

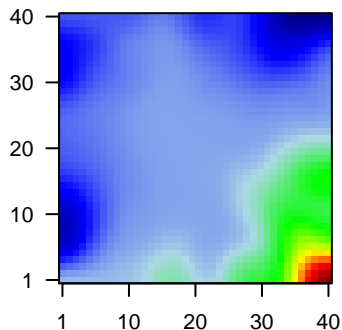
02.0015.002_nH

Global Summary

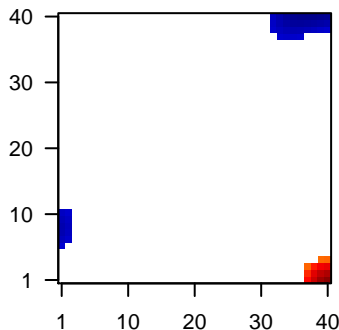
%DE = 0.26
 # genes with $fdr < 0.2$ = 4674 (2209 + / 2465 -)
 # genes with $fdr < 0.1$ = 4128 (2010 + / 2118 -)
 # genes with $fdr < 0.05$ = 3771 (1868 + / 1903 -)
 # genes with $fdr < 0.01$ = 3165 (1643 + / 1522 -)
 # genes in genesets = 18990

<FC> = 0
 <t-score> = 0
 <p-value> = 0.01
 <fdr> = 0.74

Profile



Regulated Spots

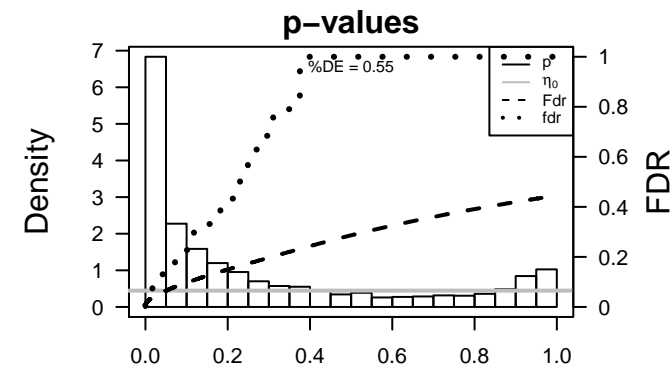
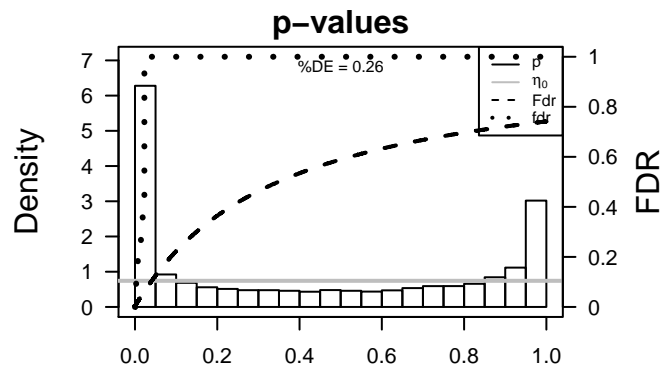


Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description	Metagene
1	ENSG00000001	0.34	2e-16	3e-15	36 x 4	ISG15 ubiquitin-like modifier [Source:HGNC Symbol;Acc:HGNC:10000]
2	ENSG00000001	0.21	2e-16	3e-15	34 x 8	family with sequence similarity 132, member A [Source:HGNC Symbol;Acc:HGNC:10000]
3	ENSG00000001	0.23	2e-16	3e-15	40 x 8	aurora kinase A interacting protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]
4	ENSG00000001	0.26	2e-16	3e-15	30 x 1	tumor protein p63 regulated 1-like [Source:HGNC Symbol;Acc:HGNC:10000]
5	ENSG00000001	-0.18	2e-16	3e-15	1 x 8	ribosomal protein L22 [Source:HGNC Symbol;Acc:HGNC:10000]
6	ENSG00000001	0.21	2e-16	3e-15	35 x 7	espin [Source:HGNC Symbol;Acc:HGNC:13281]
7	ENSG00000000	-0.25	2e-16	3e-15	38 x 40	enolase 1, (alpha) [Source:HGNC Symbol;Acc:HGNC:3350]
8	ENSG00000001	0.21	2e-16	3e-15	28 x 1	dehydrogenase/reductase (SDR family) member 3 [Source:HGNC Symbol;Acc:HGNC:10000]
9	ENSG00000001	0.28	2e-16	3e-15	28 x 1	transmembrane protein 82 [Source:HGNC Symbol;Acc:HGNC:10000]
10	ENSG00000001	0.22	2e-16	3e-15	33 x 1	filamin binding LIM protein 1 [Source:HGNC Symbol;Acc:HGNC:10000]
11	ENSG00000001	0.44	2e-16	3e-15	39 x 1	peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:10000]
12	ENSG00000001	0.23	2e-16	3e-15	38 x 7	neuroblastoma 1, DAN family BMP antagonist [Source:HGNC Symbol;Acc:HGNC:10000]
13	ENSG00000001	-0.58	2e-16	3e-15	40 x 40	phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:10000]
14	ENSG00000001	0.44	2e-16	3e-15	37 x 1	calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:10000]
15	ENSG00000001	0.44	2e-16	3e-15	38 x 1	cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:1712]
16	ENSG00000002	-0.22	2e-16	3e-15	38 x 40	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:10000]
17	ENSG00000001	-0.19	2e-16	3e-15	34 x 40	ribosomal protein L11 [Source:HGNC Symbol;Acc:HGNC:10000]
18	ENSG00000000	0.28	2e-16	3e-15	40 x 6	lysophospholipase II [Source:HGNC Symbol;Acc:HGNC:6736]
19	ENSG00000001	0.24	2e-16	3e-15	37 x 2	interleukin 22 receptor, alpha 1 [Source:HGNC Symbol;Acc:HGNC:10000]
20	ENSG00000001	-0.19	2e-16	3e-15	37 x 40	stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	30.04	0e+00	104	Colon Cancer Track_CRC_TCGA_group.over_A_normal_UP
2	24.92	1e-06	110	Colon Cancer Track_CRC-cluster-h
3	24.1	5e-06	507	Colon Cancer Track_CRC_TCGA_corr_C_normal_UP
