_LMP_UP
2	-17.49	2e-05	429	GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL
3	-16.35	2e-05	608	Disease GUDJ_poriasis up
4	-16.31	2e-05	455	GSEA C2ZONDER_CDH1_TARGETS_2_DN
5	-15.06	3e-05	412	GSEA C2LIM_MAMMARY_STEM_CELL_DN
6	-15.05	3e-05	126	GSEA C2VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN
7	-14.85	3e-05	222	GSEA C2ZOLDREN_GEFITINIB_RESISTANCE_DN
8	-14.72	3e-05	104	Colon Cancer track_CRC_TCGA_group.over_A_normal_UP
9	-14.69	3e-05	643	Colon Cancer becke_TCGA_meth_kmeans_L_CIMP_H_DN
10	-14.24	4e-05	115	GSEA C2CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP
11	-14.11	4e-05	144	Lymphoma WIRTH_lymphoma937_spot G
12	-13.77	4e-05	132	GSEA C2WAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_UP
13	-13.37	4e-05	142	Lymphoma hopp_June14_MMML937_tumors+controls_group.overexpression
14	-13.34	4e-05	110	Colon Cancer Marsa_CRC-cluster-h
15	-12.68	6e-05	174	GSEA C2L1_AMPLIFIED_IN_LUNG_CANCER
16	-11.73	8e-05	109	GSEA C2LIEN_BREAST_CARCINOMA_METAPLASTIC_VS_DUCTAL_DN
17	-11.43	1e-04	259	GSEA C2POOLA_INVASIVE_BREAST_CANCER_UP
18	-11.43	1e-04	220	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
19	-11.28	1e-04	400	GSEA C2VECCHI_GASTRIC_CANCER_EARLY_UP
20	-11.24	1e-04	688	Colon Cancer becke_TCGA-expr_kmeans_L_CIMP_H_UP_Cluster4_DN

p-values



p-values



04.3047.001_nH

Local Summary

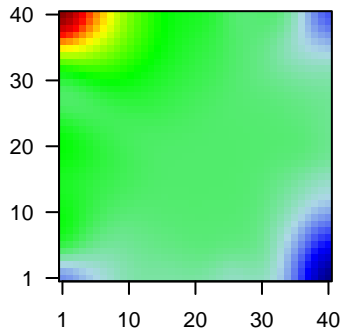
%DE = 1
 # metagenes = 13
 # genes = 258
 # genes in genesets = 255

 # genes with $fdr < 0.1$ = 256 (256 + / 0 -)
 # genes with $fdr < 0.05$ = 256 (256 + / 0 -)
 # genes with $fdr < 0.01$ = 256 (256 + / 0 -)

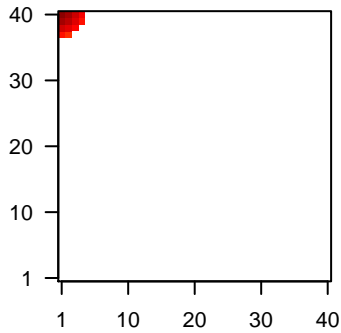
<r> metagenes = 1
 <r> genes = 0.81

 <FC> = 0.59
 <t-score> = 12.03
 <p-value> = 0
 <fdr> = 0

Profile



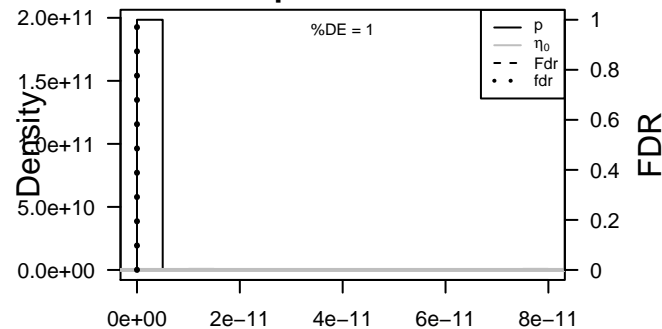
Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG0000001	0.31	2e-16	9e-19	3 x 40 heat shock 27kDa protein family, member 7 (cardiovascular) [
2	ENSG0000001	0.6	2e-16	9e-19	1 x 40 chloride intracellular channel 4 [Source:HGNC Symbol;Acc:H
3	ENSG0000001	0.46	2e-16	9e-19	4 x 40 syndecan 3 [Source:HGNC Symbol;Acc:HGNC:10660]
4	ENSG0000001	0.44	2e-16	9e-19	4 x 40 wntless Wnt ligand secretion mediator [Source:HGNC Symbc
5	ENSG0000001	0.57	2e-16	9e-19	1 x 40 nexilin (F actin binding protein) [Source:HGNC Symbol;Acc:H
6	ENSG0000001	0.25	2e-16	9e-19	1 x 38 cysteine-rich, angiogenic inducer, 61 [Source:HGNC Symbol
7	ENSG0000001	0.51	2e-16	9e-19	2 x 40 olfactomedin-like 3 [Source:HGNC Symbol;Acc:HGNC:2495f
8	ENSG0000000	0.38	2e-16	9e-19	2 x 38 cold shock domain containing E1, RNA-binding [Source:HGNC
9	ENSG0000001	0.68	2e-16	9e-19	1 x 40 tetraspanin 2 [Source:HGNC Symbol;Acc:HGNC:20659]
10	ENSG0000001	0.49	2e-16	9e-19	1 x 40 calsequestrin 2 (cardiac muscle) [Source:HGNC Symbol;Acc:
11	ENSG0000001	0.47	2e-16	9e-19	4 x 40 prostaglandin F2 receptor inhibitor [Source:HGNC Symbol;Ac
12	ENSG0000001	0.63	2e-16	9e-19	1 x 38
13	ENSG0000000	0.43	2e-16	9e-19	1 x 39 pleckstrin homology domain containing, family O member 1 [f
14	ENSG0000001	0.44	2e-16	9e-19	1 x 38 pre-B-cell leukemia homeobox interacting protein 1 [Source:
15	ENSG0000000	0.58	2e-16	9e-19	3 x 40 ATPase, Na+/K+ transporting, alpha 2 polypeptide [Source:H
16	ENSG0000001	0.44	2e-16	9e-19	1 x 38 phosphoprotein enriched in astrocytes 15 [Source:HGNC Syr
17	ENSG0000001	0.52	2e-16	9e-19	2 x 40 discoidin domain receptor tyrosine kinase 2 [Source:HGNC S
18	ENSG0000001	0.75	2e-16	9e-19	1 x 40 regulator of G-protein signaling 5 [Source:HGNC Symbol;Acc
19	ENSG0000001	0.81	2e-16	9e-19	1 x 40 dermatopontin [Source:HGNC Symbol;Acc:HGNC:3011]
20	ENSG0000001	0.51	2e-16	9e-19	3 x 40 angiotensin-like 1 [Source:HGNC Symbol;Acc:HGNC:489]

