

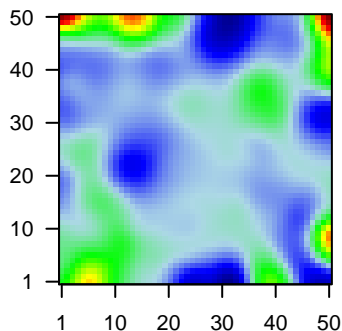
GW_111

Global Summary

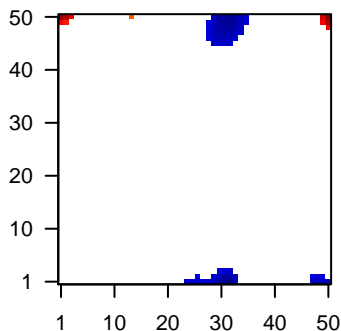
%DE = 0.14
 # genes with $fdr < 0.2$ = 1812 (1103 + / 709 -)
 # genes with $fdr < 0.1$ = 1341 (878 + / 463 -)
 # genes with $fdr < 0.05$ = 1132 (761 + / 371 -)
 # genes with $fdr < 0.01$ = 816 (594 + / 222 -)
 # genes in genesets = 16332

<FC> = 0
 <shrinkage-t> = 0
 <p-value> = 0.1
 <fdr> = 0.86

Profile



Regulated Spots



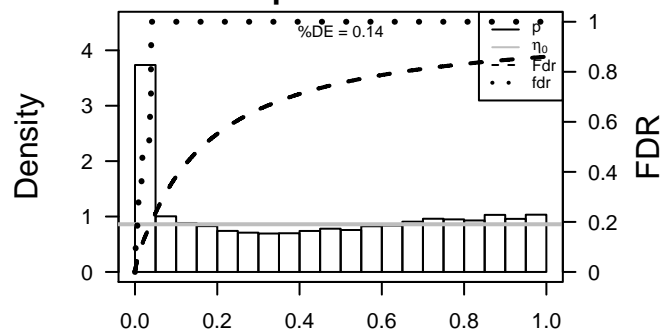
Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	154664	1.59	2e-16	2e-14	50 x 50 ATP-binding cassette, sub-family A (ABC1), member 13 [Source:HGNC Symbol;Acc:23760]
2	24	1.44	2e-16	2e-14	16 x 50 ATP-binding cassette, sub-family A (ABC1), member 4 [Source:HGNC Symbol;Acc:23760]
3	79852	1.32	2e-16	2e-14	3 x 50 epoxide hydrolase 3 [Source:HGNC Symbol;Acc:23760]
4	8745	1.66	2e-16	2e-14	50 x 50 ADAM metallopeptidase domain 23 [Source:HGNC Symbol;Acc:23760]
5	9510	1.28	2e-16	2e-14	6 x 1 ADAM metallopeptidase with thrombospondin type 1 motif, 1 [Source:HGNC Symbol;Acc:23760]
6	131	1.53	2e-16	2e-14	1 x 50 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide [Source:HGNC Symbol;Acc:23760]
7	57016	2.28	2e-16	2e-14	1 x 50 aldo-keto reductase family 1, member B10 (aldose reductase) [Source:HGNC Symbol;Acc:23760]
8	441282	2.07	2e-16	2e-14	1 x 49 aldo-keto reductase family 1, member B15 [Source:HGNC Symbol;Acc:23760]
9	1646	1.28	2e-16	2e-14	13 x 50 aldo-keto reductase family 1, member C2 [Source:HGNC Symbol;Acc:23760]
10	8644	1.91	2e-16	2e-14	1 x 50 aldo-keto reductase family 1, member C3 [Source:HGNC Symbol;Acc:23760]
11	1109	2.04	2e-16	2e-14	13 x 50 aldo-keto reductase family 1, member C4 [Source:HGNC Symbol;Acc:23760]
12	214	1.79	2e-16	2e-14	50 x 50 activated leukocyte cell adhesion molecule [Source:HGNC Symbol;Acc:23760]
13	218	2.79	2e-16	2e-14	1 x 50 aldehyde dehydrogenase 3 family, member A1 [Source:HGNC Symbol;Acc:23760]
14	401138	2.09	2e-16	2e-14	1 x 5 amelotin [Source:HGNC Symbol;Acc:33188]
15	147463	1.34	2e-16	2e-14	25 x 50 ankyrin repeat domain 29 [Source:HGNC Symbol;Acc:27110]
16	347	2.24	2e-16	2e-14	50 x 7 apolipoprotein D [Source:HGNC Symbol;Acc:612]
17	9823	1.48	2e-16	2e-14	7 x 1 armadillo repeat containing, X-linked 2 [Source:HGNC Symbol;Acc:23760]
18	25805	1.54	2e-16	2e-14	8 x 1 BMP and activin membrane-bound inhibitor [Source:HGNC Symbol;Acc:23760]
19	92747	2.91	2e-16	2e-14	50 x 10 BPI fold containing family B, member 1 [Source:HGNC Symbol;Acc:23760]
20	205428	1.34	2e-16	2e-14	50 x 50 chromosome 3 open reading frame 58 [Source:HGNC Symbol;Acc:23760]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	12.17	NULL	135	H.Tiss WIRTH_Mucosa
2	10.23	NULL	743	Chr Chr 7
3	9.21	NULL	918	Chr Chr 17
4	8.82	NULL	11	GSEA C2TO_PTTG1_TARGETS_UP
5	7.91	NULL	1135	Chr Chr 19
6	7.61	NULL	16	GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_D
7	7.16	NULL	39	BP retinoid metabolic process
8	7.12	NULL	9	GSEA C2NIKOLSKY_BREAST_CANCER_17P11_AMPLICON
9	7.09	NULL	386	Chr Chr 22
10	7.09	NULL	15	GSEA C2LEE_LIVER_CANCER_HEPATOBLAST
11	7.04	NULL	13	GSEA C2SINGH_NFE2L2_TARGETS
12	7.02	NULL	7	GSEA C2MCCOLLUM_GELDANAMYCIN_RESISTANCE_DN
13	6.91	NULL	15	GSEA C2HINATA_NFKB_TARGETS KERATINOCYTE_DN
14	6.79	NULL	1182	CC extracellular region
15	6.69	NULL	6	GSEA C2MURAKAMI_UV_RESPONSE_1HR_DN
16	6.59	NULL	683	CC extracellular space
17	6.32	NULL	9	GSEA C2GUTIERREZ_WALDENSTROEMS_MACROGLOBULINEMIA_1_DN
18	6.29	NULL	55	BP odontogenesis of dentin-containing tooth
19	6.19	NULL	5	GSEA C2FERRARI_RESPONSE_TO_FENRETINIDE_DN
20	6.18	NULL	7	MMML C6SCIEJ_MMML 9
<i>Underexpressed</i>				
1	-8.15	NULL	957	Chr Chr 11
2	-8.05	NULL	15	CC MHC class II protein complex
3	-7.15	NULL	47	BP antigen processing and presentation
4	-6.71	NULL	60	BP interferon-gamma-mediated signaling pathway
5	-6.64	NULL	16	GSEA C2MOSERLE_IFNA_RESPONSE
6	-6.21	NULL	127	H.Tiss WIRTH_Muscle
7	-6.12	NULL	52	Chr Chr HSCR6_MHC_QBL
8	-6.06	NULL	602	Chr Chr 10
9	-6.05	NULL	717	Chr Chr 16
10	-5.97	NULL	23	CC integral to lumenal side of endoplasmic reticulum membrane
11	-5.8	NULL	1720	Chr Chr 1
12	-5.66	NULL	16	GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_F
13	-5.62	NULL	51	BP type I interferon signaling pathway
14	-5.49	NULL	10	BP cellular response to zinc ion
15	-5.45	NULL	13	GSEA C2BOWIE_RESPONSE_TO_TAMOXIFEN
16	-5.2	NULL	32	CC ER to Golgi transport vesicle membrane
17	-5.19	NULL	7	MMML C6SCIEJ_MMML 13
18	-4.75	NULL	3	MMML C6SCIEJ_MMML 7
19	-4.73	NULL	153	MF structural constituent of ribosome
20	-4.65	NULL	417	H.Tiss WIRTH_Immune system