4	17.74	2e-05	262	GSEA C2SABATES_COLORECTAL_ADENOMA_DN
5	16.68	2e-05	616	Colon Cancer Track_CRC_TCGA-expr_kmeans_M_CIMP_H_DN
6	14.28	4e-05	1624	GSEA C2DODD_NASOPHARYNGEAL_CARCINOMA_UP
7	14.27	4e-05	3112	Colon Cancer Track_CRC_TCGA_meth_kmeans_J_CIMP_H_DN
8	12.66	6e-05	643	Colon Cancer Track_CRC_TCGA_meth_kmeans_J_CIMP_H_DN
9	12.12	7e-05	3122	Colon Cancer Track_CRC_TCGA_meth_kmeans_J_CIMP_H_DN
10	11.71	9e-05	429	GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL
11	11.29	1e-04	412	GSEA C2LIM_MAMMARY_STEM_CELL_DN
12	11.05	1e-04	251	GSEA C2WAMUNYOKOLI_OVARIAN_CANCER_LMP_UP
13	10.48	2e-04	3064	Glio Hopp_Sturm_GBM_Epi3_no_zentr_2_adult_UP_G34_DN
14	10.23	2e-04	126	GSEA C2VECHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN
15	10.19	2e-04	3977	Brain Mid_Frontal_Lobe_ReprPC
16	10.06	2e-04	222	GSEA C2COLDREN_GEFITINIB_RESISTANCE_DN
17	9.86	2e-04	142	Lymphoma Hopp_June14_MMML937_tumors+controls_group.overexpression
18	9.76	2e-04	17	GSEA C2REACTOME_GLUCURONIDATION
19	9.72	2e-04	10	BP positive regulation of guanylate cyclase activity
20	9.31	3e-04	6761	Colon Cancer Track_CRC_TCGA_meth_kmeans_J_CIMP_H_DN
<i>Underexpressed</i>				
1	-21.48	9e-06	1298	GSEA C2DODD_NASOPHARYNGEAL_CARCINOMA_DN
2	-21.16	1e-05	1563	GSEA C2PUJANA_BRCA1_PCC_NETWORK
3	-20.11	1e-05	713	Colon Cancer Track_CRC_TCGA_group.over_C_normal_DN
4	-20.01	1e-05	1091	MF poly(A) RNA binding
5	-19.48	2e-05	747	GSEA C2PUJANA_CHEK2_PCC_NETWORK
6	-19.35	2e-05	195	HM HALLMARK_MYC_TARGETS_V1
7	-18.89	2e-05	10239	Brain Overlap_fetal_midbrain_ReprPC
8	-18.4	2e-05	6320	Brain Overlap_fetal_midbrain_HetRpts
9	-18.07	2e-05	5643	Lymphoma Hopp_June14_MMML937_tumors+controls_group.overexpression
10	-18.03	2e-05	7491	Lymphoma Hopp_June14_MMML937_tumors+controls_group.overexpression
11	-17.18	2e-05	582	GSEA C2CAIRO_HEPATOBLASTOMA_CLASSES_UP
12	-16.06	2e-05	275	GSEA C2GRADE_COLON_AND_RECTAL_CANCER_UP
13	-15.98	2e-05	8358	Lymphoma Hopp_June14_MMML937_tumors+controls_group.overexpression
14	-15.92	3e-05	1228	GSEA C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
15	-15.76	3e-05	1352	GSEA C2DIAZ_CHRONIC_MEYLOGENOUS_LEUKEMIA_UP
16	-15.62	3e-05	350	GSEA C2RHEIN_ALL_GLUCOCORTICOID_THERAPY_DN
17	-15.61	3e-05	1340	GSEA C2PUJANA_ATM_PCC_NETWORK
18	-15.49	3e-05	830	Colon Cancer Track_CRC_TCGA_corr_R_normal_DN
19	-14.92	3e-05	859	GSEA C2LEE_BMP2_TARGETS_DN
20	-14.91	3e-05	536	GSEA C2FEVR_CTNNB1_TARGETS_DN



