

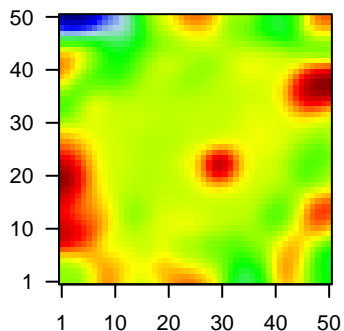
B3_mel

Global Summary

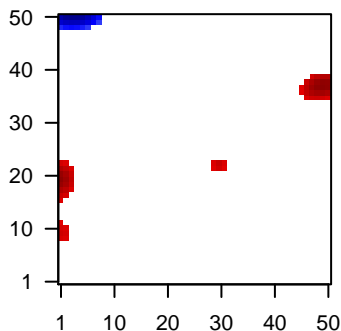
%DE = 0.2
 # genes with $fdr < 0.2$ = 2640 (1600 + / 1040 -)
 # genes with $fdr < 0.1$ = 2016 (1206 + / 810 -)
 # genes with $fdr < 0.05$ = 1644 (983 + / 661 -)
 # genes with $fdr < 0.01$ = 967 (596 + / 371 -)
 # genes in genesets = 14839

<FC> = 0
 <shrinkage-t> = 0.03
 <p-value> = 0.09
 <fdr> = 0.8

Profile



Regulated Spots

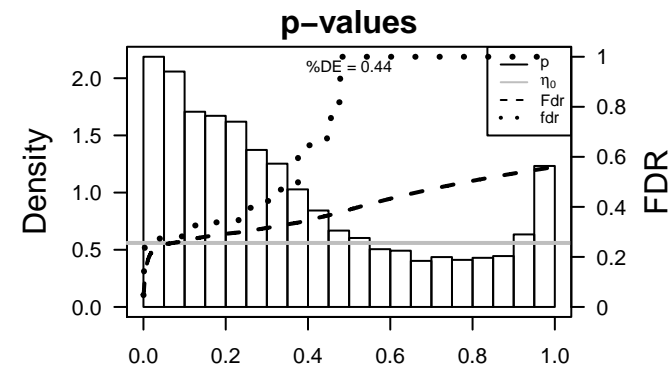
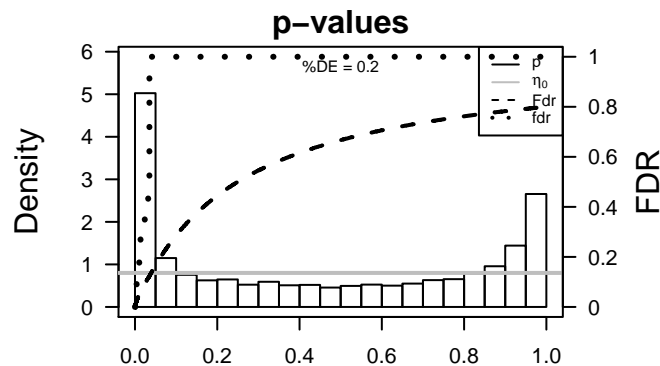


Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ATIC	-1.72	2e-16	2e-13	44 x 50 5-aminoimidazole-4-carboxamide ribonucleotide formyltrans
2	CKS2	-1.65	2e-16	2e-13	5 x 50 CDC28 protein kinase regulatory subunit 2 [Source:HGNC S]
3	DCT	-1.37	2e-16	2e-13	1 x 11 dopachrome tautomerase [Source:HGNC Symbol;Acc:HGNC
4	DNAJA1	-1.6	2e-16	2e-13	41 x 47 DnaJ (Hsp40) homolog, subfamily A, member 1 [Source:HGN
5	DNTTIP2	-1.35	2e-16	2e-13	12 x 47 deoxynucleotidyltransferase, terminal, interacting protein 2 [S
6	EBP	-2.01	2e-16	2e-13	1 x 48 empamil binding protein (sterol isomerase) [Source:HGNC S
7	EIF3D	-1.74	2e-16	2e-13	45 x 19 eukaryotic translation initiation factor 3, subunit D [Source:HG
8	EXOSC8	-1.71	2e-16	2e-13	1 x 50 exosome component 8 [Source:HGNC Symbol;Acc:HGNC:17
9	HSD17B4	-1.63	2e-16	2e-13	11 x 50 hydroxysteroid (17-beta) dehydrogenase 4 [Source:HGNC S]
10	IQGAP1	-1.53	2e-16	2e-13	9 x 32 IQ motif containing GTPase activating protein 1 [Source:HGN
11	MRPL9	-1.48	2e-16	2e-13	39 x 11 mitochondrial ribosomal protein L9 [Source:HGNC Symbol;Ac
12	NDUFA10	-1.72	2e-16	2e-13	37 x 50 NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10,
13	PTTG1	-1.37	2e-16	2e-13	7 x 50 pituitary tumor-transforming 1 [Source:HGNC Symbol;Acc:H
14	ST6GALNAC1	-1.6	2e-16	2e-13	1 x 44 ST6 (alpha-N-acetyl-neuraminy-2,3-beta-galactosyl-1,3)-
15	TIMM21	-1.79	2e-16	2e-13	14 x 50 translocase of inner mitochondrial membrane 21 homolog (ye
16	TUBG1	-1.69	2e-16	2e-13	2 x 49 tubulin, gamma 1 [Source:HGNC Symbol;Acc:HGNC:12417]
17	STMN1	-0.81	4e-16	3e-12	5 x 50 stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]
18	RRM1	-1.58	7e-16	8e-12	2 x 50 ribonucleotide reductase M1 [Source:HGNC Symbol;Acc:HGI
19	DHRS7	-1.56	2e-15	8e-12	41 x 49 dehydrogenase/reductase (SDR family) member 7 [Source:H
20	NUP85	-1.56	2e-15	2e-11	1 x 50 nucleoporin 85kDa [Source:HGNC Symbol;Acc:HGNC:8734]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	4.32	0.006	12	BP regulation of acetyl-CoA biosynthetic process from pyruvate
2	4.32	0.006	12	GSEA C2REACTOME_REGULATION_OF_PYRUVATE_DEHYDROGENAS
3	4.24	0.006	19	GSEA C2MAHADEVAN_RESPONSE_TO_MP470_DN
4	4.03	0.007	7	GSEA C2MOOHA_PYR
5	3.73	0.009	10	BP ribosomal large subunit biogenesis
6	3.68	0.010	11	GSEA C2SANCHEZ_MDM2_TARGETS
7	3.66	0.010	23	GSEA C2GAZDA_DIAMOND_BLACKFAN_ANEMIA_ERYTHROID_UP
8	3.66	0.010	18	GSEA C2PID_HIF1A_PATHWAY
9	3.66	0.010	162	BP ribosome biogenesis
10	3.63	0.010	13	GSEA C2CAIRO_PML_TARGETS_BOUND_BY_MYC_DN
11	3.63	0.010	7	GSEA C2MARIADASON_RESPONSE_TO_BUTYRATE_CURCUMIN_SULFI
12	3.58	0.011	60	GSEA C2MOLENAAR_TARGETS_OF_CCND1_AND_CDK4_UP
13	3.49	0.012	22	BP negative regulation of JNK cascade
14	3.48	0.012	22	BP sarcomere organization
15	3.43	0.012	33	GSEA C2PID_P38_ALPHA_BETA_DOWNSTREAM_PATHWAY
16	3.42	0.012	47	GSEA C2PID_CERAMIDE_PATHWAY
17	3.41	0.012	41	GSEA C2BIOCARTA_KERATINOCYTE_PATHWAY
18	3.39	0.013	30	GSEA C2PID_MAPK_TRK_PATHWAY
19	3.37	0.013	25	GSEA C2REACTOME_MAPK_TARGETS_NUCLEAR_EVENTS_MEDIATED
20	3.34	0.013	21	MF R-SMAD binding
<i>Underexpressed</i>				
1	-14.93	5e-05	550	GSEA C2GOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
2	-13.66	7e-05	242	GSEA C2KOBAYASHI_EGFR_SIGNALING_24HR_DN
3	-13.59	8e-05	305	GSEA C2DUTERTRE ESTRADIOL_RESPONSE_24HR_UP
4	-13.28	8e-05	139	GSEA C2ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER
5	-13.02	9e-05	142	Glio WILLSCHEER_GBM_Verhaak-CL_up (C)
6	-12.91	9e-05	197	HM HALLMARK_E2F_TARGETS
7	-12.43	1e-04	96	GSEA C2CROONQUIST_IL6_DEPRIVATION_DN
8	-11.98	3e-02	16	Cancer SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
9	-11.89	1e-04	124	GSEA C2ZHOU_CELL_CYCLE_GENES_IN_IR_RESPONSE_24HR
10	-11.85	1e-04	99	GSEA C2BURTON_ADIPOGENESIS_3
11	-11.36	2e-04	155	GSEA C2HOFFMANN_LARGE_TO_SMALL_PRE_BIL_LYMPHOCYTE_UP
12	-11.3	2e-04	110	GSEA C2WHITEFORD_PEDIATRIC_CANCER_MARKERS
13	-11.22	2e-04	50	GSEA C2SHIDA_E2F_TARGETS
14	-11.11	2e-04	145	GSEA C2CHANG_CYCLING_GENES
15	-11.05	2e-04	327	GSEA C2BLUM_RESPONSE_TO_SALIRASIB_DN
16	-10.98	2e-04	81	GSEA C2GRAHAM_NORMAL_QUIESCENT_VS_NORMAL_DIVIDING_DN
17	-10.95	2e-04	72	GSEA C2CROONQUIST_NRAS_SIGNALING_DN
18	-10.73	2e-04	116	GSEA C2MISSIAGLIA_REGULATED_BY_METHYLATION_DN
19	-10.71	2e-04	58	GSEA C2SONG_TARGETS_OF_IE86_CMV_PROTEIN
20	-10.69	2e-04	291	GSEA C2HORIUCHI_WTAP_TARGETS_DN