p-values



GW_111

Local Summary

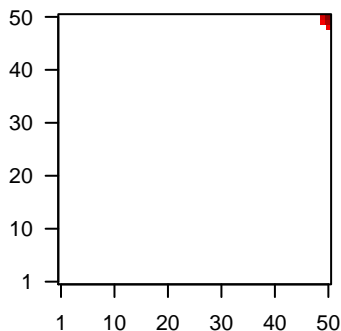
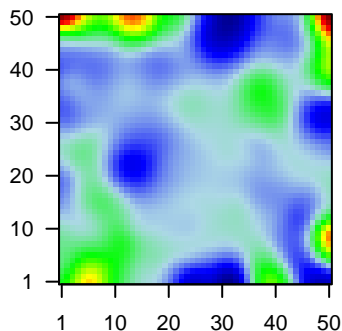
%DE = 0.86
 # metagenes = 5
 # genes = 119
 # genes in genesets = 118
 # genes with $fdr < 0.1$ = 77 (71 + / 6 -)
 # genes with $fdr < 0.05$ = 74 (68 + / 6 -)
 # genes with $fdr < 0.01$ = 63 (59 + / 4 -)

<r> metagenes = 0.99
 <r> genes = 0.31

<FC> = 0.58
 <shrinkage-t> = 20.24
 <p-value> = 0
 <fdr> = 0.4

Profile

Spot



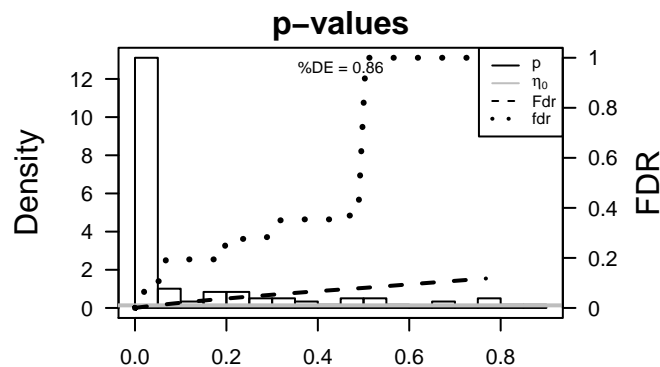
Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	154664	1.59	2e-16	2e-16	50 x 50 ATP-binding cassette, sub-family A (ABC1), member 13 [Sou
2	8745	1.66	2e-16	2e-16	50 x 50 ADAM metallopeptidase domain 23 [Source:HGNC Symbol;A
3	214	1.79	2e-16	2e-16	50 x 50 activated leukocyte cell adhesion molecule [Source:HGNC Sy
4	205428	1.34	2e-16	2e-16	50 x 50 chromosome 3 open reading frame 58 [Source:HGNC Symbc
5	26256	1.61	2e-16	2e-16	50 x 50 calcium binding tyrosine-(Y)-phosphorylation regulated [Sou
6	56548	1.38	2e-16	2e-16	50 x 50 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7 [
7	26047	2.14	2e-16	2e-16	50 x 50 contactin associated protein-like 2 [Source:HGNC Symbol;Ar
8	1592	1.25	2e-16	2e-16	50 x 50 cytochrome P450, family 26, subfamily A, polypeptide 1 [Sou
9	10655	1.48	2e-16	2e-16	50 x 50 doublesex and mab-3 related transcription factor 2 [Source:H
10	4072	1.73	2e-16	2e-16	50 x 50 epithelial cell adhesion molecule [Source:HGNC Symbol;Acc:
11	83888	1.53	2e-16	2e-16	50 x 50 fibroblast growth factor binding protein 2 [Source:HGNC Symi
12	2719	2.11	2e-16	2e-16	50 x 50 glypican 3 [Source:HGNC Symbol;Acc:4451]
13	2947	1.55	2e-16	2e-16	50 x 50 glutathione S-transferase mu 3 (brain) [Source:HGNC Symbc
14	4915	1.61	2e-16	2e-16	50 x 50 neurotrophic tyrosine kinase, receptor, type 2 [Source:HGNC
15	4922	2.24	2e-16	2e-16	50 x 50 neurotensin [Source:HGNC Symbol;Acc:8038]
16	4953	1.54	2e-16	2e-16	50 x 50 ornithine decarboxylase 1 [Source:HGNC Symbol;Acc:8109]
17	56963	1.56	2e-16	2e-16	50 x 50 repulsive guidance molecule family member a [Source:HGNC
18	6335	1.27	2e-16	2e-16	50 x 50 sodium channel, voltage-gated, type IX, alpha subunit [Sourc
19	6657	1.89	2e-16	2e-16	50 x 50 SRY (sex determining region Y)-box 2 [Source:HGNC Symbc
20	11166	1.63	2e-16	2e-16	50 x 50 SRY (sex determining region Y)-box 21 [Source:HGNC Symt

