

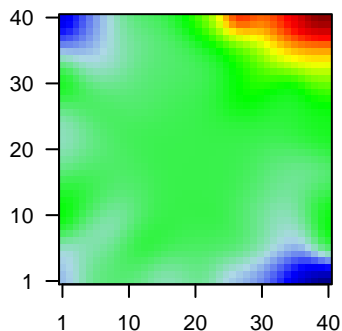
02.4615.001_cH

Global Summary

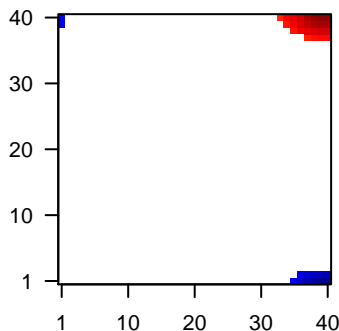
%DE = 0.25
 # genes with fdr < 0.2 = 4522 (2290 + / 2232 -)
 # genes with fdr < 0.1 = 4034 (2078 + / 1956 -)
 # genes with fdr < 0.05 = 3768 (1964 + / 1804 -)
 # genes with fdr < 0.01 = 3113 (1658 + / 1455 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0.01
 <fdr> = 0.75

Profile



Regulated Spots



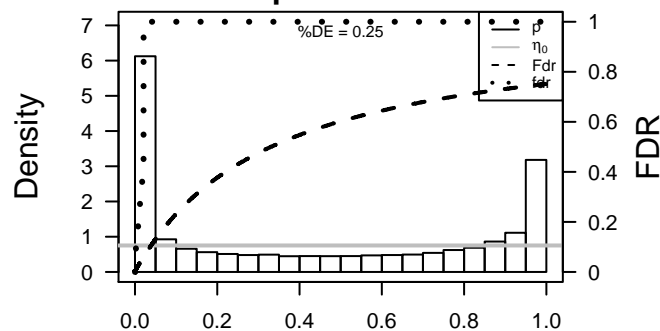
Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG00000001	0.2	2e-16	4e-15	26 x 40 hes family bHLH transcription factor 4 [Source:HGNC Symbol;Acc:HGNC:10000]
2	ENSG00000001	0.22	2e-16	4e-15	36 x 4 ISG15 ubiquitin-like modifier [Source:HGNC Symbol;Acc:HGNC:10000]
3	ENSG00000002	-0.22	2e-16	4e-15	1 x 26 cyclin L2 [Source:HGNC Symbol;Acc:HGNC:20570]
4	ENSG00000001	-0.2	2e-16	4e-15	30 x 1 tumor protein p63 regulated 1-like [Source:HGNC Symbol;Acc:HGNC:10000]
5	ENSG00000000	0.33	2e-16	4e-15	38 x 40 enolase 1, (alpha) [Source:HGNC Symbol;Acc:HGNC:3350]
6	ENSG00000001	0.16	2e-16	4e-15	40 x 38 phosphogluconate dehydrogenase [Source:HGNC Symbol;Acc:HGNC:10000]
7	ENSG00000001	0.17	2e-16	4e-15	27 x 40 F-box protein 6 [Source:HGNC Symbol;Acc:HGNC:13585]
8	ENSG00000001	-0.22	2e-16	4e-15	33 x 1 filamin binding LIM protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]
9	ENSG00000001	-0.24	2e-16	4e-15	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:10000]
10	ENSG00000001	0.33	2e-16	4e-15	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:10000]
11	ENSG00000001	-0.3	2e-16	4e-15	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:10000]
12	ENSG00000001	-0.21	2e-16	4e-15	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
13	ENSG00000001	0.37	2e-16	4e-15	1 x 3 complement component 1, q subcomponent, A chain [Source:HGNC Symbol;Acc:HGNC:10000]
14	ENSG00000001	0.36	2e-16	4e-15	1 x 4 complement component 1, q subcomponent, C chain [Source:HGNC Symbol;Acc:HGNC:10000]
15	ENSG00000001	0.42	2e-16	4e-15	5 x 5 complement component 1, q subcomponent, B chain [Source:HGNC Symbol;Acc:HGNC:10000]
16	ENSG00000001	0.23	2e-16	4e-15	40 x 40 EPH receptor B2 [Source:HGNC Symbol;Acc:HGNC:3393]
17	ENSG00000001	-0.21	2e-16	4e-15	38 x 1 fucosidase, alpha-L-1, tissue [Source:HGNC Symbol;Acc:HGNC:10000]
18	ENSG00000001	0.17	2e-16	4e-15	37 x 40 stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]
19	ENSG00000001	-0.17	2e-16	4e-15	1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
20	ENSG00000001	0.21	2e-16	4e-15	29 x 40 interferon, alpha-inducible protein 6 [Source:HGNC Symbol;Acc:HGNC:10000]