B3_mel

Local Summary

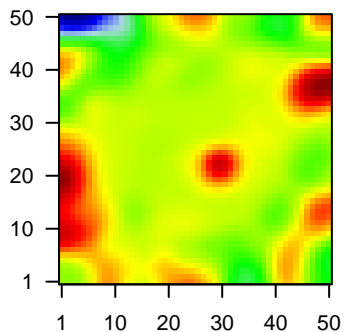
%DE = 0.71
 # metagenes = 7
 # genes = 155
 # genes in genesets = 154

 # genes with $fdr < 0.1$ = 78 (61 + / 17 -)
 # genes with $fdr < 0.05$ = 65 (53 + / 12 -)
 # genes with $fdr < 0.01$ = 43 (36 + / 7 -)

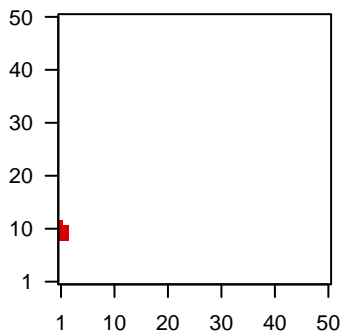
$\langle r \rangle$ metagenes = 0.98
 $\langle r \rangle$ genes = 0.17

$\langle FC \rangle$ = 0.26
 $\langle \text{shrinkage-t} \rangle$ = 4.18
 $\langle p\text{-value} \rangle$ = 0.01
 $\langle fdr \rangle$ = 0.54