Local Geneset Analysis

Overexpression

Rank	GSZ	p-value	#in/all	Geneset
1	24.95	NULL	2 / 7	GSEA C2MCCOLLUM_GELDANAMYCIN_RESISTANCE_DN
2	21.08	NULL	5 / 15	GSEA C2KEGG_Glutathione_Metabolism
3	18.23	NULL	1 / 4	GSEA C2MYLLYKANGAS_AMPLIFICATION_HOT_SPOT_13
4	18.01	NULL	3 / 11	GSEA C2TO_PTTG1_TARGETS_UP
5	17.09	NULL	4 / 13	GSEA C2KEGG_METABOLISM_OF_XENOBIOTICS_BY_Cytochrome_P450
6	16.33	NULL	3 / 13	BP regulation of blood vessel size
7	13.12	NULL	3 / 11	MF glutathione binding
8	13.12	NULL	3 / 11	GSEA C2KEGG_DRUG_Metabolism_Cytochrome_P450
9	12.55	NULL	2 / 10	GSEA C2CONRAD_STEM_CELL
10	12.13	NULL	6 / 25	BP glutathione derivative biosynthetic process
11	11.56	NULL	2 / 11	GSEA C2SMID_BREAST_CANCER_BASAL_UP
12	11.32	NULL	1 / 7	GSEA C2REACTOME_G1_S_TRANSITION
13	11.32	NULL	1 / 7	miRNA target-145
14	11.28	NULL	2 / 9	GSEA C2REACTOME_Glucuronidation
15	11.22	NULL	3 / 48	BP cerebral cortex development
16	11.21	NULL	3 / 8	GSEA C2LIU_CDX2_TARGETS_DN
17	11.05	NULL	3 / 12	GSEA C2BROCKE_APOPTOSIS_REVERSED_BY_IL6
18	10.64	NULL	8 / 34	BP glutathione metabolic process
19	10.51	NULL	2 / 23	BP stem cell differentiation
20	10.42	NULL	2 / 15	MF glucuronosyltransferase activity
21	10.42	NULL	1 / 8	GSEA C2REACTOME_E2F_TRANSCRIPTIONAL_TARGETS_AT_G1_S
22	10.42	NULL	1 / 8	miRNA target-450
23	10.26	NULL	3 / 15	BP lipid glycosylation
24	10.22	NULL	1 / 2	miRNA target-127
25	10.2	NULL	1 / 11	Glio neurons_glio
26	10.17	NULL	2 / 19	BP anatomical structure formation involved in morphogenesis
27	10.01	NULL	11 / 119	BP xenobiotic metabolic process
28	9.73	NULL	1 / 11	CC axolemma
29	9.34	NULL	2 / 22	BP eye development
30	9.27	NULL	1 / 5	GSEA C2KERLEY_RESPONSE_TO_CISPLATIN_DN
31	9.21	NULL	2 / 9	GSEA C2REACTOME_Metabolism_of_Amino_Acids
32	9.2	NULL	1 / 7	GSEA C2REACTOME_Regulation_of_Ornithine_Decarboxylase_Activity
33	9.14	NULL	2 / 10	GSEA C2CERVERA_SDHB_TARGETS_1_DN
34	9.12	NULL	1 / 12	MF heparan sulfate proteoglycan binding
35	9.08	NULL	1 / 10	MF miRNA binding
36	8.89	NULL	1 / 3	GSEA C2RUNNE_GENDER_EFFECT_DN
37	8.78	NULL	2 / 16	GSEA C2GARGALOVIC_RESPONSE_TO_OXIDIZED_PHOSPHOLIPIDS_UP
38	8.69	NULL	1 / 13	BP positive regulation of endocytosis
39	8.57	NULL	1 / 11	BP neuronal stem cell maintenance
40	8.57	NULL	1 / 11	GSEA C2REACTOME_E2F_MEDIATED_REGULATION_OF_DNA_REPLICATION



GW_111

Local Summary

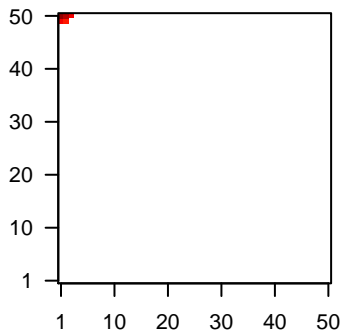
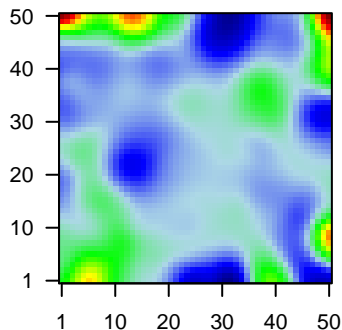
%DE = 0.79
 # metagenes = 5
 # genes = 112
 # genes in genesets = 109
 # genes with $fdr < 0.1 = 82$ (75 + / 7 -)
 # genes with $fdr < 0.05 = 82$ (75 + / 7 -)
 # genes with $fdr < 0.01 = 72$ (65 + / 7 -)

<r> metagenes = 1
 <r> genes = 0.54

<FC> = 0.63
 <shrinkage-t> = 22.42
 <p-value> = 0
 <fdr> = 0.28

Profile

Spot



Local Genelist

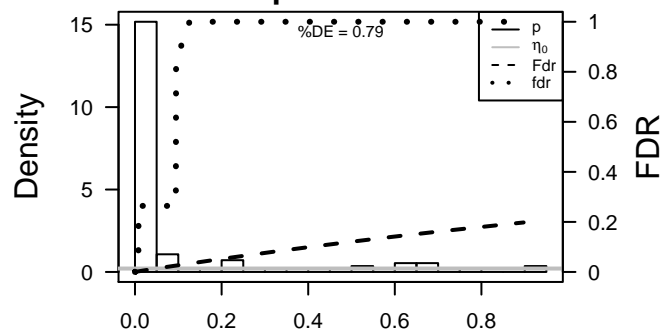
Rank	ID	log(FC)	fdr	p-value	Description
1	79852	1.32	2e-16	2e-16	3 x 50 epoxide hydrolase 3 [Source:HGNC Symbol;Acc:23760]
2	131	1.53	2e-16	2e-16	1 x 50 alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide
3	57016	2.28	2e-16	2e-16	1 x 50 aldo-keto reductase family 1, member B10 (aldose reductase)
4	441282	2.07	2e-16	2e-16	1 x 49 aldo-keto reductase family 1, member B15 [Source:HGNC S]
5	8644	1.91	2e-16	2e-16	1 x 50 aldo-keto reductase family 1, member C3 [Source:HGNC Syr]
6	218	2.79	2e-16	2e-16	1 x 50 aldehyde dehydrogenase 3 family, member A1 [Source:HGNC]
7	810	1.29	2e-16	2e-16	1 x 50 calmodulin-like 3 [Source:HGNC Symbol;Acc:1452]
8	22802	1.3	2e-16	2e-16	1 x 50 chloride channel accessory 4 [Source:HGNC Symbol;Acc:20-
9	49860	2.24	2e-16	2e-16	1 x 50 cornulin [Source:HGNC Symbol;Acc:1230]
10	1673	-1.75	2e-16	2e-16	1 x 49 defensin, beta 4B [Source:HGNC Symbol;Acc:30193]
11	2877	1.89	2e-16	2e-16	1 x 50 glutathione peroxidase 2 (gastrointestinal) [Source:HGNC Syr]
12	26085	2.06	2e-16	2e-16	1 x 50 kallikrein-related peptidase 13 [Source:HGNC Symbol;Acc:6-
13	5653	2.53	2e-16	2e-16	1 x 50 kallikrein-related peptidase 6 [Source:HGNC Symbol;Acc:63]
14	5650	1.73	2e-16	2e-16	1 x 49 kallikrein-related peptidase 7 [Source:HGNC Symbol;Acc:63]
15	3860	1.26	2e-16	2e-16	1 x 50 keratin 13 [Source:HGNC Symbol;Acc:6415]
16	192666	2.8	2e-16	2e-16	1 x 50 keratin 24 [Source:HGNC Symbol;Acc:18527]
17	137797	1.46	2e-16	2e-16	1 x 50 LY6/PLAUR domain containing 2 [Source:HGNC Symbol;Acc
18	27076	1.28	2e-16	2e-16	1 x 50 LY6/PLAUR domain containing 3 [Source:HGNC Symbol;Acc
19	4118	1.59	2e-16	2e-16	1 x 50 mal, T-cell differentiation protein [Source:HGNC Symbol;Acc
20	7851	1.25	2e-16	2e-16	1 x 50 mal, T-cell differentiation protein-like [Source:HGNC Symbol