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Local Summary

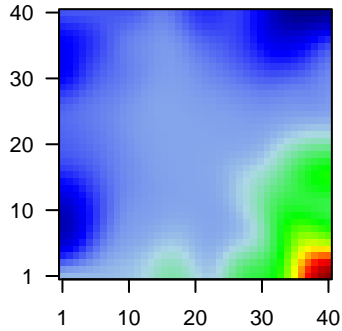
%DE = 0.98
 # metagenes = 14
 # genes = 254
 # genes in genesets = 250

 # genes with fdr < 0.1 = 245 (236 + / 9 -)
 # genes with fdr < 0.05 = 243 (236 + / 7 -)
 # genes with fdr < 0.01 = 237 (230 + / 7 -)

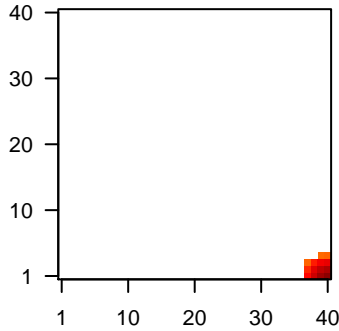
<r> metagenes = 0.99
 <r> genes = 0.67

 <FC> = 0.34
 <t-score> = 6.91
 <p-value> = 0
 <fdr> = 0.05

Profile



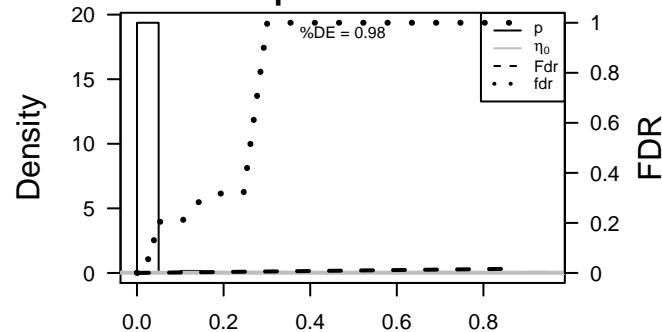
Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG0000001	0.44	2e-16	5e-18	39 x 1 peptidyl arginine deiminase, type II [Source:HGNC Symbol;Acc:HGNC:17112]
2	ENSG0000001	0.44	2e-16	5e-18	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:17112]
3	ENSG0000001	0.44	2e-16	5e-18	38 x 1 cytidine deaminase [Source:HGNC Symbol;Acc:HGNC:17112]
4	ENSG0000001	0.24	2e-16	5e-18	37 x 2 interleukin 22 receptor, alpha 1 [Source:HGNC Symbol;Acc:HGNC:17112]
5	ENSG0000001	0.29	2e-16	5e-18	40 x 3 SH3 domain binding glutamate-rich protein like 3 [Source:HGNC Symbol;Acc:HGNC:17112]
6	ENSG0000001	0.18	2e-16	5e-18	39 x 4 ribosomal protein S6 kinase, 90kDa, polypeptide 1 [Source:HGNC Symbol;Acc:HGNC:17112]
7	ENSG0000001	0.61	2e-16	5e-18	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
8	ENSG0000001	0.41	2e-16	5e-18	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:23212]
9	ENSG0000001	0.63	2e-16	5e-18	40 x 1 transmembrane protein 54 [Source:HGNC Symbol;Acc:HGNC:23212]
10	ENSG0000000	1.22	2e-16	5e-18	40 x 1 guanylate cyclase activator 2B (uroguanylin) [Source:HGNC Symbol;Acc:HGNC:23212]
11	ENSG0000001	1.42	2e-16	5e-18	40 x 1 guanylate cyclase activator 2A (guanylin) [Source:HGNC Symbol;Acc:HGNC:23212]
12	ENSG0000002	0.22	2e-16	5e-18	38 x 2 chromosome 1 open reading frame 210 [Source:HGNC Symbol;Acc:HGNC:23212]
13	ENSG0000001	0.64	2e-16	5e-18	40 x 1 tetraspanin 1 [Source:HGNC Symbol;Acc:HGNC:20657]
14	ENSG0000000	0.87	2e-16	5e-18	40 x 1 chloride channel accessory 4 [Source:HGNC Symbol;Acc:HGNC:23212]
15	ENSG0000001	0.31	2e-16	5e-18	40 x 3 EPS8-like 3 [Source:HGNC Symbol;Acc:HGNC:21297]
16	ENSG0000001	0.34	2e-16	5e-18	37 x 1 ras homolog family member C [Source:HGNC Symbol;Acc:HGNC:23212]
17	ENSG0000001	0.18	2e-16	5e-18	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) [Source:HGNC Symbol;Acc:HGNC:23212]
18	ENSG0000001	0.53	2e-16	5e-18	40 x 1 selenium binding protein 1 [Source:HGNC Symbol;Acc:HGNC:23212]
19	ENSG0000001	0.23	2e-16	5e-18	38 x 1 cingulin [Source:HGNC Symbol;Acc:HGNC:17429]
20	ENSG0000001	0.39	2e-16	5e-18	40 x 4 S100 calcium binding protein A10 [Source:HGNC Symbol;Acc:HGNC:23212]

p-values



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Local Summary

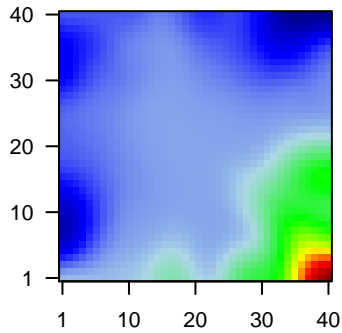
%DE = 0.98
 # metagenes = 11
 # genes = 213
 # genes in genesets = 199

 # genes with $fdr < 0.1$ = 206 (0 + / 206 -)
 # genes with $fdr < 0.05$ = 206 (0 + / 206 -)
 # genes with $fdr < 0.01$ = 202 (0 + / 202 -)

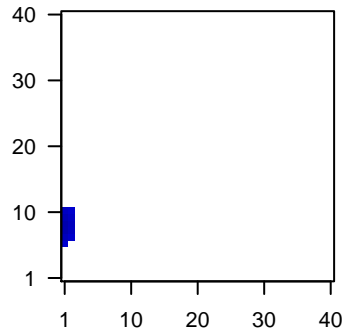
$\langle r \rangle$ metagenes = 0.97
 $\langle r \rangle$ genes = 0.63

 $\langle FC \rangle$ = -0.15
 $\langle t\text{-score} \rangle$ = -2.98
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.04