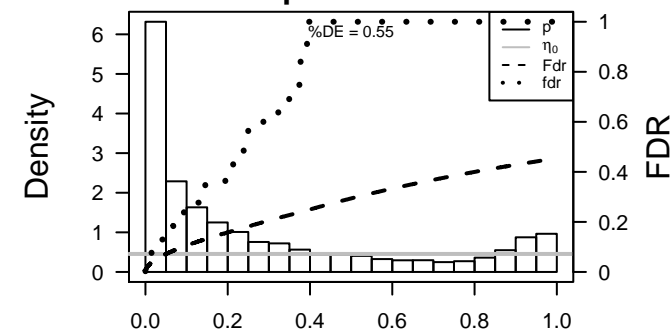
Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	23.79	6e-06	1298	GSEA C2DODD_NASOPHARYNGEAL_CARINOMA_DN
2	20.14	1e-05	400	GSEA C2/ECCHI_GASTRIC_CANCER_EARLY_UP
3	19.12	2e-05	195	HM HALLMARK_MYC_TARGETS_V1
4	18.76	2e-05	275	GSEA C2GRADE_COLON_AND_RECTAL_CANCER_UP
5	18.66	2e-05	747	GSEA C2PUJANA_CHEK2_PCC_NETWORK
6	18.24	2e-05	807	Lymphom14opp_June14_MMML937_tumors+controls_group.overexpression
7	18	2e-05	1563	GSEA C2PUJANA_BRCA1_PCC_NETWORK
8	17.86	2e-05	713	Colon CaRectrack_CRC_TCGA_group.over_C_normal_DN
9	17.86	2e-05	582	GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP
10	17.73	2e-05	811	Lymphom14IRTH_lymphoma937_spot D
11	17.65	2e-05	608	Disease GUDJ_poriasis up
12	17.53	2e-05	220	GSEA C2MCLACHLAN_DENTAL_CARIES_UP
13	17.26	2e-05	446	GSEA C2SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
14	17.16	2e-05	327	GSEA C2WONG_EMBRYONIC_STEM_CELL_CORE
15	17.08	2e-05	248	GSEA C2KOBAYASHI_EGFR_SIGNALING_24HR_DN
16	16.84	2e-05	60	GSEA C2CROMER_TUMORIGENESIS_UP
17	16.38	2e-05	210	GSEA C2MCLACHLAN_DENTAL_CARIES_DN
18	16	2e-05	813	GSEA C2GRADE_COLON_CANCER_UP
19	15.91	3e-05	337	Colon CaRectrack_CRC_TCGA_group.over_B_msi-h_UP
20	15.89	7e-03	16	Cancer SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
<i>Underexpressed</i>				
1	-26.55	0e+00	104	Colon CaRectrack_CRC_TCGA_group.over_A_normal_UP
2	-25.22	1e-06	507	Colon CaRectrack_CRC_TCGA_corr_C_normal_UP
3	-20.96	1e-05	110	Colon CaMisa_CRC-cluster-h
4	-20.27	1e-05	262	GSEA C2SABATES_COLORECTAL_ADENOMA_DN
5	-13.39	4e-05	616	Colon Cabembcke_TCGA-expr_kmeans_M_CIMP_H_DN
6	-11.26	1e-04	336	GSEA C2/ECCHI_GASTRIC_CANCER_EARLY_DN
7	-11.13	1e-04	436	GSEA C2SMID_BREAST_CANCER_NORMAL_LIKE_UP
8	-10.7	1e-04	132	Colon CaMisa_CRC-cluster-b
9	-10.35	4e-03	16	Cancer LIU_PROSTATE_CANCER_DN
10	-10.11	2e-04	1624	GSEA C2DODD_NASOPHARYNGEAL_CARINOMA_UP
11	-10.02	2e-04	336	Lymphom14opp_June14_MMML937_tumors+controls_group.overexpression
12	-9.99	2e-04	347	Lymphom14IRTH_lymphoma937_spot H
13	-9.96	2e-04	19	BP cellular glucuronidation
14	-9.85	2e-04	17	GSEA C2REACTOME_GLUCURONIDATION
15	-9.74	2e-04	45	GSEA C2WANG_BARRETTES_ESOPHAGUS_UP
16	-9.71	2e-04	1169	Colon Cabembcke_TCGA-expr_kmeans_N_CIMP_H_DN
17	-9.62	2e-04	27	GSEA C2KEGG_PENTOSE_AND_GLUCURONATE_INTERCONVERSION
18	-9.58	3e-04	736	GSEA C2RODRIGUES_THYROID_CARINOMA_POORLY_DIFFERENTIAL
19	-9.26	3e-04	294	GSEA C2ACEVEDO_FGFR1_TARGETS_IN_PROSTATE_CANCER_MODE
20	-8.97	3e-04	62	GSEA C2KEGG_RETINOL_METABOLISM

