

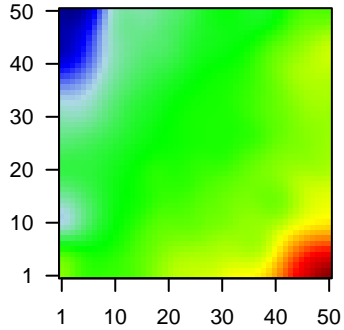
MSC3

Global Summary

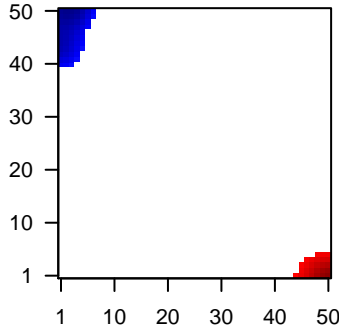
%DE = 0.13
 # genes with fdr < 0.2 = 1333 (518 + / 815 -)
 # genes with fdr < 0.1 = 952 (335 + / 617 -)
 # genes with fdr < 0.05 = 756 (248 + / 508 -)
 # genes with fdr < 0.01 = 440 (129 + / 311 -)
 # genes in genesets = 14839

<FC> = 0
 <shrinkage-t> = 0
 <p-value> = 0.15
 <fdr> = 0.87

Profile



Regulated Spots



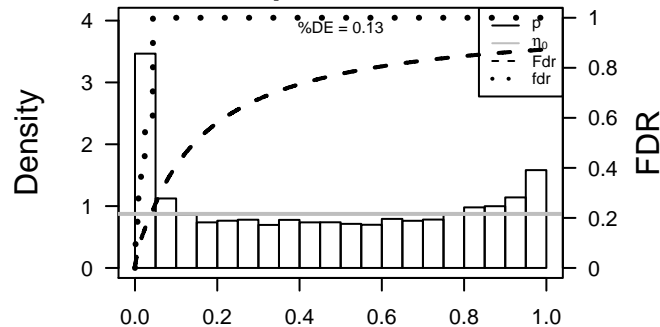
Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ANXA1	0.89	2e-16	2e-13	50 x 1 annexin A1 [Source:HGNC Symbol;Acc:HGNC:533]
2	ARHGAP8	-0.81	2e-16	2e-13	1 x 43 Rho GTPase activating protein 8 [Source:HGNC Symbol;Acc:HGNC:23899]
3	ASF1B	-0.58	2e-16	2e-13	4 x 50 anti-silencing function 1B histone chaperone [Source:HGNC Symbol;Acc:HGNC:1441]
4	CALD1	0.38	2e-16	2e-13	50 x 1 caldesmon 1 [Source:HGNC Symbol;Acc:HGNC:1441]
5	CRYAB	0.66	2e-16	2e-13	50 x 1 crystallin, alpha B [Source:HGNC Symbol;Acc:HGNC:23899]
6	EDIL3	0.63	2e-16	2e-13	50 x 1 EGF-like repeats and discoidin I-like domains 3 [Source:HGNC Symbol;Acc:HGNC:28961]
7	EXO1	-0.46	2e-16	2e-13	1 x 50 exonuclease 1 [Source:HGNC Symbol;Acc:HGNC:3511]
8	GAPDHS	-0.68	2e-16	2e-13	1 x 43 glyceraldehyde-3-phosphate dehydrogenase, spermatogenic 1 [Source:HGNC Symbol;Acc:HGNC:28961]
