

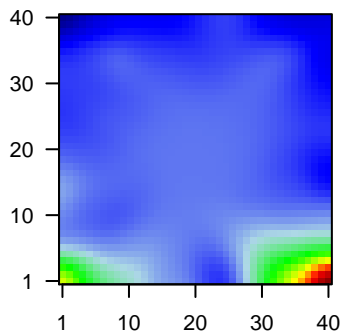
02.4615.001_nH

Global Summary

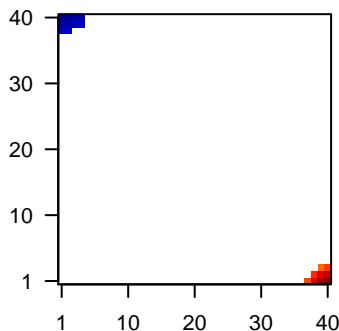
%DE = 0.27
 # genes with fdr < 0.2 = 4775 (2099 + / 2676 -)
 # genes with fdr < 0.1 = 4326 (1977 + / 2349 -)
 # genes with fdr < 0.05 = 3972 (1871 + / 2101 -)
 # genes with fdr < 0.01 = 3249 (1648 + / 1601 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0.01
 <fdr> = 0.73

Profile



Regulated Spots

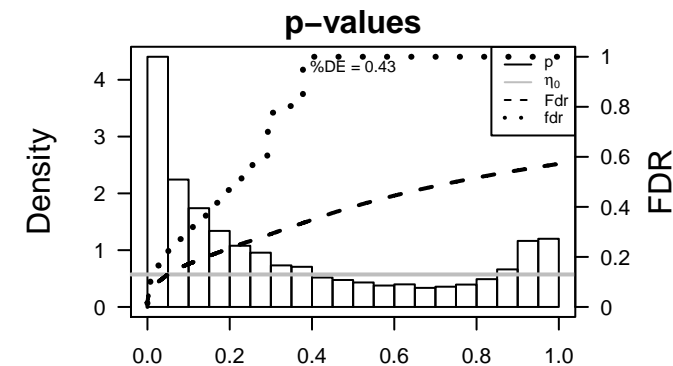
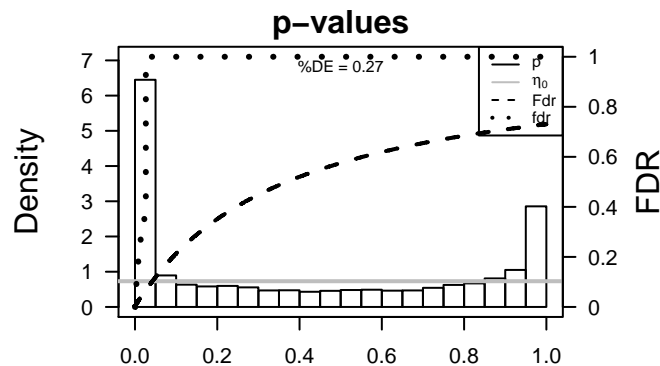


Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG000002	-0.14	2e-16	3e-15	1 x 26 cyclin L2 [Source:HGNC Symbol;Acc:HGNC:20570]
2	ENSG000001	0.12	2e-16	3e-15	3 x 32 ERBB receptor feedback inhibitor 1 [Source:HGNC Symbol;A
3	ENSG000001	0.11	2e-16	3e-15	33 x 4 calyntenin 1 [Source:HGNC Symbol;Acc:HGNC:17447]
4	ENSG000000	-0.13	2e-16	3e-15	31 x 40 procollagen-llysine, 2-oxoglutarate 5-dioxygenase 1 [Source
5	ENSG000001	0.12	2e-16	3e-15	38 x 5 EF-hand domain family, member D2 [Source:HGNC Symbol;
6	ENSG000001	0.34	2e-16	3e-15	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;A
7	ENSG000001	-0.36	2e-16	3e-15	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source
8	ENSG000001	0.24	2e-16	3e-15	5 x 1 phospholipase A2, group IID [Source:HGNC Symbol;Acc:HGI
9	ENSG000001	0.21	2e-16	3e-15	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Si
10	ENSG000001	-0.15	2e-16	3e-15	1 x 33 low density lipoprotein receptor class A domain containing 2 [
11	ENSG000000	0.12	2e-16	3e-15	1 x 15 cell division cycle 42 [Source:HGNC Symbol;Acc:HGNC:1736
12	ENSG000001	0.15	2e-16	3e-15	1 x 3 complement component 1, q subcomponent, A chain [Source
13	ENSG000001	0.2	2e-16	3e-15	1 x 4 complement component 1, q subcomponent, C chain [Source
14	ENSG000001	0.26	2e-16	3e-15	38 x 1 fucosidase, alpha-L- 1, tissue [Source:HGNC Symbol;Acc:H
15	ENSG000001	0.16	2e-16	3e-15	9 x 1 proline-rich nuclear receptor coactivator 2 [Source:HGNC Sy
16	ENSG000001	0.16	2e-16	3e-15	40 x 3 SH3 domain binding glutamate-rich protein like 3 [Source:HC
17	ENSG000001	0.42	2e-16	3e-15	1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
18	ENSG000001	0.34	2e-16	3e-15	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
19	ENSG000001	-0.13	2e-16	3e-15	29 x 40 interferon, alpha-inducible protein 6 [Source:HGNC Symbol;f
20	ENSG000001	0.38	2e-16	3e-15	1 x 1 lysosomal protein transmembrane 5 [Source:HGNC Symbol;f