Profile



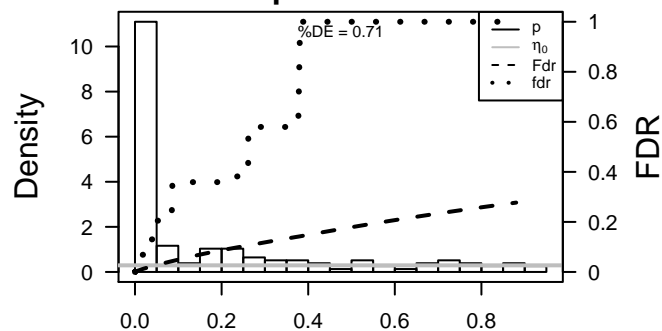
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	DCT	-1.37	2e-16	1e-14	1 x 11 dopachrome tautomerase [Source:HGNC Symbol;Acc:HGNC
2	POPDC2	1.86	5e-14	2e-09	1 x 9 popeye domain containing 2 [Source:HGNC Symbol;Acc:HGNC
3	KCNQ5	1.62	4e-11	5e-08	1 x 10 potassium channel, voltage gated KQT-like subfamily Q, mer
4	XG	1.5	1e-09	2e-07	2 x 9 Xg blood group [Source:HGNC Symbol;Acc:HGNC:12806]
5	RAPGEF6	1.44	5e-09	7e-07	1 x 10 Rap guanine nucleotide exchange factor (GEF) 6 [Source:HG
6	MCF2L	1.35	4e-08	7e-07	1 x 10 MCF.2 cell line derived transforming sequence-like [Source:HG
7	C1orf54	1.34	5e-08	7e-07	1 x 11 chromosome 1 open reading frame 54 [Source:HGNC Symbol;Acc:HGNC:12706]
8	RGS12	1.33	6e-08	7e-07	1 x 9 regulator of G-protein signaling 12 [Source:HGNC Symbol;Acc:HGNC:10522]
9	WDR3	1.33	7e-08	5e-06	1 x 12 WD repeat domain 3 [Source:HGNC Symbol;Acc:HGNC:12706]
10	SAT1	0.52	2e-07	9e-06	1 x 11 spermidine/spermine N1-acetyltransferase 1 [Source:HGNC
11	BCAT2	1.24	5e-07	9e-06	1 x 11 branched chain amino-acid transaminase 2, mitochondrial [S
12	PRKCH	1.23	6e-07	9e-06	1 x 12 protein kinase C, eta [Source:HGNC Symbol;Acc:HGNC:9406]
13	CXorf23	1.21	9e-07	9e-06	1 x 9 chromosome X open reading frame 23 [Source:HGNC Symbol;Acc:HGNC:12706]
14	C12orf73	1.2	1e-06	3e-05	1 x 10 chromosome 12 open reading frame 73 [Source:HGNC Symbol;Acc:HGNC:12706]
15	BBS5	1.17	2e-06	3e-05	1 x 11 Bardet-Biedl syndrome 5 [Source:HGNC Symbol;Acc:HGNC:10522]
16	GDPD5	1.17	2e-06	9e-05	1 x 12 glycerophosphodiester phosphodiesterase domain containing
17	GALNTL6	1.13	4e-06	2e-04	1 x 11 polypeptide N-acetylgalactosaminyltransferase-like 6 [Source:HGNC Symbol;Acc:HGNC:10522]
18	BIN1	1.07	1e-05	2e-04	1 x 10 bridging integrator 1 [Source:HGNC Symbol;Acc:HGNC:10522]
19	WDR48	0.98	2e-05	2e-04	1 x 9 WD repeat domain 48 [Source:HGNC Symbol;Acc:HGNC:30522]
20	FAM69A	1.05	2e-05	2e-04	1 x 12 family with sequence similarity 69, member A [Source:HGNC

p-values



B3_mel

Local Summary

%DE = 0.85
 # metagenes = 20
 # genes = 294
 # genes in genesets = 293

 # genes with $fdr < 0.1$ = 182 (155 + / 27 -)
 # genes with $fdr < 0.05$ = 164 (142 + / 22 -)
 # genes with $fdr < 0.01$ = 111 (97 + / 14 -)