Profile



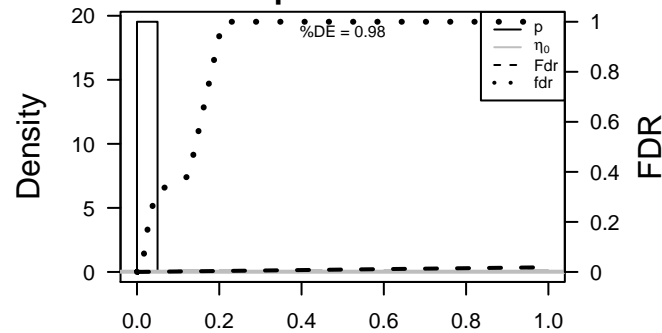
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.18	2e-16	1e-17	1 x 8 ribosomal protein L22 [Source:HGNC Symbol;Acc:HGNC:103
2	ENSG0000001	-0.18	2e-16	1e-17	1 x 8 splicing factor proline/glutamine-rich [Source:HGNC Symbol;
3	ENSG0000001	-0.17	2e-16	1e-17	1 x 9 palmitoyl-protein thioesterase 1 [Source:HGNC Symbol;Acc:HGNC:103
4	ENSG0000000	-0.28	2e-16	1e-17	1 x 10 Y box binding protein 1 [Source:HGNC Symbol;Acc:HGNC:80
5	ENSG0000001	-0.26	2e-16	1e-17	1 x 8 ribosomal protein L5 [Source:HGNC Symbol;Acc:HGNC:103
6	ENSG0000001	-0.21	2e-16	1e-17	1 x 6
7	ENSG0000002	-0.17	2e-16	1e-17	1 x 6
8	ENSG0000002	-0.19	2e-16	1e-17	1 x 6
9	ENSG0000001	-0.18	2e-16	1e-17	1 x 8 acidic (leucine-rich) nuclear phosphoprotein 32 family, memb
10	ENSG0000001	-0.19	2e-16	1e-17	1 x 10 lamin B receptor [Source:HGNC Symbol;Acc:HGNC:6518]
11	ENSG0000001	-0.19	2e-16	1e-17	1 x 11 signal recognition particle 9kDa [Source:HGNC Symbol;Acc:HGNC:103
12	ENSG0000001	-0.22	2e-16	1e-17	1 x 10 interferon regulatory factor 2 binding protein 2 [Source:HGNC
13	ENSG0000001	-0.19	2e-16	1e-17	1 x 9 heterogeneous nuclear ribonucleoprotein U (scaffold attachm
14	ENSG0000001	-0.22	2e-16	1e-17	1 x 10 poly(rC) binding protein 1 [Source:HGNC Symbol;Acc:HGNC
15	ENSG0000001	-0.21	2e-16	1e-17	1 x 8 heterogeneous nuclear ribonucleoprotein A3 [Source:HGNC
16	ENSG0000001	-0.21	2e-16	1e-17	1 x 6 signal transducer and activator of transcription 1, 91kDa [Sou
17	ENSG0000001	-0.35	2e-16	1e-17	1 x 7 basic helix-loop-helix family, member e40 [Source:HGNC Sy
18	ENSG0000001	-0.22	2e-16	1e-17	1 x 8 ribosomal protein L15 [Source:HGNC Symbol;Acc:HGNC:103
19	ENSG0000001	-0.19	2e-16	1e-17	1 x 10 CCHC-type zinc finger, nucleic acid binding protein [Source:HGNC
20	ENSG0000000	-0.18	2e-16	1e-17	1 x 6 CDV3 homolog (mouse) [Source:HGNC Symbol;Acc:HGNC:2

p-values



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Local Summary

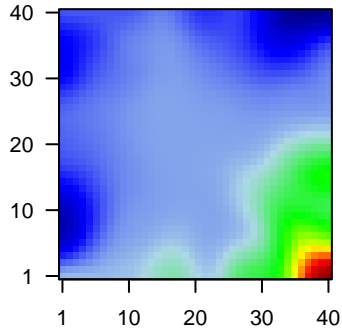
%DE = 0.97
 # metagenes = 31
 # genes = 556
 # genes in genesets = 547

 # genes with $fdr < 0.1$ = 521 (7 + / 514 -)
 # genes with $fdr < 0.05$ = 505 (5 + / 500 -)
 # genes with $fdr < 0.01$ = 493 (4 + / 489 -)