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	41.04	0e+00	104	Colon CaRectrack_CRC_TCGA_group.over_A_normal_UP
2	34.6	0e+00	507	Colon CaRectrack_CRC_TCGA_corr_C_normal_UP
3	30.94	0e+00	110	Colon CaMarsa_CRC-cluster-h
4	21.81	9e-06	262	GSEA C2SABATES_COLORECTAL_ADENOMA_DN
5	15.76	3e-05	427	Tissue WIRTH_Immune system
6	15.57	3e-05	19	BP cellular glucuronidation
7	14.96	3e-05	844	Colon CaRectrack_CRC_TCGA-expr_kmeans_E_CIMP_H_UP_Cluster4_DN
8	14.09	4e-05	436	GSEA C2SMID_BREAST_CANCER_NORMAL_LIKE_UP
9	13.97	4e-05	616	Colon CaRectrack_CRC_TCGA-expr_kmeans_M_CIMP_H_DN
10	13.74	4e-05	17	GSEA C2REACTOME_GLUCURONIDATION
11	13.55	4e-05	220	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
12	13.54	4e-05	27	GSEA C2KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSION
13	13.18	4e-05	24	GSEA C2KEGG_ASCORBATE_AND_ALDARATE_METABOLISM
14	13.08	4e-05	23	BP flavonoid biosynthetic process
15	13.08	4e-05	23	BP flavonoid glucuronidation
16	13.07	4e-05	16	CC MHC class II protein complex
17	12.88	5e-05	49	Colon CaMarsa_CRC-cluster-f
18	12.62	6e-05	9	GSEA C2MILICIC_FAMILIAL_ADENOMATOUS_POLYPOSIIS_DN
19	12.57	6e-05	263	GSEA C2WALLACE_PROSTATE_CANCER_RACE_UP
20	12.44	6e-05	346	GSEA C2SANSOM_APC_TARGETS_DN
<i>Underexpressed</i>				
1	-13.92	4e-05	830	Colon CaRectrack_CRC_TCGA_corr_R_normal_DN
2	-13.15	4e-05	713	Colon CaRectrack_CRC_TCGA_group.over_C_normal_DN
3	-13.09	4e-05	10239	Brain Overlap_fetal_midbrain_ReprPC
4	-12.24	7e-05	162	MF structural constituent of ribosome
5	-11.86	8e-05	9923	Brain Overlap_fetal_midbrain_K9K27me3
6	-11.63	1e-04	259	BP translation
7	-11.37	1e-04	168	CC ribosome
8	-11.28	1e-04	1298	GSEA C2DODD_NASOPHARYNGEAL_CARCINOMA_DN
9	-11.2	1e-04	84	GSEA C2KEGG_RIBOSOME
10	-10.86	1e-04	88	BP translational termination
11	-10.82	1e-04	132	Colon CaMarsa_CRC-cluster-b
12	-10.76	1e-04	102	GSEA C2REACTOME_3_UTR_MEDIATED_TRANSLATIONAL_REGULATIO
13	-10.32	2e-04	128	GSEA C2SABATES_COLORECTAL_ADENOMA_UP
14	-10.31	2e-04	142	BP translational initiation
15	-10.29	2e-04	101	BP translational elongation
16	-10.28	2e-04	98	GSEA C2REACTOME_INFLUENZA_VIRAL_RNA_TRANSCRIPTION_AND
17	-10.27	2e-04	82	GSEA C2REACTOME_PEPTIDE_CHAIN_ELONGATION
18	-10.21	2e-04	242	GSEA C2REACTOME_METABOLISM_OF_RNA
19	-10.15	2e-04	108	BP SRP-dependent cotranslational protein targeting to membrane
20	-10.12	2e-04	142	GSEA C2REACTOME_TRANSLATION