9	KIAA0101	-0.56	2e-16	2e-13	3 x 50 KIAA0101 [Source:HGNC Symbol;Acc:HGNC:28961]
10	MCM5	-0.51	2e-16	2e-13	1 x 49 minichromosome maintenance complex component 5 [Source:HGNC Symbol;Acc:HGNC:7325]
11	MSH2	-0.61	2e-16	2e-13	1 x 49 mutS homolog 2 [Source:HGNC Symbol;Acc:HGNC:7325]
12	MYOF	0.72	2e-16	2e-13	50 x 1 myoferlin [Source:HGNC Symbol;Acc:HGNC:3656]
13	NMRK2	-0.88	2e-16	2e-13	1 x 44 nicotinamide riboside kinase 2 [Source:HGNC Symbol;Acc:HGNC:19699]
14	PLK2	0.53	2e-16	2e-13	50 x 1 polo-like kinase 2 [Source:HGNC Symbol;Acc:HGNC:19699]
15	PTPRM	0.63	2e-16	2e-13	50 x 1 protein tyrosine phosphatase, receptor type, M [Source:HGNC Symbol;Acc:HGNC:19699]
16	SNAP23	0.42	2e-16	2e-13	50 x 1 synaptosomal-associated protein, 23kDa [Source:HGNC Symbol;Acc:HGNC:19699]
17	SPARC	0.41	2e-16	2e-13	50 x 2 secreted protein, acidic, cysteine-rich (osteonectin) [Source:HGNC Symbol;Acc:HGNC:19699]
18	ST6GALNAC1	-0.83	2e-16	2e-13	1 x 44 ST6 (alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-transferase [Source:HGNC Symbol;Acc:HGNC:19699]
19	UBE2T	-0.53	2e-16	2e-13	4 x 50 ubiquitin-conjugating enzyme E2T [Source:HGNC Symbol;Acc:HGNC:19699]
20	KNTC1	-0.57	7e-16	6e-12	1 x 50 kinetochore associated 1 [Source:HGNC Symbol;Acc:HGNC:19699]