Local Geneset Analysis

Overexpression

Rank	GSZ	p-value	#in/all	Geneset
1	39.63	NULL	53 / 135	H.Tiss WIRTH_Mucosa
2	22.44	NULL	7 / 19	BP peptide cross-linking
3	21.73	NULL	4 / 16	GSEA C2WANG_BARRETTES_ESOPHAGUS_DN
4	20.21	NULL	5 / 15	GSEA C2HINATA_NFKB_TARGETS KERATINOCYTE_DN
5	20.13	NULL	3 / 12	BP cellular aldehyde metabolic process
6	19.08	NULL	13 / 42	BP keratinization
7	17.15	NULL	16 / 53	BP keratinocyte differentiation
8	16.33	NULL	6 / 16	GSEA C2CROMER_TUMORIGENESIS_DN
9	16.02	NULL	12 / 21	CC cornified envelope
10	14.96	NULL	49 / 572	Disease GUDJ_psooriasis up
11	14.11	NULL	2 / 16	GSEA C2SMID_BREAST_CANCER_RELAPSE_IN_LUNG_UP
12	13.9	NULL	4 / 15	MF retinol dehydrogenase activity
13	13.02	NULL	2 / 11	GSEA C2ROME_INSULIN_TARGETS_IN_MUSCLE_DN
14	12.96	NULL	1 / 9	GSEA C2NIKOLSKY_BREAST_CANCER_17P11_AMPLICON
15	11.8	NULL	4 / 39	BP retinoid metabolic process
16	11.77	NULL	10 / 122	MF serine-type endopeptidase activity
17	11.29	NULL	14 / 76	BP epidermis development
18	10.55	NULL	1 / 9	GSEA C2GOUYER_TUMOR_INVASIVENESS
19	10.36	NULL	1 / 13	MF oxidoreductase activity, acting on the aldehyde or oxo group of don
20	10.1	NULL	2 / 14	GSEA C2KEGG_PHENYLALANINE_METABOLISM
21	10.02	NULL	2 / 16	GSEA C2KOBAYASHI_EGFR_SIGNALING_24HR_UP
22	9.96	NULL	2 / 14	GSEA C2CHIANG_LIVER_CANCER_SUBCLASS_POLYSOMY7_DN
23	9.88	NULL	1 / 10	GSEA C2KEGG_LINOLEIC_ACID_METABOLISM
24	9.57	NULL	3 / 14	GSEA C2CHARAFE_BREAST_CANCER_BASAL_VS_MESENCHYMAL_UP
25	9.31	NULL	2 / 15	GSEA C2I_AMPLIFIED_IN_LUNG_CANCER
26	9.11	NULL	1 / 6	GSEA C2GAUSSMANN_MLL_AF4_FUSION_TARGETS_B_DN
27	8.98	NULL	1 / 14	BP tissue regeneration
28	8.87	NULL	1 / 12	GSEA C2ODONNELL_METASTASIS_DN
29	8.87	NULL	1 / 12	GSEA C2SYED ESTRADIOL_RESPONSE
30	8.84	NULL	1 / 12	GSEA C2ONDER_CDH1_TARGETS_1_UP
31	8.71	NULL	3 / 15	GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_E
32	8.62	NULL	1 / 15	BP hormone metabolic process
33	8.61	NULL	1 / 8	GSEA C2LIU_CDX2_TARGETS_DN
34	8.55	NULL	3 / 10	GSEA C2SMID_BREAST_CANCER_ERBB2_UP
35	8.53	NULL	1 / 18	MF acyl-CoA dehydrogenase activity
36	8.42	NULL	1 / 13	GSEA C2BRUECKNER_TARGETS_OF_MIRLET7A3_DN
37	8.42	NULL	1 / 13	GSEA C2KEGG_BUTANOATE_METABOLISM
38	8.26	NULL	1 / 10	BP positive regulation of endothelial cell apoptotic process
39	8.26	NULL	1 / 10	BP retinal metabolic process
40	8.25	NULL	2 / 38	BP myelination

p-values



GW_111

Local Summary

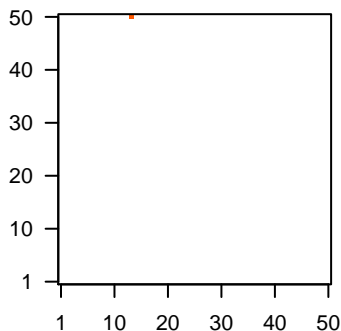
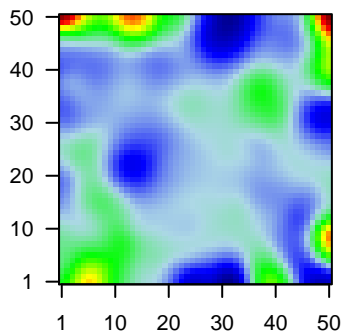
%DE = 0.87
 # metagenes = 1
 # genes = 28
 # genes in genesets = 28
 # genes with $fdr < 0.1$ = 21 (18 + / 3 -)
 # genes with $fdr < 0.05$ = 15 (13 + / 2 -)
 # genes with $fdr < 0.01$ = 15 (13 + / 2 -)