<r> metagenes = 0.92

<r> genes = 0.13

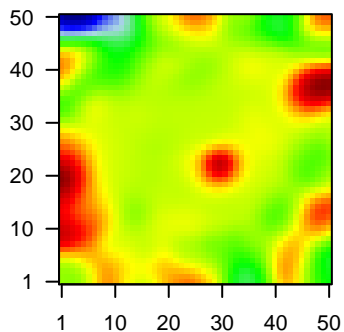
<FC> = 0.32

<shrinkage-t> = 5.28

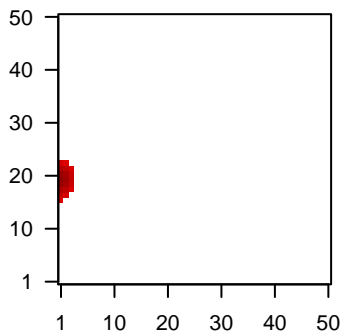
<p-value> = 0.01

<fdr> = 0.55

Profile



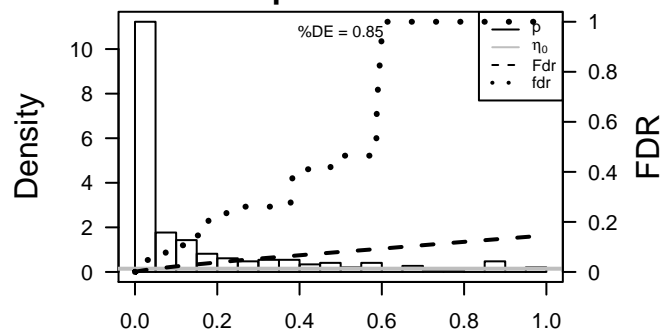
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	GPAA1	-1.42	4e-11	2e-09	1 x 22 glycosylphosphatidylinositol anchor attachment 1 [Source:HG
2	GET4	1.6	9e-11	1e-06	1 x 19 golgi to ER traffic protein 4 homolog (S. cerevisiae) [Source:-
3	OGFOD3	1.36	3e-08	2e-06	1 x 21 2-oxoglutarate and iron-dependent oxygenase domain conta
4	NRSN2	-1.23	1e-07	2e-06	1 x 19 neurensins 2 [Source:HGNC Symbol;Acc:HGNC:16229]
5	RAB32	0.61	2e-07	2e-06	1 x 20 RAB32, member RAS oncogene family [Source:HGNC Symb
6	C9orf91	1.28	2e-07	6e-06	1 x 16 chromosome 9 open reading frame 91 [Source:HGNC Symbc
7	SQSTM1	0.57	4e-07	6e-06	1 x 21 sequestosome 1 [Source:HGNC Symbol;Acc:HGNC:11280]
8	FAM120AOS	1.24	5e-07	1e-05	1 x 19 family with sequence similarity 120A opposite strand [Source:
9	BID	1.22	7e-07	1e-05	1 x 16 BH3 interacting domain death agonist [Source:HGNC Symbo
10	E2F4	1.2	1e-06	2e-05	1 x 20 E2F transcription factor 4, p107/p130-binding [Source:HGNC
11	PUSL1	1.18	2e-06	2e-05	2 x 22 pseudouridylyl synthase-like 1 [Source:HGNC Symbol;Acc:
12	PIGY	0.54	2e-06	2e-05	1 x 20 phosphatidylinositol glycan anchor biosynthesis, class Y [Sou
13	UBE2J2	1.17	2e-06	4e-05	1 x 20 ubiquitin-conjugating enzyme E2, J2 [Source:HGNC Symbol;
14	SH3GLB1	1.15	3e-06	4e-05	1 x 20 SH3-domain GRB2-like endophilin B1 [Source:HGNC Symb
15	EDRF1	1.12	5e-06	4e-05	3 x 20 erythroid differentiation regulatory factor 1 [Source:HGNC Syr
16	RNF144A	1.11	6e-06	4e-05	1 x 17 ring finger protein 144A [Source:HGNC Symbol;Acc:HGNC:2
17	ATP2C1	-1.1	6e-06	4e-05	1 x 17 ATPase, Ca++ transporting, type 2C, member 1 [Source:HGNC
18	PDIA3	0.65	7e-06	4e-05	1 x 20 protein disulfide isomerase family A, member 3 [Source:HGNC
19	NUDT14	1.1	7e-06	4e-05	1 x 21 nudix (nucleoside diphosphate linked moiety X)-type motif 14
20	NR2C2AP	1.1	8e-06	5e-05	1 x 21 nuclear receptor 2C2-associated protein [Source:HGNC Syrr

p-values



B3_mel

Local Summary

%DE = 0.97
 # metagenes = 6
 # genes = 62
 # genes in genesets = 61

 # genes with $fdr < 0.1$ = 60 (60 + / 0 -)
 # genes with $fdr < 0.05$ = 54 (54 + / 0 -)
 # genes with $fdr < 0.01$ = 45 (45 + / 0 -)