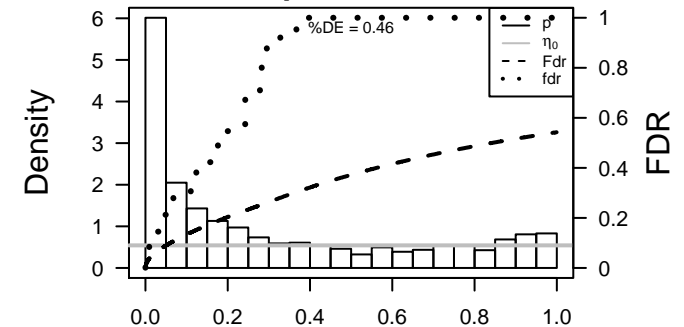
Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	11.99	3e-05	472	GSEA C2DUTERTRE_ESTRADIOL_RESPONSE_24HR_DN
2	11.37	4e-05	594	GSEA C2WONG_ADULT_TISSUE_STEM_MODULE
3	11.23	4e-05	302	GSEA C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_DN
4	10.4	8e-05	3396	LymphomaOPP_Repressed
5	10.27	8e-05	286	GSEA C2PASINI_SUZ12_TARGETS_DN
6	10.13	1e-04	385	GSEA C2REN_ALVEOLAR_RHABDOMYOSARCOMA_DN
7	9.97	1e-04	749	GSEA C2CUL_TCF21_TARGETS_2_DN
8	9.48	2e-04	2188	LymphomaOPP_Poised_promoter
9	9.33	2e-04	212	LymphomaENZ_Stromal_signature_1
10	9.26	2e-04	930	GSEA C2NUYTEN_EZH2_TARGETS_UP
11	8.92	2e-04	784	GSEA C2BUYTERT_PHOTODYNAMIC_THERAPY_STRESS_UP
12	8.72	2e-04	616	GSEA C2NABA_MATRISOME
13	8.31	3e-04	245	GSEA C2WANG_SMARCE1_TARGETS_UP
14	8.21	3e-04	683	GSEA C2KRIGE_RESPONSE_TO_TOSEDOSTAT_24HR_UP
15	8.14	3e-04	281	Colon CancerTrack_CRC_TCGA_group.over_B_msi-h_UP
16	8	3e-04	168	HM HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION
17	7.94	3e-04	117	Colon CancerTrack_CRC-cluster-b
18	7.86	3e-04	396	GSEA C2JOHNSTONE_PARVB_TARGETS_3_UP
19	7.86	3e-04	271	GSEA C2ZHANG_TLX_TARGETS_60HR_UP
20	7.8	3e-04	730	GSEA C2RODRIGUES_THYROID_CARCINOMA_POORLY_DIFFERENTIATED
<i>Underexpressed</i>				
1	-30.81	0e+00	305	GSEA C2DUTERTRE_ESTRADIOL_RESPONSE_24HR_UP
2	-29.74	0e+00	242	GSEA C2KOBAYASHI_EGFR_SIGNALING_24HR_DN
3	-29.68	0e+00	142	Glio WILLSCHER_GBM_Verhaak-CL_up (C)
4	-28.33	0e+00	550	GSEA C2SOBERT_OLIGODENDROCYTE_DIFFERENTIATION_UP
5	-27.66	0e+00	1192	GSEA C2KINSEY_TARGETS_OF_EWSR1_FLII_FUSION_UP
6	-27.52	0e+00	197	HM HALLMARK_E2F_TARGETS
7	-27.12	3e-04	16	Cancer SOTIRIOU_BREAST_CANCER_GRADE_1_VS_3_UP
8	-26.71	0e+00	139	GSEA C2ROSTY_CERVICAL_CANCER_PROLIFERATION_CLUSTER
9	-26.53	0e+00	267	GSEA C2ZHANG_TLX_TARGETS_60HR_DN
10	-26.18	0e+00	436	GSEA C2SHEDDEN_LUNG_CANCER_POOR_SURVIVAL_A6
11	-25.34	0e+00	700	GSEA C2MARSON_BOUND_BY_E2F4_UNSTIMULATED
12	-24.52	0e+00	81	GSEA C2GRAHAM_NORMAL QUIESCENT_VS_NORMAL_DIVIDING_DN
13	-23.34	0e+00	724	GSEA C2PUJANA_CHEK2_PCC_NETWORK
14	-23.21	0e+00	390	GSEA C2PUJANA_BRCA2_PCC_NETWORK
15	-22.89	0e+00	327	GSEA C2BLUM_RESPONSE_TO_SALIRASIB_DN
16	-22.82	0e+00	145	GSEA C2ZHANG_CYCLING_GENES
17	-22.75	0e+00	96	GSEA C2CROONQUIST_IL6_DEPRIVATION_DN
18	-22.45	0e+00	110	GSEA C2WHITEFORD_PEDIATRIC_CANCER_MARKERS
19	-22.4	0e+00	162	GSEA C2GRAHAM_CML_DIVIDING_VS_NORMAL QUIESCENT_UP
20	-22.05	0e+00	50	GSEA C2SHIDA_E2F_TARGETS