<r> metagenes = NA
 <r> genes = 0.31

<FC> = 0.42
 <shrinkage-t> = 14.66
 <p-value> = 0
 <fdr> = 0.44

Profile

Spot



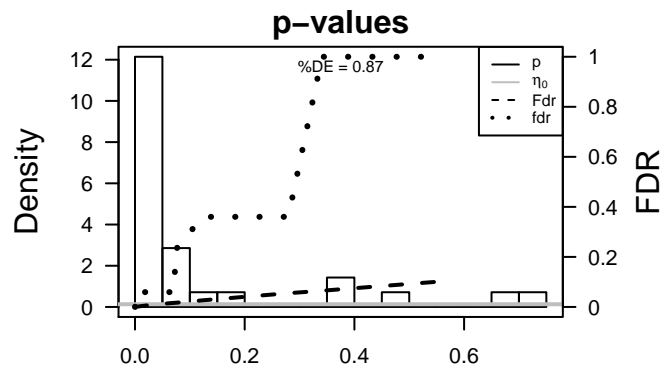
Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	56666	1.44	2e-16	8e-16	14 x 50 pannexin 2 [Source:HGNC Symbol;Acc:8600]
2	493861	1.21	1e-15	6e-14	14 x 50 EP300 interacting inhibitor of differentiation 3 [Source:HGNC
3	7296	1.16	2e-14	5e-13	14 x 50 thioredoxin reductase 1 [Source:HGNC Symbol;Acc:12437]
4	57007	1.12	2e-13	8e-11	14 x 50 atypical chemokine receptor 3 [Source:HGNC Symbol;Acc:23
5	2817	1.01	3e-11	8e-11	14 x 50 glypican 1 [Source:HGNC Symbol;Acc:4449]
6	3005	1	5e-11	7e-10	14 x 50 H1 histone family, member 0 [Source:HGNC Symbol;Acc:471
7	8365	0.96	2e-10	1e-07	14 x 50 histone cluster 2, H4a [Source:HGNC Symbol;Acc:4794]
8	2736	0.83	5e-08	1e-07	14 x 50 GLI family zinc finger 2 [Source:HGNC Symbol;Acc:4318]
9	23657	0.82	6e-08	7e-05	14 x 50 solute carrier family 7 (anionic amino acid transporter light ch
10	5217	0.85	2e-05	5e-04	14 x 50 profilin 2 [Source:HGNC Symbol;Acc:8882]
11	1066	-0.58	1e-04	3e-03	14 x 50 carboxylesterase 1 [Source:HGNC Symbol;Acc:1863]
12	9048	0.51	8e-04	4e-03	14 x 50 artemin [Source:HGNC Symbol;Acc:727]
13	476	0.46	2e-03	4e-03	14 x 50 ATPase, Na+/K+ transporting, alpha 1 polypeptide [Source:Hi
14	8323	0.43	4e-03	4e-03	14 x 50 frizzled family receptor 6 [Source:HGNC Symbol;Acc:4044]
15	65055	-0.43	4e-03	4e-03	14 x 50 receptor accessory protein 1 [Source:HGNC Symbol;Acc:257
16	386757	0.42	5e-03	6e-02	14 x 50 solute carrier family 6 (neurotransmitter transporter), member
17	5909	-0.33	3e-02	6e-02	14 x 50 RAP1 GTPase activating protein [Source:HGNC Symbol;Acc:
18	23428	0.28	6e-02	6e-02	14 x 50 solute carrier family 7 (amino acid transporter light chain, L s
19	131408	0.27	7e-02	6e-02	14 x 50 family with sequence similarity 131, member A [Source:HGNC
20	100288413	0.26	9e-02	6e-02	14 x 50 endogenous retrovirus group MER34, member 1 [Source:HG

Local Geneset Analysis

Overexpression

Rank	GSZ	p-value	#in/all	Geneset
1	24.37	NULL	1 / 6	GSEA C2GAUSSMANN_MLL_AF4_FUSION_TARGETS_D_DN
2	20.26	NULL	1 / 12	MF channel activity
3	19.18	NULL	1 / 13	BP response to ischemia
4	18.24	NULL	1 / 14	GSEA C2NIKOLSKY_BREAST_CANCER_22Q13_AMPLICON
5	16.2	NULL	1 / 10	BP negative regulation of fibroblast growth factor receptor signaling pa
6	15.77	NULL	1 / 12	BP negative regulation of intrinsic apoptotic signaling pathway in respo
7	14.23	NULL	1 / 12	MF heparan sulfate proteoglycan binding
8	14.02	NULL	1 / 21	CC gap junction
9	13.26	NULL	1 / 10	BP anatomical structure development
10	12.96	NULL	1 / 17	BP nucleobase-containing small molecule interconversion
11	12.91	NULL	2 / 11	GSEA C2REACTOME_APOPTOSIS_INDUCED_DNA_FRAGMENTATION
12	12.81	NULL	1 / 14	GSEA C2REACTOME_ACTIVATION_OF_RAC
13	12.35	NULL	2 / 17	MF amino acid transmembrane transporter activity
14	12.07	NULL	1 / 19	BP hydrogen peroxide catabolic process
15	11.64	NULL	1 / 12	BP head development
16	11.5	NULL	2 / 19	BP amino acid transmembrane transport
17	11.01	NULL	1 / 13	BP regulation of smoothed signaling pathway
18	11.01	NULL	1 / 13	GSEA C2BIOCARTA_SHH_PATHWAY
19	11	NULL	1 / 22	BP response to axon injury
20	10.9	NULL	1 / 21	BP chemokine-mediated signaling pathway
21	10.58	NULL	1 / 22	MF coreceptor activity
22	10.48	NULL	1 / 19	MF laminin binding
23	10.47	NULL	1 / 14	BP hindbrain development
24	10.47	NULL	1 / 14	BP negative regulation of chondrocyte differentiation
25	10.15	NULL	1 / 25	BP gastrulation
26	10.15	NULL	1 / 25	BP protein tetramerization
27	10.14	NULL	1 / 20	MF fibroblast growth factor binding
28	10	NULL	1 / 15	BP embryonic digestive tract development
29	9.68	NULL	1 / 27	MF protein disulfide oxidoreductase activity
30	9.28	NULL	1 / 23	BP glycosaminoglycan catabolic process
31	9.27	NULL	1 / 29	BP positive regulation of cell death
32	9.2	NULL	1 / 17	BP dorsal/ventral neural tube patterning
33	9.2	NULL	1 / 17	BP morphogenesis of an epithelium
34	9.2	NULL	1 / 17	BP osteoblast development
35	9.16	NULL	1 / 17	BP platelet aggregation
36	9.08	NULL	1 / 30	BP mesoderm formation
37	8.92	NULL	1 / 29	BP receptor internalization
38	8.79	NULL	1 / 34	CC chromosome, telomeric region
39	8.73	NULL	1 / 32	MF NADP binding
40	8.64	NULL	4 / 147	CC endosome



GW_111

Local Summary

%DE = 0.69
 # metagenes = 19
 # genes = 239
 # genes in genesets = 236

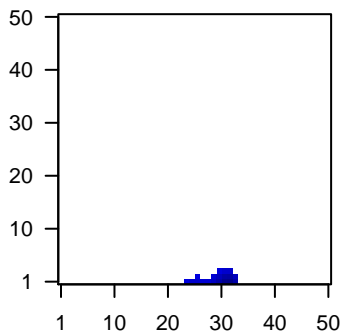
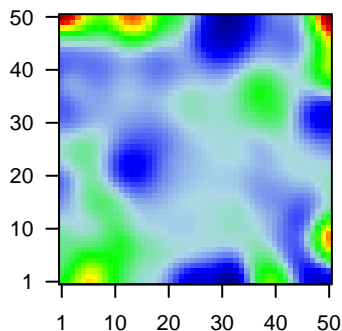
genes with $fdr < 0.1 = 104$ (6 + / 98 -)
 # genes with $fdr < 0.05 = 102$ (6 + / 96 -)
 # genes with $fdr < 0.01 = 70$ (3 + / 67 -)