<r> metagenes = 0.97

<r> genes = 0.51

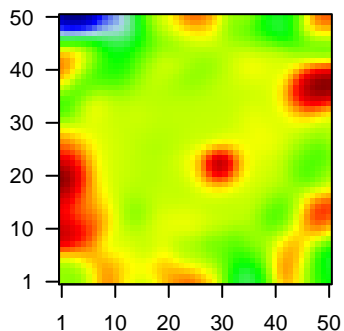
<FC> = 0.8

<shrinkage-t> = 12.08

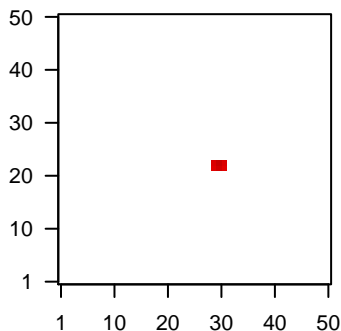
<p-value> = 0

<fdr> = 0.33

Profile



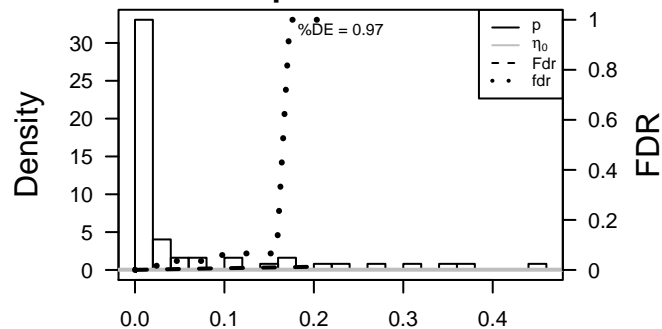
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	NMU	1.69	8e-12	7e-12	30 x 23 neuromedin U [Source:HGNC Symbol;Acc:HGNC:7859]
2	D2HGDH	1.68	8e-12	1e-09	30 x 23 D-2-hydroxyglutarate dehydrogenase [Source:HGNC Symbc
3	PARP16	1.52	7e-10	2e-09	30 x 23 poly (ADP-ribose) polymerase family, member 16 [Source:HC
4	ZNF177	1.48	2e-09	2e-09	30 x 23 zinc finger protein 177 [Source:HGNC Symbol;Acc:HGNC:12
5	GSAP	1.47	3e-09	3e-09	30 x 23 gamma-secretase activating protein [Source:HGNC Symbol;
6	HMSD	1.45	4e-09	6e-09	30 x 23 histocompatibility (minor) serpin domain containing [Source:H
7	TTR	1.42	7e-09	2e-08	30 x 23 transthyretin [Source:HGNC Symbol;Acc:HGNC:12405]
8	RBM24	1.39	2e-08	6e-08	30 x 23 RNA binding motif protein 24 [Source:HGNC Symbol;Acc:HG
9	XIRP2	1.33	7e-08	6e-08	30 x 23 xin actin-binding repeat containing 2 [Source:HGNC Symbol;
10	DIXDC1	1.32	9e-08	2e-07	30 x 23 DIX domain containing 1 [Source:HGNC Symbol;Acc:HGNC::
11	RMI2	1.27	3e-07	2e-07	30 x 23 RecQ mediated genome instability 2 [Source:HGNC Symbol;
12	LEKR1	1.27	3e-07	2e-06	30 x 23 leucine, glutamate and lysine rich 1 [Source:HGNC Symbol;A
13	ROM1	1.15	3e-06	2e-06	30 x 23 retinal outer segment membrane protein 1 [Source:HGNC Sy
14	TM7SF2	1.13	4e-06	2e-06	30 x 23 transmembrane 7 superfamily member 2 [Source:HGNC Sym
15	GRK5	1.12	5e-06	2e-06	30 x 23 G protein-coupled receptor kinase 5 [Source:HGNC Symbol;
16	C20orf144	1.12	5e-06	1e-05	30 x 23 chromosome 20 open reading frame 144 [Source:HGNC Syrr
17	SLX4IP	1.08	1e-05	7e-05	30 x 23 SLX4 interacting protein [Source:HGNC Symbol;Acc:HGNC:1
18	ZNF584	0.97	9e-05	7e-05	29 x 22 zinc finger protein 584 [Source:HGNC Symbol;Acc:HGNC:27
19	FAM186B	0.94	1e-04	7e-05	30 x 23 family with sequence similarity 186, member B [Source:HGN
20	TMEM253	0.94	1e-04	7e-05	30 x 23 transmembrane protein 253 [Source:HGNC Symbol;Acc:HGN

p-values



B3_mel

Local Summary

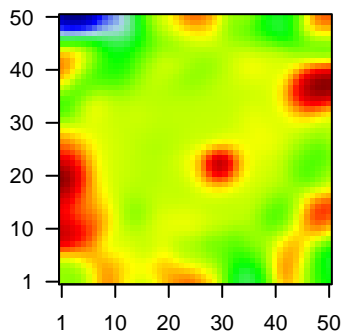
%DE = 0.73
 # metagenes = 26
 # genes = 194
 # genes in genesets = 193

 # genes with $fdr < 0.1$ = 114 (101 + / 13 -)
 # genes with $fdr < 0.05$ = 72 (66 + / 6 -)
 # genes with $fdr < 0.01$ = 53 (47 + / 6 -)