p-values



p-values



MSC3

Local Summary

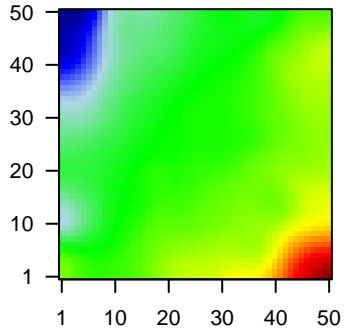
%DE = 0.97
 # metagenes = 27
 # genes = 411
 # genes in genesets = 411

 # genes with $fdr < 0.1$ = 390 (390 + / 0 -)
 # genes with $fdr < 0.05$ = 383 (383 + / 0 -)
 # genes with $fdr < 0.01$ = 334 (334 + / 0 -)

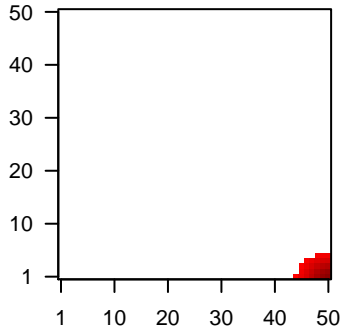
<r> metagenes = 1
 <r> genes = 0.85

 <FC> = 0.24
 <shrinkage-t> = 2.17
 <p-value> = 0
 <fdr> = 0.3

Profile



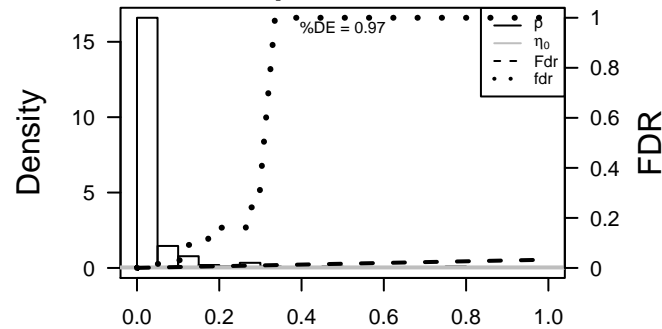
Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ANXA1	0.89	2e-16	3e-16	50 x 1 annexin A1 [Source:HGNC Symbol;Acc:HGNC:533]
2	CALD1	0.38	2e-16	3e-16	50 x 1 caldesmon 1 [Source:HGNC Symbol;Acc:HGNC:1441]
3	CRYAB	0.66	2e-16	3e-16	50 x 1 crystallin, alpha B [Source:HGNC Symbol;Acc:HGNC:2389]
4	EDIL3	0.63	2e-16	3e-16	50 x 1 EGF-like repeats and discoidin I-like domains 3 [Source:HGI
5	MYOF	0.72	2e-16	3e-16	50 x 1 myoferlin [Source:HGNC Symbol;Acc:HGNC:3656]
6	PLK2	0.53	2e-16	3e-16	50 x 1 polo-like kinase 2 [Source:HGNC Symbol;Acc:HGNC:19699]
7	PTPRM	0.63	2e-16	3e-16	50 x 1 protein tyrosine phosphatase, receptor type, M [Source:HGN
8	SNAP23	0.42	2e-16	3e-16	50 x 1 synaptosomal-associated protein, 23kDa [Source:HGNC Syr
9	SPARC	0.41	2e-16	3e-16	50 x 2 secreted protein, acidic, cysteine-rich (osteonectin) [Source:f
10	TMEM45A	0.63	3e-15	2e-13	50 x 1 transmembrane protein 45A [Source:HGNC Symbol;Acc:HG
11	C5orf15	0.31	2e-14	5e-11	48 x 5 chromosome 5 open reading frame 15 [Source:HGNC Symbc
12	TOB1	0.25	5e-12	5e-11	50 x 5 transducer of ERBB2, 1 [Source:HGNC Symbol;Acc:HGNC:1
13	F2R	0.58	1e-11	5e-11	50 x 1 coagulation factor II (thrombin) receptor [Source:HGNC Synt
14	VIM	0.29	1e-11	5e-11	50 x 2 vimentin [Source:HGNC Symbol;Acc:HGNC:12692]
15	MARCKS	0.19	2e-11	3e-10	46 x 1 myristoylated alanine-rich protein kinase C substrate [Source
16	MBNL2	0.42	5e-11	3e-10	50 x 1 muscleblind-like splicing regulator 2 [Source:HGNC Symbol;v
17	ANXA2	0.23	7e-11	3e-10	50 x 3 annexin A2 [Source:HGNC Symbol;Acc:HGNC:537]
18	TNFRSF12A	0.63	1e-10	3e-10	50 x 1 tumor necrosis factor receptor superfamily, member 12A [Sou
19	LIMCH1	0.53	1e-10	3e-10	50 x 1 LIM and calponin homology domains 1 [Source:HGNC Symb
20	SPOCK1	0.53	1e-10	2e-09	50 x 1 sparc/osteonectin, cwcv and kazal-like domains proteoglycar

p-values



MSC3

Local Summary

%DE = 0.98
 # metagenes = 57
 # genes = 778
 # genes in genesets = 775

 # genes with $fdr < 0.1$ = 748 (0 + / 748 -)
 # genes with $fdr < 0.05$ = 741 (0 + / 741 -)
 # genes with $fdr < 0.01$ = 658 (0 + / 658 -)