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Local Summary

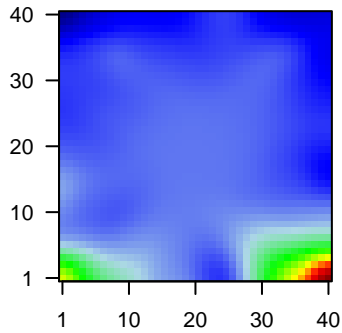
%DE = 0.99
 # metagenes = 9
 # genes = 192
 # genes in genesets = 188

 # genes with $fdr < 0.1$ = 188 (185 + / 3 -)
 # genes with $fdr < 0.05$ = 188 (185 + / 3 -)
 # genes with $fdr < 0.01$ = 187 (185 + / 2 -)

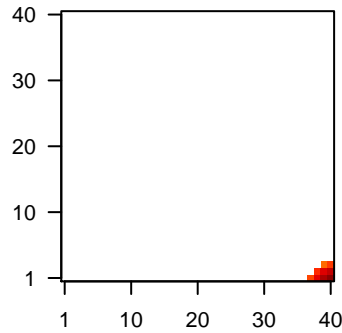
$\langle r \rangle$ metagenes = 0.99
 $\langle r \rangle$ genes = 0.68

 $\langle FC \rangle$ = 0.34
 $\langle t\text{-score} \rangle$ = 6.83
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.02

Profile



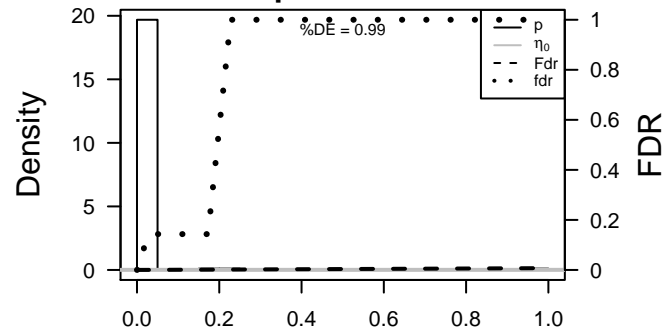
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	0.34	2e-16	2e-18	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:20657]
2	ENSG0000001	0.21	2e-16	2e-18	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:20657]
3	ENSG0000001	0.26	2e-16	2e-18	38 x 1 fucosidase, alpha-L-1, tissue [Source:HGNC Symbol;Acc:HGNC:20657]
4	ENSG0000001	0.16	2e-16	2e-18	40 x 3 SH3 domain binding glutamate-rich protein like 3 [Source:HGNC Symbol;Acc:HGNC:20657]
5	ENSG0000001	0.34	2e-16	2e-18	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
6	ENSG0000001	0.14	2e-16	2e-18	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:23229]
7	ENSG0000001	0.38	2e-16	2e-18	40 x 1 transmembrane protein 54 [Source:HGNC Symbol;Acc:HGNC:20657]
8	ENSG0000000	0.6	2e-16	2e-18	40 x 1 guanylate cyclase activator 2B (uroguanylin) [Source:HGNC Symbol;Acc:HGNC:20657]
9	ENSG0000001	0.94	2e-16	2e-18	40 x 1 guanylate cyclase activator 2A (guanylin) [Source:HGNC Symbol;Acc:HGNC:20657]
10	ENSG0000002	0.15	2e-16	2e-18	38 x 2 chromosome 1 open reading frame 210 [Source:HGNC Symbol;Acc:HGNC:20657]
11	ENSG0000001	0.53	2e-16	2e-18	40 x 1 tetraspanin 1 [Source:HGNC Symbol;Acc:HGNC:20657]
12	ENSG0000000	1.03	2e-16	2e-18	40 x 1 chloride channel accessory 4 [Source:HGNC Symbol;Acc:HGNC:20657]
13	ENSG0000001	0.68	2e-16	2e-18	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) [Source:HGNC Symbol;Acc:HGNC:20657]
14	ENSG0000001	0.24	2e-16	2e-18	38 x 1 cathepsin S [Source:HGNC Symbol;Acc:HGNC:2545]
15	ENSG0000001	0.47	2e-16	2e-18	40 x 1 selenium binding protein 1 [Source:HGNC Symbol;Acc:HGNC:20657]
16	ENSG0000001	0.24	2e-16	2e-18	38 x 1 cingulin [Source:HGNC Symbol;Acc:HGNC:17429]
17	ENSG0000001	0.21	2e-16	2e-18	40 x 1 S100 calcium binding protein A14 [Source:HGNC Symbol;Acc:HGNC:20657]
18	ENSG0000001	0.58	2e-16	2e-18	40 x 1 glycoprotein A33 (transmembrane) [Source:HGNC Symbol;Acc:HGNC:20657]
19	ENSG0000001	0.33	2e-16	2e-18	40 x 3 ATPase, Na+/K+ transporting, beta 1 polypeptide [Source:HGNC Symbol;Acc:HGNC:20657]
20	ENSG0000001	0.14	2e-16	2e-18	39 x 2 chromosome 1 open reading frame 106 [Source:HGNC Symbol;Acc:HGNC:20657]