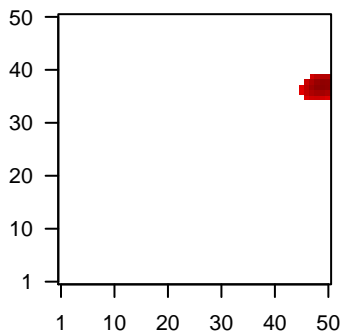
$\langle r \rangle$ metagenes = 0.9
 $\langle r \rangle$ genes = 0.08

 $\langle FC \rangle$ = 0.38
 $\langle \text{shrinkage-t} \rangle$ = 6.31
 $\langle p\text{-value} \rangle$ = 0.01
 $\langle fdr \rangle$ = 0.6

Profile



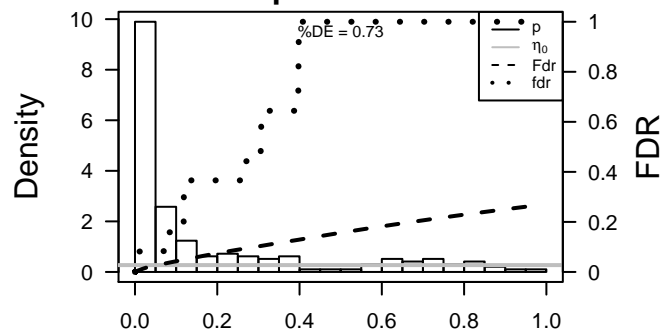
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	LHPP	1.6	8e-11	2e-07	46 x 36 phospholysine phosphohistidine inorganic pyrophosphate phr
2	KPNA5	1.45	4e-09	3e-07	50 x 38 karyopherin alpha 5 (importin alpha 6) [Source:HGNC Symbc
3	TSG101	0.64	1e-08	3e-07	46 x 37 tumor susceptibility 101 [Source:HGNC Symbol;Acc:HGNC:1
4	SYNPR	1.38	2e-08	3e-07	48 x 39 synaptoporin [Source:HGNC Symbol;Acc:HGNC:16507]
5	ZNF678	1.37	2e-08	8e-07	50 x 37 zinc finger protein 678 [Source:HGNC Symbol;Acc:HGNC:28
6	KHDRBS3	1.35	5e-08	8e-07	47 x 37 KH domain containing, RNA binding, signal transduction assc
7	PGBD3	1.34	5e-08	2e-06	48 x 36 piggyBac transposable element derived 3 [Source:HGNC Syr
8	ELP3	1.31	9e-08	2e-06	47 x 38 elongator acetyltransferase complex subunit 3 [Source:HGNC
9	RNF139	1.3	1e-07	2e-05	50 x 37 ring finger protein 139 [Source:HGNC Symbol;Acc:HGNC:171
10	FAM13B	1.23	6e-07	2e-05	50 x 36 family with sequence similarity 13, member B [Source:HGNC
11	ZNF720	1.2	1e-06	2e-05	47 x 36 zinc finger protein 720 [Source:HGNC Symbol;Acc:HGNC:26
12	PROCR	1.2	1e-06	2e-05	50 x 36 protein C receptor, endothelial [Source:HGNC Symbol;Acc:H
13	CAPS2	1.19	1e-06	3e-05	50 x 37 calcyphosine 2 [Source:HGNC Symbol;Acc:HGNC:16471]
14	RNFT1	-1.15	2e-06	3e-05	50 x 39 ring finger protein, transmembrane 1 [Source:HGNC Symbol;
15	PIK3C3	1.02	2e-06	3e-05	46 x 38 phosphatidylinositol 3-kinase, catalytic subunit type 3 [Sourc
16	IKZF5	1.15	3e-06	5e-05	50 x 38 IKAROS family zinc finger 5 (Pegasus) [Source:HGNC Symb
17	HACL1	1.12	5e-06	5e-05	50 x 39 2-hydroxyacyl-CoA lyase 1 [Source:HGNC Symbol;Acc:HGN
18	DEDD	-1.1	6e-06	5e-05	50 x 38 death effector domain containing [Source:HGNC Symbol;Acc
19	TMEM173	1.11	6e-06	5e-05	50 x 38 transmembrane protein 173 [Source:HGNC Symbol;Acc:HGN
20	DNAAF2	1.11	7e-06	8e-05	50 x 38 dynein, axonemal, assembly factor 2 [Source:HGNC Symbol;

p-values



B3_mel

Local Summary

%DE = 0.88
 # metagenes = 22
 # genes = 345
 # genes in genesets = 344

 # genes with $fdr < 0.1$ = 234 (24 + / 210 -)
 # genes with $fdr < 0.05$ = 228 (23 + / 205 -)
 # genes with $fdr < 0.01$ = 145 (17 + / 128 -)