<r> metagenes = 0.86

<r> genes = 0.72

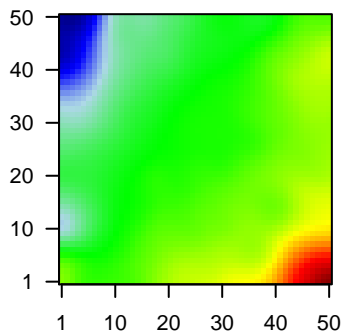
<FC> = -0.24

<shrinkage-t> = -2.4

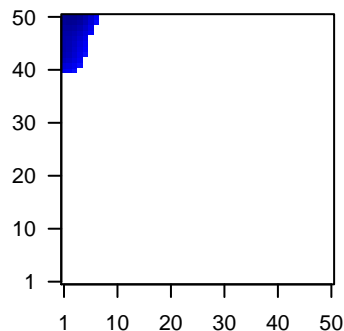
<p-value> = 0

<fdr> = 0.24

Profile



Spot



Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ARHGAP8	-0.81	2e-16	4e-16	1 x 43 Rho GTPase activating protein 8 [Source:HGNC Symbol;Acc:HGNC:10000]
2	ASF1B	-0.58	2e-16	4e-16	4 x 50 anti-silencing function 1B histone chaperone [Source:HGNC Symbol;Acc:HGNC:10000]
3	EXO1	-0.46	2e-16	4e-16	1 x 50 exonuclease 1 [Source:HGNC Symbol;Acc:HGNC:3511]
4	GAPDHS	-0.68	2e-16	4e-16	1 x 43 glyceraldehyde-3-phosphate dehydrogenase, spermatogenic 1 [Source:HGNC Symbol;Acc:HGNC:10000]
5	KIAA0101	-0.56	2e-16	4e-16	3 x 50 KIAA0101 [Source:HGNC Symbol;Acc:HGNC:28961]
6	MCM5	-0.51	2e-16	4e-16	1 x 49 minichromosome maintenance complex component 5 [Source:HGNC Symbol;Acc:HGNC:10000]
7	MSH2	-0.61	2e-16	4e-16	1 x 49 mutS homolog 2 [Source:HGNC Symbol;Acc:HGNC:7325]
8	NMRK2	-0.88	2e-16	4e-16	1 x 44 nicotinamide riboside kinase 2 [Source:HGNC Symbol;Acc:HGNC:10000]
9	ST6GALNAC1	-0.83	2e-16	4e-16	1 x 44 ST6 (alpha-N-acetylneuraminyl-2,3-beta-galactosyl-1,3)-galactosyltransferase 1 [Source:HGNC Symbol;Acc:HGNC:10000]
10	UBE2T	-0.53	2e-16	4e-16	4 x 50 ubiquitin-conjugating enzyme E2T [Source:HGNC Symbol;Acc:HGNC:10000]
11	KNTC1	-0.57	7e-16	7e-15	1 x 50 kinetochore associated 1 [Source:HGNC Symbol;Acc:HGNC:10000]
12	GINS2	-0.52	1e-15	7e-15	1 x 50 GINS complex subunit 2 (Psf2 homolog) [Source:HGNC Symbol;Acc:HGNC:10000]
13	RRM2	-0.39	2e-15	1e-14	5 x 50 ribonucleotide reductase M2 [Source:HGNC Symbol;Acc:HGNC:10000]
14	CDK1	-0.52	2e-15	1e-14	5 x 50 cyclin-dependent kinase 1 [Source:HGNC Symbol;Acc:HGNC:10000]
15	HIST1H4C	-0.19	3e-15	2e-14	5 x 49 histone cluster 1, H4c [Source:HGNC Symbol;Acc:HGNC:4781]
16	TRIP13	-0.54	6e-15	2e-14	5 x 50 thyroid hormone receptor interactor 13 [Source:HGNC Symbol;Acc:HGNC:10000]
17	DTL	-0.49	6e-15	5e-14	1 x 50 denticleless E3 ubiquitin protein ligase homolog (Drosophila) [Source:HGNC Symbol;Acc:HGNC:10000]
18	GMNN	-0.57	9e-15	5e-13	2 x 50 geminin, DNA replication inhibitor [Source:HGNC Symbol;Acc:HGNC:10000]
19	CHCHD6	-0.65	4e-14	6e-13	1 x 43 coiled-coil-helix-coiled-coil-helix domain containing 6 [Source:HGNC Symbol;Acc:HGNC:10000]
20	FBXO5	-0.37	8e-14	8e-13	4 x 50 F-box protein 5 [Source:HGNC Symbol;Acc:HGNC:13584]

p-values

