

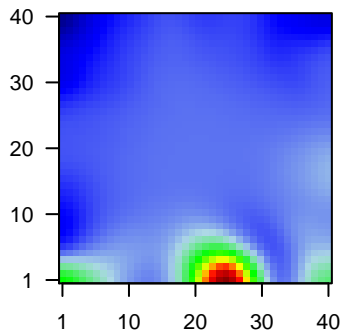
04.1045.021_nH

Global Summary

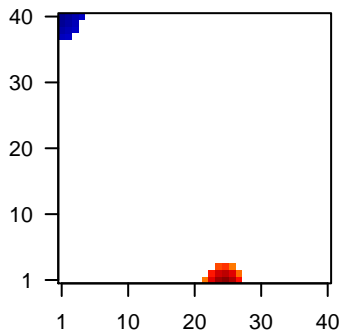
%DE = 0.26
 # genes with fdr < 0.2 = 4812 (2083 + / 2729 -)
 # genes with fdr < 0.1 = 4325 (1907 + / 2418 -)
 # genes with fdr < 0.05 = 3905 (1768 + / 2137 -)
 # genes with fdr < 0.01 = 3361 (1583 + / 1778 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0
 <fdr> = 0.74

Profile



Regulated Spots

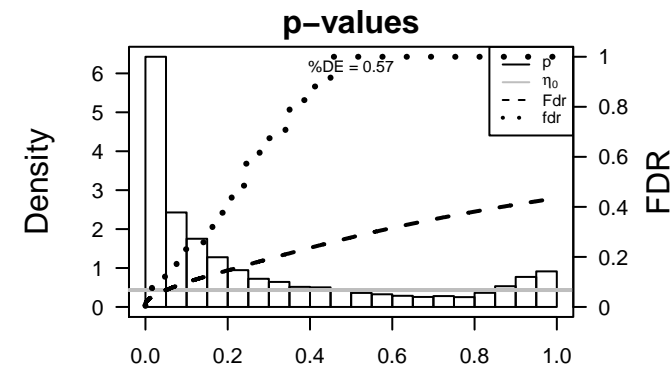
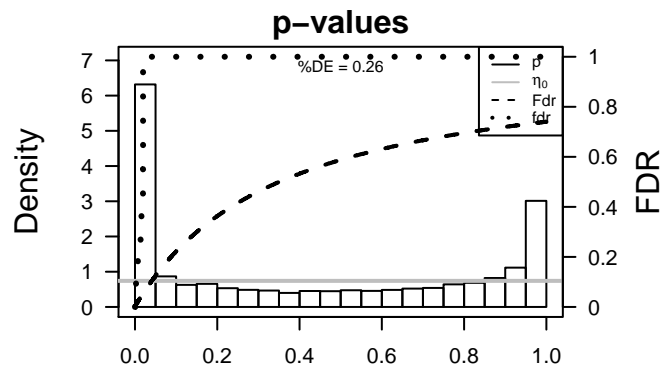