p-values



p-values



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Local Summary

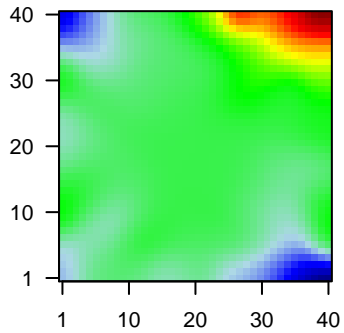
%DE = 0.93
 # metagenes = 25
 # genes = 496
 # genes in genesets = 490

 # genes with $fdr < 0.1$ = 448 (417 + / 31 -)
 # genes with $fdr < 0.05$ = 443 (413 + / 30 -)
 # genes with $fdr < 0.01$ = 413 (390 + / 23 -)

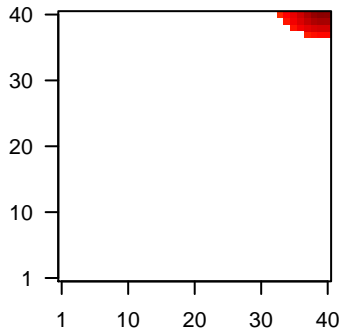
$\langle r \rangle$ metagenes = 0.94
 $\langle r \rangle$ genes = 0.55

 $\langle FC \rangle$ = 0.16
 $\langle t\text{-score} \rangle$ = 3.21
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.11