p-values



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Local Summary

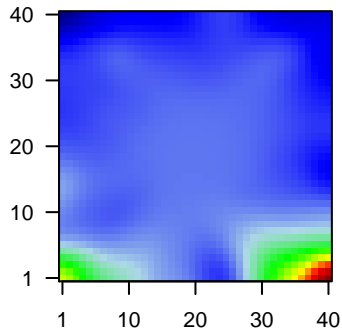
%DE = 0.97
 # metagenes = 10
 # genes = 241
 # genes in genesets = 239

 # genes with $fdr < 0.1$ = 222 (12 + / 210 -)
 # genes with $fdr < 0.05$ = 222 (12 + / 210 -)
 # genes with $fdr < 0.01$ = 212 (9 + / 203 -)

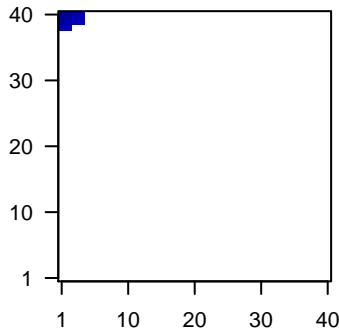
$\langle r \rangle$ metagenes = 1
 $\langle r \rangle$ genes = 0.82

 $\langle FC \rangle$ = -0.11
 $\langle t\text{-score} \rangle$ = -2.17
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.1

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG00000001	-0.13	2e-16	1e-17	1 x 40 nexilin (F actin binding protein) [Source:HGNC Symbol;Acc:H
2	ENSG00000001	0.23	2e-16	1e-17	1 x 38 cysteine-rich, angiogenic inducer, 61 [Source:HGNC Symbol
3	ENSG00000001	-0.13	2e-16	1e-17	1 x 40 calsequestrin 2 (cardiac muscle) [Source:HGNC Symbol;Acc:
4	ENSG00000001	0.27	2e-16	1e-17	1 x 38
5	ENSG00000001	-0.16	2e-16	1e-17	1 x 40 regulator of G-protein signaling 5 [Source:HGNC Symbol;Acc
6	ENSG00000001	-0.2	2e-16	1e-17	1 x 40 regulator of G-protein signaling 2 [Source:HGNC Symbol;Acc
7	ENSG00000001	-0.13	2e-16	1e-17	4 x 40 pleckstrin homology-like domain, family A, member 3 [Source
8	ENSG00000001	-0.28	2e-16	1e-17	1 x 40 cysteine and glycine-rich protein 1 [Source:HGNC Symbol;A
9	ENSG00000001	-0.28	2e-16	1e-17	1 x 40 leiomodulin 1 (smooth muscle) [Source:HGNC Symbol;Acc:HG
10	ENSG00000000	-0.15	2e-16	1e-17	1 x 40 protein phosphatase 1, regulatory subunit 12B [Source:HGNC
11	ENSG00000000	-0.16	2e-16	1e-17	1 x 40 ATPase, Ca++ transporting, plasma membrane 4 [Source:HG
12	ENSG00000001	-0.11	2e-16	1e-17	3 x 40 inhibitor of DNA binding 2, dominant negative helix-loop-heli
13	ENSG00000001	-0.2	2e-16	1e-17	1 x 40 ras homolog family member B [Source:HGNC Symbol;Acc:HK
14	ENSG00000001	-0.47	2e-16	1e-17	1 x 40 actin, gamma 2, smooth muscle, enteric [Source:HGNC Syml
15	ENSG00000000	-0.11	2e-16	1e-17	4 x 40 Mitogen-activated protein kinase kinase kinase MLT [Source
16	ENSG00000001	-0.22	2e-16	1e-17	1 x 40 fibronectin 1 [Source:HGNC Symbol;Acc:HGNC:3778]
17	ENSG00000000	-0.17	2e-16	1e-17	1 x 40 tensin 1 [Source:HGNC Symbol;Acc:HGNC:11973]
18	ENSG00000001	-0.52	2e-16	1e-17	1 x 40 desmin [Source:HGNC Symbol;Acc:HGNC:2770]
19	ENSG00000001	-0.19	2e-16	1e-17	1 x 40 receptor (G protein-coupled) activity modifying protein 1 [Sou
20	ENSG00000001	-0.16	2e-16	1e-17	1 x 40 popeye domain containing 2 [Source:HGNC Symbol;Acc:HG

p-values