Global Genelist

Rank	ID	log(FC)	fdr p-value	Description
1	ENSG000002	-0.15	2e-16 3e-15	1 x 26 cyclin L2 [Source:HGNC Symbol;Acc:HGNC:20570]
2	ENSG000001	0.46	2e-16 3e-15	24 x 1 solute carrier family 2 (facilitated glucose/fructose transporter
3	ENSG000001	0.27	2e-16 3e-15	40 x 38 phosphogluconate dehydrogenase [Source:HGNC Symbol;Acc:HGNC:20570]
4	ENSG000001	0.2	2e-16 3e-15	21 x 2 F-box protein 2 [Source:HGNC Symbol;Acc:HGNC:13581]
5	ENSG000001	0.23	2e-16 3e-15	28 x 1 KIAA2013 [Source:HGNC Symbol;Acc:HGNC:28513]
6	ENSG000000	0.16	2e-16 3e-15	2 x 1 tumor necrosis factor receptor superfamily, member 1B [Source:HGNC Symbol;Acc:HGNC:20570]
7	ENSG000001	0.25	2e-16 3e-15	28 x 1 dehydrogenase/reductase (SDR family) member 3 [Source:HGNC Symbol;Acc:HGNC:20570]
8	ENSG000001	0.27	2e-16 3e-15	28 x 1 transmembrane protein 82 [Source:HGNC Symbol;Acc:HGNC:20570]
9	ENSG000001	-0.28	2e-16 3e-15	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:20570]
10	ENSG000001	0.7	2e-16 3e-15	25 x 1 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde
11	ENSG000000	0.24	2e-16 3e-15	26 x 3 aldo-keto reductase family 7, member A2 [Source:HGNC Symbol;Acc:HGNC:20570]
12	ENSG000001	0.15	2e-16 3e-15	38 x 7 neuroblastoma 1, DAN family BMP antagonist [Source:HGNC Symbol;Acc:HGNC:20570]
13	ENSG000001	0.82	2e-16 3e-15	25 x 1 ring finger protein 186 [Source:HGNC Symbol;Acc:HGNC:25133]
14	ENSG000001	-0.63	2e-16 3e-15	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:20570]
15	ENSG000001	-0.17	2e-16 3e-15	1 x 33 low density lipoprotein receptor class A domain containing 2 [Source:HGNC Symbol;Acc:HGNC:20570]
16	ENSG000001	-0.15	2e-16 3e-15	40 x 40 EPH receptor B2 [Source:HGNC Symbol;Acc:HGNC:3393]
17	ENSG000001	0.22	2e-16 3e-15	22 x 3 5-hydroxytryptamine (serotonin) receptor 1D, G protein-coupled
18	ENSG000002	-0.23	2e-16 3e-15	40 x 10 transcription elongation factor A (SII), 3 [Source:HGNC Symbol;Acc:HGNC:20570]
19	ENSG000001	0.19	2e-16 3e-15	38 x 1 fucosidase, alpha-L-1, tissue [Source:HGNC Symbol;Acc:HGNC:20570]
20	ENSG000001	0.18	2e-16 3e-15	37 x 2 interleukin 22 receptor, alpha 1 [Source:HGNC Symbol;Acc:HGNC:20570]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	24.01	6e-06	67	GSEA C2KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROME_P450
2	22.44	6e-06	62	GSEA C2KEGG_RETINOL_METABOLISM
3	21.05	1e-05	68	GSEA C2KEGG_DRUG_METABOLISM_CYTOCHROME_P450
4	20.83	1e-05	346	GSEA C2SANSOM_APC_TARGETS_DN
5	20.08	1e-05	229	GSEA C2HSIAO_LIVER_SPECIFIC_GENES
6	19.52	2e-05	23	BP flavonoid biosynthetic process
7	19.52	2e-05	23	BP flavonoid glucuronidation
8	19.16	2e-05	132	GSEA C2REACTOME_BIOLOGICAL_OXIDATIONS
9	19.13	2e-05	27	GSEA C2KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSION
10	18.98	2e-05	51	GSEA C2KEGG_STEROID_HORMONE_BIOSYNTHESIS
11	18.52	2e-05	19	BP cellular glucuronidation
12	18.34	2e-05	24	GSEA C2KEGG_ASCORBATE_AND_ALDARATE_METABOLISM
13	18.12	2e-05	17	GSEA C2REACTOME_GLUCURONIDATION
14	17.69	2e-05	14	CC chylomicron
15	17.65	2e-05	48	GSEA C2KEGG_DRUG_METABOLISM_OTHER_ENZYMES
16	17.4	2e-05	30	MF glucuronosyltransferase activity
17	16.5	2e-05	154	BP xenobiotic metabolic process
18	16.09	2e-05	29	BP drug metabolic process
19	15.74	3e-05	37	MF transferase activity, transferring hexosyl groups
20	15.4	3e-05	27	BP cholesterol efflux
<i>Underexpressed</i>				
1	-15.57	3e-05	10239	Brain Overlap_fetal_midbrain_ReprPC
2	-13.34	4e-05	10800	Brain Overlap_fetal_midbrain_Quies
3	-13.23	4e-05	9923	Brain Overlap_fetal_midbrain_K9K27me3
4	-12.72	5e-05	6320	Brain Overlap_fetal_midbrain_HetRpts
5	-12.2	7e-05	303	GSEA C2PASINI_SUZ12_TARGETS_DN
6	-11.32	1e-04	1091	MF poly(A) RNA binding
7	-11.05	1e-04	198	HM HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
8	-10.96	1e-04	10475	Colon CaMesa_Colon
9	-10.82	1e-04	9930	Colon CaMesa_Colon
10	-10.74	1e-04	10278	Brain Overlap_fetal_midbrain_ReprPCWk
11	-10.61	2e-04	1298	GSEA C2DODD_NASOPHARYNGEAL_CARCINOMA_DN
12	-9.95	2e-04	132	Colon CaMesa_CRC-cluster-b
13	-9.76	2e-04	22	GSEA C2REACTOME_SMOOTH_MUSCLE_CONTRACTION
14	-9.64	2e-04	378	CC focal adhesion
15	-9.59	3e-04	5101	CC nucleus
16	-9.45	5e-02	16	Cancer LIU_PROSTATE_CANCER_DN
17	-9.33	3e-04	55	GSEA C2CROONQUIST_STROMAL_STIMULATION_UP
18	-9.33	3e-04	713	Colon CaMesa_CRC_TCGA_group.over_C_normal_DN
19	-9.1	3e-04	683	GSEA C2RODRIGUES_THYROID_CARCINOMA_ANAPLASTIC_UP
20	-9.05	3e-04	9390	Colon CaMesa_Colon