Profile



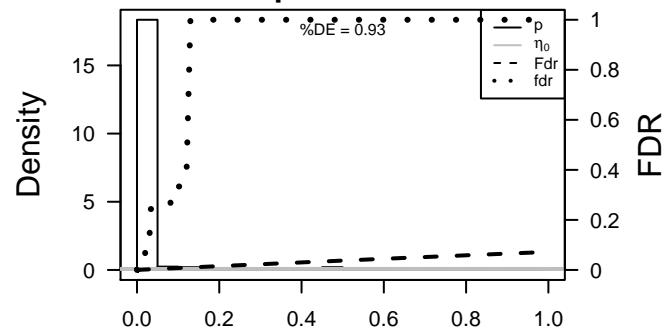
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG000000	0.33	2e-16	3e-17	38 x 40 enolase 1, (alpha) [Source:HGNC Symbol;Acc:HGNC:3350]
2	ENSG000001	0.16	2e-16	3e-17	40 x 38 phosphogluconate dehydrogenase [Source:HGNC Symbol;Acc:HGNC:3351]
3	ENSG000001	0.33	2e-16	3e-17	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:3352]
4	ENSG000001	0.23	2e-16	3e-17	40 x 40 EPH receptor B2 [Source:HGNC Symbol;Acc:HGNC:3393]
5	ENSG000001	0.17	2e-16	3e-17	37 x 40 stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]
6	ENSG000000	0.16	2e-16	3e-17	37 x 40 eukaryotic translation initiation factor 3, subunit I [Source:HGNC Symbol;Acc:HGNC:3353]
7	ENSG000001	0.27	2e-16	3e-17	40 x 40 MARCKS-like 1 [Source:HGNC Symbol;Acc:HGNC:7142]
8	ENSG000001	0.2	2e-16	3e-17	33 x 40 proteasome (prosome, macropain) subunit, beta type, 2 [Source:HGNC Symbol;Acc:HGNC:3354]
9	ENSG000001	0.18	2e-16	3e-17	40 x 39 cell division cycle 20 [Source:HGNC Symbol;Acc:HGNC:1722]
10	ENSG000001	0.31	2e-16	3e-17	40 x 40 PDZK1 interacting protein 1 [Source:HGNC Symbol;Acc:HGNC:3355]
11	ENSG000000	-0.35	2e-16	3e-17	40 x 40 chloride channel accessory 1 [Source:HGNC Symbol;Acc:HGNC:3356]
12	ENSG000001	-0.3	2e-16	3e-17	40 x 40 regenerating islet-derived family, member 4 [Source:HGNC Symbol;Acc:HGNC:3357]
13	ENSG000001	0.4	2e-16	3e-17	40 x 40 S100 calcium binding protein A11 [Source:HGNC Symbol;Acc:HGNC:3358]
14	ENSG000001	0.84	2e-16	3e-17	38 x 40 S100 calcium binding protein A9 [Source:HGNC Symbol;Acc:HGNC:3359]
15	ENSG000001	0.2	2e-16	3e-17	37 x 40 interleukin enhancer binding factor 2 [Source:HGNC Symbol;Acc:HGNC:3360]
16	ENSG000001	0.16	2e-16	3e-17	40 x 37 CDC28 protein kinase regulatory subunit 1B [Source:HGNC Symbol;Acc:HGNC:3361]
17	ENSG000001	0.33	2e-16	3e-17	40 x 40 mucin 1, cell surface associated [Source:HGNC Symbol;Acc:HGNC:3362]
18	ENSG000001	0.19	2e-16	3e-17	39 x 37 hepatoma-derived growth factor [Source:HGNC Symbol;Acc:HGNC:3363]
19	ENSG000001	-0.34	2e-16	3e-17	40 x 40 intelectin 1 (galactofuranose binding) [Source:HGNC Symbol;Acc:HGNC:3364]
20	ENSG000000	0.24	2e-16	3e-17	39 x 39 ubiquitin-conjugating enzyme E2T [Source:HGNC Symbol;Acc:HGNC:3365]

p-values



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Local Summary

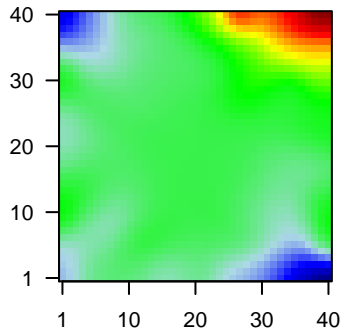
%DE = 0.94
 # metagenes = 11
 # genes = 245
 # genes in genesets = 240

 # genes with $fdr < 0.1$ = 223 (23 + / 200 -)
 # genes with $fdr < 0.05$ = 220 (22 + / 198 -)
 # genes with $fdr < 0.01$ = 213 (17 + / 196 -)

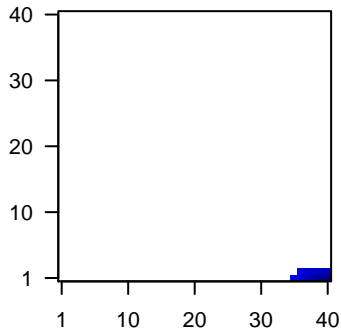
$\langle r \rangle$ metagenes = 0.99
 $\langle r \rangle$ genes = 0.66

 $\langle FC \rangle$ = -0.18
 $\langle t\text{-score} \rangle$ = -3.65
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.1