p-values



04.3047.001_nH

Local Summary

%DE = 1
 # metagenes = 12
 # genes = 250
 # genes in genesets = 247

 # genes with $fdr < 0.1$ = 248 (0 + / 248 -)
 # genes with $fdr < 0.05$ = 248 (0 + / 248 -)
 # genes with $fdr < 0.01$ = 248 (0 + / 248 -)

<r> metagenes = 0.99

<r> genes = 0.66

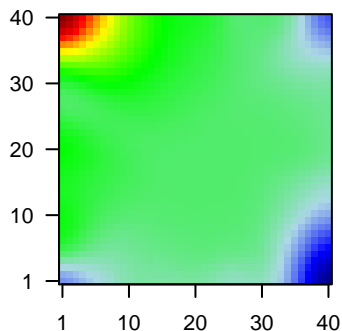
<FC> = -0.45

<t-score> = -9.17

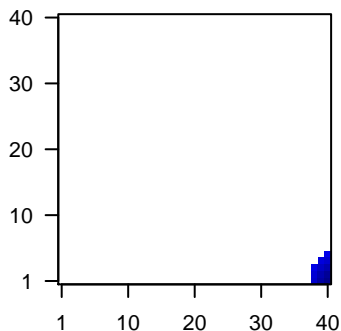
<p-value> = 0

<fdr> = 0

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.28	2e-16	1e-18	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:1712]
2	ENSG0000001	-0.29	2e-16	1e-18	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
3	ENSG0000001	-0.36	2e-16	1e-18	38 x 1 fucosidase, alpha-L- 1, tissue [Source:HGNC Symbol;Acc:HGNC:1712]
4	ENSG0000001	-0.73	2e-16	1e-18	40 x 3 SH3 domain binding glutamate-rich protein like 3 [Source:HGNC Symbol;Acc:HGNC:1712]
5	ENSG0000001	-0.33	2e-16	1e-18	39 x 4 ribosomal protein S6 kinase, 90kDa, polypeptide 1 [Source:HGNC Symbol;Acc:HGNC:1712]
6	ENSG0000001	-0.86	2e-16	1e-18	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
7	ENSG0000001	-0.44	2e-16	1e-18	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:23201]
8	ENSG0000001	-0.26	2e-16	1e-18	40 x 5 KIAA1522 [Source:HGNC Symbol;Acc:HGNC:29301]
9	ENSG0000001	-0.7	2e-16	1e-18	40 x 1 transmembrane protein 54 [Source:HGNC Symbol;Acc:HGNC:20657]
10	ENSG0000000	-0.51	2e-16	1e-18	40 x 1 guanylate cyclase activator 2B (uroguanylin) [Source:HGNC Symbol;Acc:HGNC:21297]
11	ENSG0000001	-0.96	2e-16	1e-18	40 x 1 guanylate cyclase activator 2A (guanylin) [Source:HGNC Symbol;Acc:HGNC:21297]
12	ENSG0000002	-0.27	2e-16	1e-18	38 x 2 chromosome 1 open reading frame 210 [Source:HGNC Symbol;Acc:HGNC:20657]
13	ENSG0000001	-1.02	2e-16	1e-18	40 x 1 tetraspanin 1 [Source:HGNC Symbol;Acc:HGNC:20657]
14	ENSG0000001	-0.38	2e-16	1e-18	40 x 5 24-dehydrocholesterol reductase [Source:HGNC Symbol;Acc:HGNC:21297]
15	ENSG0000000	-0.58	2e-16	1e-18	40 x 1 chloride channel accessory 4 [Source:HGNC Symbol;Acc:HGNC:21297]
16	ENSG0000001	-0.5	2e-16	1e-18	40 x 3 EPS8-like 3 [Source:HGNC Symbol;Acc:HGNC:21297]
17	ENSG0000001	-0.43	2e-16	1e-18	40 x 4 ATPase, Na+/K+ transporting, alpha 1 polypeptide [Source:HGNC Symbol;Acc:HGNC:21297]
18	ENSG0000001	-0.48	2e-16	1e-18	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) [Source:HGNC Symbol;Acc:HGNC:21297]
19	ENSG0000001	-0.51	2e-16	1e-18	38 x 1 cathepsin S [Source:HGNC Symbol;Acc:HGNC:2545]
20	ENSG0000001	-0.32	2e-16	1e-18	40 x 1 selenium binding protein 1 [Source:HGNC Symbol;Acc:HGNC:21297]

p-values