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Local Summary

%DE = 0
 # metagenes = 14
 # genes = 187
 # genes in genesets = 185
 # genes with $fdr < 0.1 = 0$ (0 + / 0 -)
 # genes with $fdr < 0.05 = 0$ (0 + / 0 -)
 # genes with $fdr < 0.01 = 0$ (0 + / 0 -)

<r> metagenes = 0.99

<r> genes = 0.73

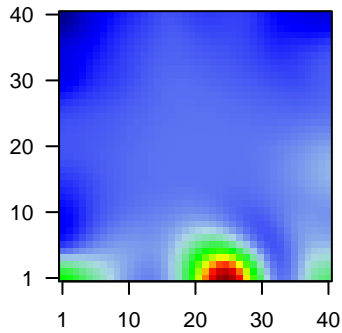
<FC> = 0.57

<t-score> = 11.67

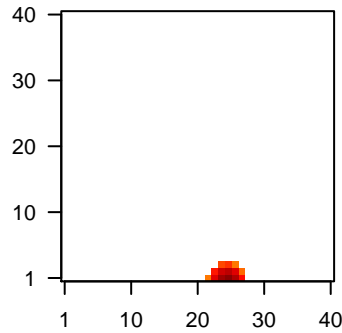
<p-value> = 0

<fdr> = 0

Profile



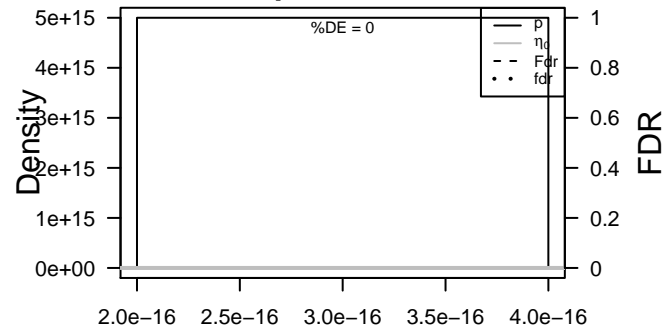
Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG00000001	0.46	2e-16	1	24 x 1 solute carrier family 2 (facilitated glucose/fructose transporter
2	ENSG00000001	0.7	2e-16	1	25 x 1 aldo-keto reductase family 7, member A3 (aflatoxin aldehyde
3	ENSG00000000	0.24	2e-16	1	26 x 3 aldo-keto reductase family 7, member A2 [Source:HGNC Syr
4	ENSG00000001	0.82	2e-16	1	25 x 1 ring finger protein 186 [Source:HGNC Symbol;Acc:HGNC:25:
5	ENSG00000001	0.49	2e-16	1	24 x 1 nuclear receptor subfamily 0, group B, member 2 [Source:HG
6	ENSG00000001	0.26	2e-16	1	24 x 3 solute carrier family 5 (sodium/sugar cotransporter), member
7	ENSG00000001	0.35	2e-16	1	24 x 2 glutathione S-transferase mu 4 [Source:HGNC Symbol;Acc:t
8	ENSG00000001	0.44	2e-16	1	26 x 1 PDZ domain containing 1 [Source:HGNC Symbol;Acc:HGNC
9	ENSG00000001	0.86	2e-16	1	25 x 1 aquaporin 10 [Source:HGNC Symbol;Acc:HGNC:16029]
10	ENSG00000001	0.4	2e-16	1	25 x 1 golgi transport 1A [Source:HGNC Symbol;Acc:HGNC:24766]
11	ENSG00000001	0.65	2e-16	1	26 x 1 cathepsin E [Source:HGNC Symbol;Acc:HGNC:2530]
12	ENSG00000001	0.39	2e-16	1	25 x 2 mitochondrial amidoxime reducing component 2 [Source:HG
13	ENSG00000001	0.47	2e-16	1	25 x 1 acireductone dioxygenase 1 [Source:HGNC Symbol;Acc:HG
14	ENSG00000000	1.18	2e-16	1	25 x 1 apolipoprotein B [Source:HGNC Symbol;Acc:HGNC:603]
15	ENSG00000000	0.24	2e-16	1	27 x 2 hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/e
16	ENSG00000001	0.7	2e-16	1	25 x 1 ketohexokinase (fructokinase) [Source:HGNC Symbol;Acc:HK
17	ENSG00000001	0.36	2e-16	1	23 x 1 cell growth regulator with EF-hand domain 1 [Source:HGNC
18	ENSG00000001	0.63	2e-16	1	25 x 1 ATP-binding cassette, sub-family G (WHITE), member 5 [So
19	ENSG00000001	0.51	2e-16	1	24 x 1 ATP-binding cassette, sub-family G (WHITE), member 8 [So
20	ENSG00000001	0.37	2e-16	1	27 x 1 solute carrier family 3 (amino acid transporter heavy chain), n