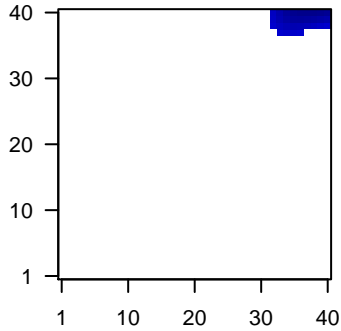
$\langle r \rangle$ metagenes = 0.93
 $\langle r \rangle$ genes = 0.54

 $\langle FC \rangle$ = -0.14
 $\langle t\text{-score} \rangle$ = -2.87
 $\langle p\text{-value} \rangle$ = 0
 $\langle fdr \rangle$ = 0.1

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG00000000	-0.25	2e-16	2e-17	38 x 40 enolase 1, (alpha) [Source:HGNC Symbol;Acc:HGNC:3350]
2	ENSG00000001	-0.58	2e-16	2e-17	40 x 40 phospholipase A2, group IIA (platelets, synovial fluid) [Source:HGNC Symbol;Acc:HGNC:3351]
3	ENSG00000002	-0.22	2e-16	2e-17	38 x 40 dolichyl--diphosphooligosaccharide--protein glycosyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:3352]
4	ENSG00000001	-0.19	2e-16	2e-17	34 x 40 ribosomal protein L11 [Source:HGNC Symbol;Acc:HGNC:10000]
5	ENSG00000001	-0.19	2e-16	2e-17	37 x 40 stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]
6	ENSG00000000	-0.18	2e-16	2e-17	37 x 40 eukaryotic translation initiation factor 3, subunit I [Source:HGNC Symbol;Acc:HGNC:6511]
7	ENSG00000001	-0.21	2e-16	2e-17	32 x 40 NADH dehydrogenase (ubiquinone) Fe-S protein 5, 15kDa (ubiquinol dehydrogenase) [Source:HGNC Symbol;Acc:HGNC:6512]
8	ENSG00000000	-0.25	2e-16	2e-17	40 x 40 chloride channel accessory 1 [Source:HGNC Symbol;Acc:HGNC:6513]
9	ENSG00000001	-0.31	2e-16	2e-17	40 x 40 regenerating islet--derived family, member 4 [Source:HGNC Symbol;Acc:HGNC:6514]
10	ENSG00000001	-0.32	2e-16	2e-17	40 x 40 S100 calcium binding protein A11 [Source:HGNC Symbol;Acc:HGNC:6515]
11	ENSG00000001	-0.26	2e-16	2e-17	40 x 40 mucin 1, cell surface associated [Source:HGNC Symbol;Acc:HGNC:6516]
12	ENSG00000001	-0.24	2e-16	2e-17	40 x 40 intelectin 1 (galactofuranose binding) [Source:HGNC Symbol;Acc:HGNC:6517]
13	ENSG00000001	-0.23	2e-16	2e-17	33 x 37 CD46 molecule, complement regulatory protein [Source:HGNC Symbol;Acc:HGNC:6518]
14	ENSG00000000	-0.2	2e-16	2e-17	33 x 37 isoleucyl--tRNA synthetase 2, mitochondrial [Source:HGNC Symbol;Acc:HGNC:6519]
15	ENSG00000001	-0.21	2e-16	2e-17	34 x 40 translocase of outer mitochondrial membrane 20 homolog (yeast) [Source:HGNC Symbol;Acc:HGNC:6520]
16	ENSG00000001	-0.25	2e-16	2e-17	36 x 40 EDAR--associated death domain [Source:HGNC Symbol;Acc:HGNC:6521]
17	ENSG00000001	-0.27	2e-16	2e-17	37 x 40 ornithine decarboxylase 1 [Source:HGNC Symbol;Acc:HGNC:6522]
18	ENSG00000001	-0.24	2e-16	2e-17	37 x 40 protein disulfide isomerase family A, member 6 [Source:HGNC Symbol;Acc:HGNC:6523]
19	ENSG00000001	-0.19	2e-16	2e-17	33 x 40 chaperonin containing TCP1, subunit 7 (eta) [Source:HGNC Symbol;Acc:HGNC:6524]
20	ENSG00000001	-0.18	2e-16	2e-17	40 x 40 regenerating islet--derived 1 beta [Source:HGNC Symbol;Acc:HGNC:6525]

p-values