<r> metagenes = 0.92

<r> genes = 0.3

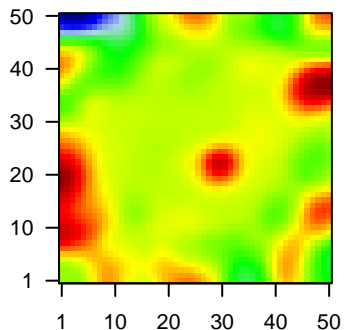
<FC> = -0.49

<shrinkage-t> = -8.04

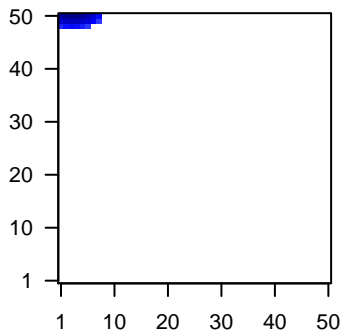
<p-value> = 0

<fdr> = 0.48

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	CKS2	-1.65	2e-16	2e-15	5 x 50 CDC28 protein kinase regulatory subunit 2 [Source:HGNC S]
2	EBP	-2.01	2e-16	2e-15	1 x 48 emopamil binding protein (sterol isomerase) [Source:HGNC S]
3	EXOSC8	-1.71	2e-16	2e-15	1 x 50 exosome component 8 [Source:HGNC Symbol;Acc:HGNC:17
4	PTTG1	-1.37	2e-16	2e-15	7 x 50 pituitary tumor-transforming 1 [Source:HGNC Symbol;Acc:HK
5	TUBG1	-1.69	2e-16	2e-15	2 x 49 tubulin, gamma 1 [Source:HGNC Symbol;Acc:HGNC:12417]
6	STMN1	-0.81	4e-16	9e-15	5 x 50 stathmin 1 [Source:HGNC Symbol;Acc:HGNC:6510]
7	RRM1	-1.58	7e-16	6e-14	2 x 50 ribonucleotide reductase M1 [Source:HGNC Symbol;Acc:HGI
8	NUP85	-1.56	2e-15	1e-13	1 x 50 nucleoporin 85kDa [Source:HGNC Symbol;Acc:HGNC:8734]
9	TK1	-1.55	5e-15	1e-10	4 x 50 thymidine kinase 1, soluble [Source:HGNC Symbol;Acc:HGN
10	CDKN3	-1.27	3e-12	1e-10	6 x 50 cyclin-dependent kinase inhibitor 3 [Source:HGNC Symbol;A
11	GMNN	-1.45	6e-12	1e-09	2 x 50 geminin, DNA replication inhibitor [Source:HGNC Symbol;Acc
12	HSD17B11	-1.4	7e-11	1e-09	8 x 50 hydroxysteroid (17-beta) dehydrogenase 11 [Source:HGNC S]
13	SMC4	-1.33	7e-11	3e-09	5 x 50 structural maintenance of chromosomes 4 [Source:HGNC Sy
14	RFC5	-1.39	2e-10	1e-08	2 x 50 replication factor C (activator 1) 5, 36.5kDa [Source:HGNC S]
15	MCM3	-1.24	4e-10	1e-08	1 x 50 minichromosome maintenance complex component 3 [Source
16	MAD2L1	-1.35	8e-10	6e-08	5 x 50 MAD2 mitotic arrest deficient-like 1 (yeast) [Source:HGNC S]
17	SMCHD1	-1.33	2e-09	1e-07	1 x 48 structural maintenance of chromosomes flexible hinge domain
18	HLTF	-1.25	5e-09	1e-07	3 x 48 helicase-like transcription factor [Source:HGNC Symbol;Acc:
19	MCM4	-1.13	7e-09	1e-07	1 x 50 minichromosome maintenance complex component 4 [Source
20	KIAA0101	-1.29	1e-08	5e-07	3 x 50 KIAA0101 [Source:HGNC Symbol;Acc:HGNC:28961]

p-values