Profile



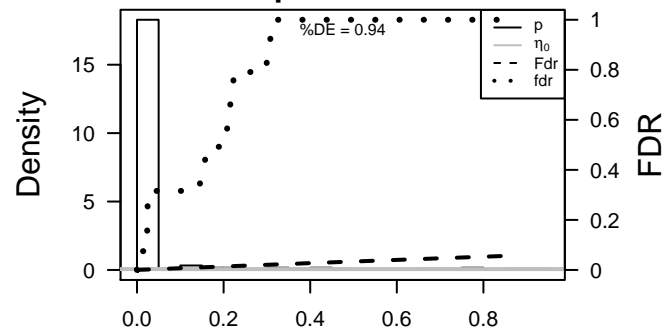
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.24	2e-16	2e-17	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:17112]
2	ENSG0000001	-0.3	2e-16	2e-17	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:17113]
3	ENSG0000001	-0.21	2e-16	2e-17	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
4	ENSG0000001	-0.21	2e-16	2e-17	38 x 1 fucosidase, alpha-L- 1, tissue [Source:HGNC Symbol;Acc:HGNC:17114]
5	ENSG0000001	-0.31	2e-16	2e-17	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:2322]
6	ENSG0000000	-0.52	2e-16	2e-17	40 x 1 guanylate cyclase activator 2B (uroguanylin) [Source:HGNC Symbol;Acc:HGNC:17115]
7	ENSG0000001	-0.99	2e-16	2e-17	40 x 1 guanylate cyclase activator 2A (guanylin) [Source:HGNC Symbol;Acc:HGNC:17116]
8	ENSG0000001	-0.16	2e-16	2e-17	36 x 1 bestrophin 4 [Source:HGNC Symbol;Acc:HGNC:17106]
9	ENSG0000000	-0.59	2e-16	2e-17	40 x 1 chloride channel accessory 4 [Source:HGNC Symbol;Acc:HGNC:17117]
10	ENSG0000001	-0.17	2e-16	2e-17	37 x 1 ras homolog family member C [Source:HGNC Symbol;Acc:HGNC:17118]
11	ENSG0000001	-0.49	2e-16	2e-17	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) [Source:HGNC Symbol;Acc:HGNC:17119]
12	ENSG0000001	0.22	2e-16	2e-17	38 x 1 cathepsin S [Source:HGNC Symbol;Acc:HGNC:2545]
13	ENSG0000001	-0.51	2e-16	2e-17	40 x 1 selenium binding protein 1 [Source:HGNC Symbol;Acc:HGNC:17120]
14	ENSG0000001	0.19	2e-16	2e-17	40 x 1 S100 calcium binding protein A14 [Source:HGNC Symbol;Acc:HGNC:16753]
15	ENSG0000001	-0.24	2e-16	2e-17	35 x 1 peroxiredoxin 6 [Source:HGNC Symbol;Acc:HGNC:16753]
16	ENSG0000001	0.43	2e-16	2e-17	40 x 1 polymeric immunoglobulin receptor [Source:HGNC Symbol;Acc:HGNC:16753]
17	ENSG0000001	-0.23	2e-16	2e-17	36 x 1 chromosome 1 open reading frame 115 [Source:HGNC Symbol;Acc:HGNC:17121]
18	ENSG0000002	-0.41	2e-16	2e-17	40 x 1
19	ENSG0000001	0.34	2e-16	2e-17	40 x 1 epithelial cell adhesion molecule [Source:HGNC Symbol;Acc:HGNC:17122]
20	ENSG0000001	-0.22	2e-16	2e-17	35 x 1 UDP-glucose pyrophosphorylase 2 [Source:HGNC Symbol;Acc:HGNC:17123]

p-values



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Local Summary

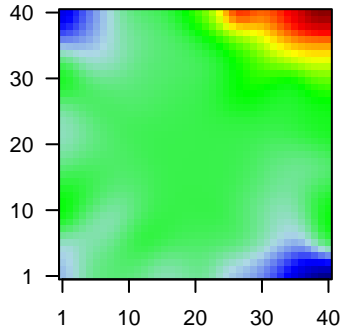
%DE = 0.95
 # metagenes = 2
 # genes = 113
 # genes in genesets = 113