p-values



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Local Summary

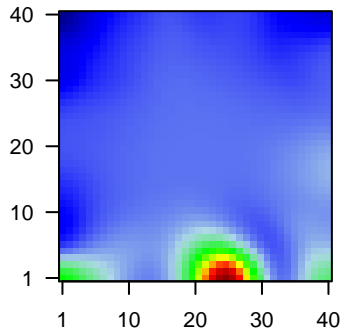
%DE = 0.98
 # metagenes = 12
 # genes = 253
 # genes in genesets = 251

 # genes with fdr < 0.1 = 242 (11 + / 231 -)
 # genes with fdr < 0.05 = 242 (11 + / 231 -)
 # genes with fdr < 0.01 = 234 (8 + / 226 -)

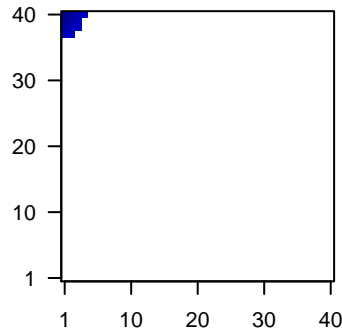
<r> metagenes = 1
 <r> genes = 0.81

 <FC> = -0.16
 <t-score> = -3.23
 <p-value> = 0
 <fdr> = 0.07

Profile



Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG0000001	-0.27	2e-16	7e-18	1 x 40 chloride intracellular channel 4 [Source:HGNC Symbol;Acc:H
2	ENSG0000001	-0.16	2e-16	7e-18	4 x 40 wntless Wnt ligand secretion mediator [Source:HGNC Symbc
3	ENSG0000001	-0.44	2e-16	7e-18	1 x 38 cysteine-rich, angiogenic inducer, 61 [Source:HGNC Symbol
4	ENSG0000001	-0.15	2e-16	7e-18	4 x 40 prostaglandin F2 receptor inhibitor [Source:HGNC Symbol;Ac
5	ENSG0000001	-0.29	2e-16	7e-18	1 x 38
6	ENSG0000001	0.17	2e-16	7e-18	1 x 38 pre-B-cell leukemia homeobox interacting protein 1 [Source:
7	ENSG0000001	-0.19	2e-16	7e-18	1 x 40 regulator of G-protein signaling 5 [Source:HGNC Symbol;Acc
8	ENSG0000001	-0.19	2e-16	7e-18	1 x 40 dermatopontin [Source:HGNC Symbol;Acc:HGNC:3011]
9	ENSG0000001	-0.18	2e-16	7e-18	1 x 37 laminin, gamma 1 (formerly LAMB2) [Source:HGNC Symbol;v
10	ENSG0000001	0.49	2e-16	7e-18	1 x 40 regulator of G-protein signaling 2 [Source:HGNC Symbol;Acc
11	ENSG0000001	-0.38	2e-16	7e-18	1 x 40 cysteine and glycine-rich protein 1 [Source:HGNC Symbol;Av
12	ENSG0000001	-0.33	2e-16	7e-18	1 x 40 leiomodulin 1 (smooth muscle) [Source:HGNC Symbol;Acc:HG
13	ENSG0000000	-0.19	2e-16	7e-18	1 x 40 protein phosphatase 1, regulatory subunit 12B [Source:HGNC
14	ENSG0000001	-0.15	2e-16	7e-18	1 x 40 BTG family, member 2 [Source:HGNC Symbol;Acc:HGNC:11
15	ENSG0000000	-0.2	2e-16	7e-18	1 x 40 ATPase, Ca++ transporting, plasma membrane 4 [Source:HG
16	ENSG0000002	-0.22	2e-16	7e-18	2 x 37
17	ENSG0000001	-0.16	2e-16	7e-18	2 x 40 actin, alpha 1, skeletal muscle [Source:HGNC Symbol;Acc:Hf
18	ENSG0000001	-0.69	2e-16	7e-18	1 x 40 ras homolog family member B [Source:HGNC Symbol;Acc:Hf
19	ENSG0000001	-0.59	2e-16	7e-18	1 x 40 actin, gamma 2, smooth muscle, enteric [Source:HGNC Syml
20	ENSG0000002	-0.21	2e-16	7e-18	2 x 38 POTE ankyrin domain family, member J [Source:HGNC Synt

p-values