<r> metagenes = 0.74
 <r> genes = 0.26

<FC> = -0.29
 <shrinkage-t> = -10
 <p-value> = 0.01
 <fdr> = 0.6

Profile

Spot



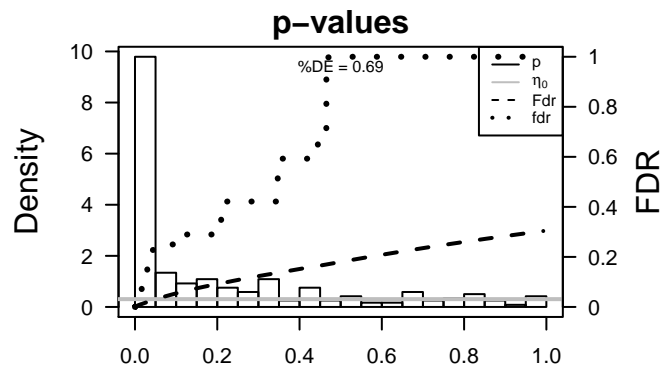
Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	3627	-1.42	2e-16	2e-14	32 x 1 chemokine (C-X-C motif) ligand 10 [Source:HGNC Symbol;Acc:11009]
2	58	-1.12	2e-13	4e-11	25 x 1 actin, alpha 1, skeletal muscle [Source:HGNC Symbol;Acc:12001]
3	1410	1.08	1e-12	4e-11	25 x 1 crystallin, alpha B [Source:HGNC Symbol;Acc:2389]
4	2318	-1.08	1e-12	1e-10	25 x 1 filamin C, gamma [Source:HGNC Symbol;Acc:3756]
5	10866	-1.06	3e-12	1e-08	32 x 1 HLA complex P5 (non-protein coding) [Source:HGNC Symbol;Acc:11009]
6	6890	-0.96	2e-10	3e-08	32 x 1 transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) [Source:HGNC Symbol;Acc:11009]
7	51296	-0.94	5e-10	3e-07	32 x 1 solute carrier family 15 (oligopeptide transporter), member 3 [Source:HGNC Symbol;Acc:11009]
8	219285	-0.89	4e-09	9e-07	32 x 1 sterile alpha motif domain containing 9-like [Source:HGNC Symbol;Acc:11009]
9	6373	-0.85	2e-08	9e-07	32 x 1 chemokine (C-X-C motif) ligand 11 [Source:HGNC Symbol;Acc:11009]
10	2273	0.83	4e-08	9e-07	25 x 1 four and a half LIM domains 1 [Source:HGNC Symbol;Acc:3756]
11	51191	-0.83	4e-08	2e-06	32 x 1 HECT and RLD domain containing E3 ubiquitin protein ligase 5 [Source:HGNC Symbol;Acc:11009]
12	684	-0.81	9e-08	2e-06	32 x 1 bone marrow stromal cell antigen 2 [Source:HGNC Symbol;Acc:11009]
13	3433	-0.81	9e-08	3e-06	32 x 1 interferon-induced protein with tetratricopeptide repeats 2 [Source:HGNC Symbol;Acc:11009]
14	79156	-0.8	1e-07	7e-06	31 x 1 pleckstrin homology domain containing, family F (with FYVE domain) 1 [Source:HGNC Symbol;Acc:11009]
15	8519	-0.78	3e-07	7e-06	32 x 1 interferon induced transmembrane protein 1 [Source:HGNC Symbol;Acc:11009]
16	6588	-0.77	3e-07	2e-05	25 x 1 sarcolipin [Source:HGNC Symbol;Acc:11089]
17	1158	-0.76	6e-07	3e-05	25 x 1 creatine kinase, muscle [Source:HGNC Symbol;Acc:1994]
18	6355	-0.74	1e-06	3e-05	32 x 1 chemokine (C-C motif) ligand 8 [Source:HGNC Symbol;Acc:11009]
19	70	-0.73	1e-06	7e-05	25 x 1 actin, alpha, cardiac muscle 1 [Source:HGNC Symbol;Acc:14001]
20	4151	-0.7	4e-06	7e-05	25 x 1 myoglobin [Source:HGNC Symbol;Acc:6915]

Local Geneset Analysis

Underexpression

Rank	GSZ	p-value	#in/all	Geneset
1	-37.6	NULL	13 / 16	GSEA C2MOSERLE_IFNA_RESPONSE
2	-29.7	NULL	11 / 16	GSEA C2RICKMAN_HEAD_AND_NECK_CANCER_F
3	-28.93	NULL	29 / 51	BP type I interferon signaling pathway
4	-27.18	NULL	46 / 127	H.Tiss WIRTH_Muscle
5	-26.56	NULL	2 / 2	MMML C2RUCIEJ_MMML_27
6	-26.42	NULL	11 / 16	GSEA C2JROSEVIC_RESPONSE_TO_IMIQUIMOD
7	-26.38	NULL	21 / 36	BP muscle filament sliding
8	-24.48	NULL	9 / 10	GSEA C2BOWIE_RESPONSE_TO_EXTRACELLULAR_MATRIX
9	-24.41	NULL	3 / 4	GSEA C2KRASNOSELSKAYA_ILF3_TARGETS_UP
10	-24.34	NULL	9 / 16	H.Tiss WIRTH_Hippocampus
11	-23.98	NULL	11 / 16	GSEA C2ZHANG_INTERFERON_RESPONSE
12	-23.77	NULL	10 / 13	GSEA C2BOWIE_RESPONSE_TO_TAMOXIFEN
13	-22.76	NULL	20 / 44	MF structural constituent of muscle
14	-22.63	NULL	11 / 16	GSEA C2EINAV_INTERFERON_SIGNATURE_IN_CANCER
15	-22.27	NULL	6 / 8	GSEA C2ROETH_TERT_TARGETS_UP
16	-21.23	NULL	3 / 5	GSEA C2KIM_LRRC3B_TARGETS
17	-20.61	NULL	6 / 6	LymphomA DAVE_MHCII BL DN
18	-20.49	NULL	6 / 14	GSEA C2RADAIEVA_RESPONSE_TO_IFNA1_UP
19	-20.25	NULL	31 / 123	BP defense response to virus
20	-19.45	NULL	5 / 15	GSEA C2BECKER_TAMOXIFEN_RESISTANCE_UP
21	-19.28	NULL	4 / 12	GSEA C2ZHU_CMV_8_HR_UP
22	-19.07	NULL	8 / 12	CC myosin filament
23	-18.69	NULL	8 / 18	BP positive regulation of T cell mediated cytotoxicity response to virus
24	-18.4	NULL	27 / 109	BP response to virus
25	-18.18	NULL	8 / 11	GSEA C2BENNETT_SYSTEMIC_LUPUS_ERYTHEMATOSUS
26	-18.06	NULL	7 / 10	CC MHC class I protein complex
27	-17.52	NULL	6 / 12	GSEA C2TSAI_DNAJB4_TARGETS_UP
28	-17.19	NULL	7 / 16	GSEA C2MAHADEVAN_RESPONSE_TO_MP470_UP
29	-17.16	NULL	34 / 204	BP cytokine-mediated signaling pathway
30	-16.88	NULL	7 / 18	MF peptide antigen binding
31	-16.27	NULL	11 / 37	CC sarcomere
32	-16.2	NULL	6 / 14	Glio Donson-immune cell intra signaling-associated with LTS in HGA
33	-16.15	NULL	3 / 9	GSEA C2DER_IFN_ALPHA_RESPONSE_UP
34	-16.15	NULL	3 / 9	GSEA C2DER_IFN_GAMMA_RESPONSE_UP
35	-15.81	NULL	16 / 60	BP interferon-gamma-mediated signaling pathway
36	-15.31	NULL	33 / 274	LymphomA PANG_IL21 DN
37	-14.86	NULL	3 / 5	GSEA C2BROWNE_INTERFERON_RESPONSIVE_GENES
38	-14.77	NULL	2 / 10	BP positive regulation of cAMP-mediated signaling
39	-14.48	NULL	5 / 16	GSEA C2FARMER_BREAST_CANCER_CLUSTER_1
40	-14.33	NULL	3 / 8	GSEA C2HUANG_DASATINIB_RESISTANCE_UP