 # genes with $fdr < 0.1$ = 107 (11 + / 96 -)
 # genes with $fdr < 0.05$ = 106 (11 + / 95 -)
 # genes with $fdr < 0.01$ = 100 (6 + / 94 -)

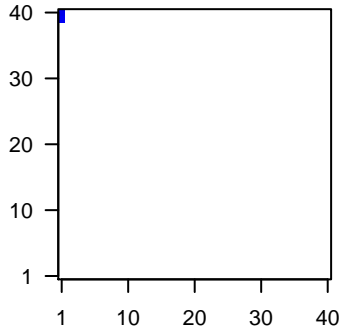
$\langle r \rangle$ metagenes = 1
 $\langle r \rangle$ genes = 0.87

 $\langle FC \rangle$ = -0.14
 $\langle t\text{-score} \rangle$ = -2.78
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.09

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.17	2e-16	3e-17	1 x 40 dermatopontin [Source:HGNC Symbol;Acc:HGNC:3011]
2	ENSG0000001	-0.25	2e-16	3e-17	1 x 40 cysteine and glycine-rich protein 1 [Source:HGNC Symbol;Acc:HGNC:3012]
3	ENSG0000001	-0.28	2e-16	3e-17	1 x 40 leiomodulin 1 (smooth muscle) [Source:HGNC Symbol;Acc:HGNC:3013]
4	ENSG0000001	-0.25	2e-16	3e-17	1 x 40 BTG family, member 2 [Source:HGNC Symbol;Acc:HGNC:1111]
5	ENSG0000000	-0.18	2e-16	3e-17	1 x 40 ATPase, Ca++ transporting, plasma membrane 4 [Source:HGNC Symbol;Acc:HGNC:3014]
6	ENSG0000001	-0.37	2e-16	3e-17	1 x 40 actin, gamma 2, smooth muscle, enteric [Source:HGNC Symbol;Acc:HGNC:3015]
7	ENSG0000001	0.53	2e-16	3e-17	1 x 40 collagen, type III, alpha 1 [Source:HGNC Symbol;Acc:HGNC:3016]
8	ENSG0000001	-0.16	2e-16	3e-17	1 x 40 serum deprivation response [Source:HGNC Symbol;Acc:HGNC:3017]
9	ENSG0000000	-0.16	2e-16	3e-17	1 x 40 tensin 1 [Source:HGNC Symbol;Acc:HGNC:11973]
10	ENSG0000001	-0.22	2e-16	3e-17	1 x 40 desmin [Source:HGNC Symbol;Acc:HGNC:2770]
11	ENSG0000001	-0.17	2e-16	3e-17	1 x 40 popeye domain containing 2 [Source:HGNC Symbol;Acc:HGNC:3018]
12	ENSG0000000	-0.23	2e-16	3e-17	1 x 40 myosin light chain kinase [Source:HGNC Symbol;Acc:HGNC:3019]
13	ENSG0000001	-0.17	2e-16	3e-17	1 x 40 SPARC-like 1 (hevin) [Source:HGNC Symbol;Acc:HGNC:1121]
14	ENSG0000001	-0.23	2e-16	3e-17	1 x 40 synaptopodin 2 [Source:HGNC Symbol;Acc:HGNC:17732]
15	ENSG0000001	-0.2	2e-16	3e-17	1 x 40 complement component 7 [Source:HGNC Symbol;Acc:HGNC:3020]
16	ENSG0000001	-0.2	2e-16	3e-17	1 x 40 coiled-coil domain containing 69 [Source:HGNC Symbol;Acc:HGNC:3021]
17	ENSG0000001	-0.23	2e-16	3e-17	1 x 40 phospholamban [Source:HGNC Symbol;Acc:HGNC:9080]
18	ENSG0000002	-0.15	2e-16	3e-17	1 x 40 aquaporin 1 (Colton blood group) [Source:HGNC Symbol;Acc:HGNC:3022]
19	ENSG0000000	-0.35	2e-16	3e-17	1 x 40 pyruvate dehydrogenase kinase, isozyme 4 [Source:HGNC Symbol;Acc:HGNC:3023]
20	ENSG0000001	-0.18	2e-16	3e-17	1 x 40 caldesmon 1 [Source:HGNC Symbol;Acc:HGNC:1441]

p-values