GW_111

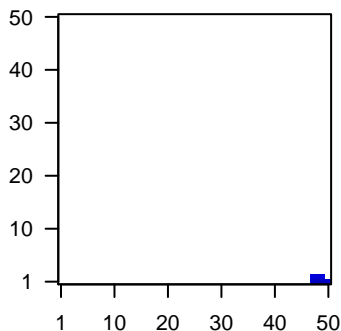
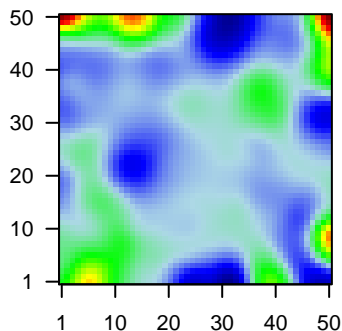
Local Summary

%DE = 0.67
 # metagenes = 7
 # genes = 178
 # genes in genesets = 176
 # genes with $fdr < 0.1$ = 73 (13 + / 60 -)
 # genes with $fdr < 0.05$ = 51 (10 + / 41 -)
 # genes with $fdr < 0.01$ = 31 (9 + / 22 -)

<r> metagenes = 1
 <r> genes = 0.66
 <FC> = -0.19
 <shrinkage-t> = -6.8
 <p-value> = 0.01
 <fdr> = 0.65

Profile

Spot



Local Genelist

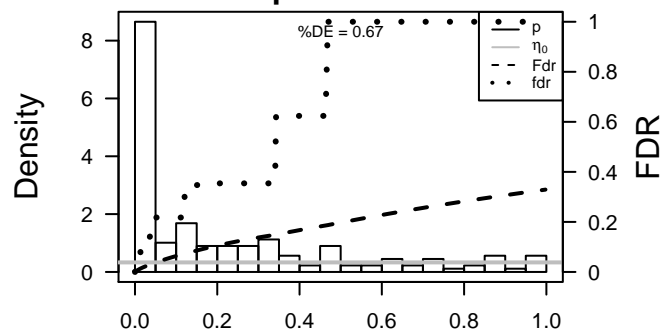
Rank	ID	log(FC)	fdr	p-value	Description
1	260436	-1.25	2e-16	7e-15	50 x 1 follicular dendritic cell secreted protein [Source:HGNC Symbc
2	5341	1.31	2e-16	7e-15	50 x 1 pleckstrin [Source:HGNC Symbol;Acc:9070]
3	3120	-0.94	5e-10	5e-08	47 x 1 major histocompatibility complex, class II, DQ beta 2 [Source:
4	4283	-0.92	2e-09	5e-08	49 x 1 chemokine (C-X-C motif) ligand 9 [Source:HGNC Symbol;Ac
5	3543	0.83	2e-09	2e-07	49 x 1 immunoglobulin lambda-like polypeptide 1 [Source:HGNC Sy
6	3108	-0.88	7e-09	9e-07	50 x 1 major histocompatibility complex, class II, DM alpha [Source:I
7	3125	-0.84	3e-08	9e-07	50 x 1 major histocompatibility complex, class II, DR beta 3 [Source:
8	3126	-0.83	4e-08	9e-07	50 x 1 major histocompatibility complex, class II, DR beta 4 [Source:
9	3113	-0.82	7e-08	9e-07	50 x 1 major histocompatibility complex, class II, DP alpha 1 [Source
10	11040	0.81	8e-08	9e-07	49 x 1 pim-2 oncogene [Source:HGNC Symbol;Acc:8987]
11	3620	-0.81	8e-08	3e-06	48 x 1 indoleamine 2,3-dioxygenase 1 [Source:HGNC Symbol;Acc:t
12	3512	0.8	2e-07	3e-06	50 x 1 immunoglobulin J polypeptide, linker protein for immunoglobu
13	57172	0.79	2e-07	3e-06	49 x 1 calcium/calmodulin-dependent protein kinase IG [Source:HG
14	10563	-0.79	2e-07	2e-04	50 x 1 chemokine (C-X-C motif) ligand 13 [Source:HGNC Symbol;f
15	341	-0.7	4e-06	3e-04	50 x 1 apolipoprotein C-I [Source:HGNC Symbol;Acc:607]
16	3109	-0.67	9e-06	3e-04	50 x 1 major histocompatibility complex, class II, DM beta [Source:H
17	3122	-0.61	2e-05	3e-04	50 x 1 major histocompatibility complex, class II, DR alpha [Source:t
18	51755	0.64	2e-05	3e-04	49 x 1 cyclin-dependent kinase 12 [Source:HGNC Symbol;Acc:242
19	2634	-0.64	3e-05	1e-03	47 x 1 guanylate binding protein 2, interferon-inducible [Source:HGT
20	924	0.61	6e-05	1e-03	49 x 1 CD7 molecule [Source:HGNC Symbol;Acc:1695]

Local Geneset Analysis

Underexpression

Rank	GSZ	p-value	#in/all	Geneset
1	-49.13	NULL	12 / 15	CC MHC class II protein complex
2	-29.87	NULL	14 / 47	BP antigen processing and presentation
3	-25.65	NULL	7 / 21	CC clathrin-coated endocytic vesicle membrane
4	-24.45	NULL	7 / 23	CC integral to luminal side of endoplasmic reticulum membrane
5	-24.12	NULL	3 / 6	GSEA C2SANA_RESPONSE_TO_IFNG_UP
6	-22.04	NULL	7 / 28	CC transport vesicle membrane
7	-21.74	NULL	2 / 3	MMML C6SCIEJ_MMML 7
8	-20.54	NULL	7 / 32	CC ER to Golgi transport vesicle membrane
9	-19.59	NULL	7 / 35	CC trans-Golgi network membrane
10	-19.16	NULL	12 / 60	BP T cell costimulation
11	-19.1	NULL	12 / 87	BP antigen processing and presentation of exogenous peptide antigen
12	-18.41	NULL	10 / 60	BP interferon-gamma-mediated signaling pathway
13	-17.14	NULL	1 / 2	GSEA C2KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IIGA_PRODUC
14	-17.14	NULL	1 / 2	GSEA C2KEGG_AUTOIMMUNE_THYROID_DISEASE
15	-17.14	NULL	1 / 2	GSEA C2KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS
16	-16.94	NULL	7 / 46	CC endocytic vesicle membrane
17	-16.85	NULL	4 / 15	Glio Donson-chemokines/cytokines-associated with LTS in HGA
18	-16.52	NULL	39 / 312	BP immune response
19	-14.84	NULL	8 / 52	Chr Chr HSCHR6_MHC_QBL
20	-14.49	NULL	2 / 3	GSEA C2KEGG_VIRAL_MYOCARDITIS
21	-14.02	NULL	11 / 84	BP T cell receptor signaling pathway
22	-13.6	NULL	1 / 3	GSEA C2KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION
23	-13	NULL	4 / 7	Glio Donson-cytotoxic effectors-associated with LTS in HGA
24	-12.39	NULL	12 / 215	CC lysosomal membrane
25	-12.33	NULL	2 / 4	GSEA C2KEGG_LEISHMANIA_INFECTION
26	-11.59	NULL	5 / 13	Cancer GENTLES_modul18
27	-11.57	NULL	1 / 4	GSEA C2REACTOME_COSTIMULATION_BY_THE_CD28_FAMILY
28	-11.57	NULL	1 / 4	GSEA C2REACTOME_DOWNSTREAM_TCR_SIGNALING
29	-11.57	NULL	1 / 4	GSEA C2REACTOME_TCR_SIGNALING
30	-10.99	NULL	5 / 43	MF chemokine activity
31	-10.72	NULL	5 / 12	BP immunoglobulin mediated immune response
32	-10.65	NULL	15 / 204	BP cytokine-mediated signaling pathway
33	-10.5	NULL	5 / 77	CC late endosome membrane
34	-10.34	NULL	2 / 11	GSEA C2WILENSKY_RESPONSE_TO_DARAPLADIB
35	-10.17	NULL	2 / 6	GSEA C2LUI_THYROID_CANCER_CLUSTER_4
36	-10.15	NULL	77 / 417	H.Tiss WIRTH_Immune system
37	-10.11	NULL	9 / 16	GSEA C2FARMER_BREAST_CANCER_CLUSTER_1
38	-9.9	NULL	7 / 16	GSEA C2SU_THYMUS
39	-9.79	NULL	3 / 16	GSEA C2JROSEVIC_RESPONSE_TO_IMIQUIMOD
40	-9.62	NULL	1 / 6	GSEA C2NIELSEN_LEIOMYOSARCOMA_UP

p-values



GW_111

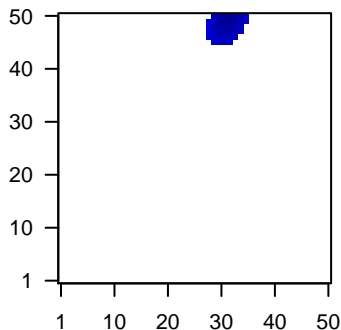
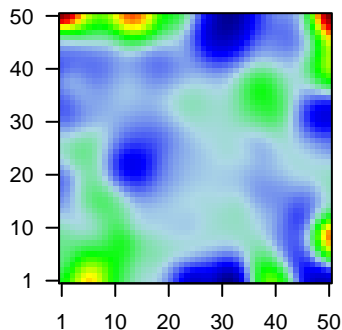
Local Summary

%DE = 0.53
 # metagenes = 39
 # genes = 427
 # genes in genesets = 419
 # genes with fdr < 0.1 = 93 (7 + / 86 -)
 # genes with fdr < 0.05 = 58 (5 + / 53 -)
 # genes with fdr < 0.01 = 16 (3 + / 13 -)

<r> metagenes = 0.92
 <r> genes = 0.24
 <FC> = -0.18
 <shrinkage-t> = -6.35
 <p-value> = 0.09
 <fdr> = 0.81

Profile

Spot



Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	9111	-0.79	2e-07	2e-05	32 x 46 N-myc (and STAT) interactor [Source:HGNC Symbol;Acc:785
2	133383	-0.78	2e-07	4e-04	32 x 50 SET domain containing 9 [Source:HGNC Symbol;Acc:28508]
3	23471	-0.64	4e-06	4e-04	28 x 46 translocation associated membrane protein 1 [Source:HGNC
4	100093630	0.68	7e-06	4e-04	32 x 48 small nucleolar RNA host gene 8 (non-protein coding) [Sourc
5	80227	-0.68	7e-06	4e-04	31 x 47 proteasomal ATPase-associated factor 1 [Source:HGNC Synr
6	3988	-0.68	8e-06	4e-04	28 x 46 lipase A, lysosomal acid, cholesterol esterase [Source:HGNC
7	29922	-0.67	1e-05	6e-04	28 x 46 NME/NM23 family member 7 [Source:HGNC Symbol;Acc:204
8	10799	-0.66	1e-05	3e-03	34 x 50 ribonuclease P/MRP 40kDa subunit [Source:HGNC Symbol;A
9	27069	-0.58	5e-05	3e-03	30 x 50 growth hormone inducible transmembrane protein [Source:HK
10	10987	-0.6	7e-05	3e-03	33 x 50 COP9 signalosome subunit 5 [Source:HGNC Symbol;Acc:22
11	5318	0.6	7e-05	3e-03	29 x 45 plakophilin 2 [Source:HGNC Symbol;Acc:9024]
12	539	-0.59	9e-05	3e-03	32 x 50 ATP synthase, H+ transporting, mitochondrial F1 complex, O
13	6147	0.59	1e-04	3e-03	33 x 49 ribosomal protein L23a [Source:HGNC Symbol;Acc:10317]
14	29080	-0.58	1e-04	3e-03	31 x 50 coiled-coil domain containing 59 [Source:HGNC Symbol;Acc
15	522	-0.58	1e-04	4e-03	32 x 50 ATP synthase, H+ transporting, mitochondrial Fo complex, su
16	144363	-0.58	1e-04	6e-03	31 x 50 LYR motif containing 5 [Source:HGNC Symbol;Acc:27052]
17	23421	-0.57	2e-04	1e-02	32 x 50 integrin beta 3 binding protein (beta3-endonexin) [Source:HC
18	9978	-0.55	3e-04	1e-02	33 x 50 ring-box 1, E3 ubiquitin protein ligase [Source:HGNC Symbo
19	5728	-0.55	3e-04	1e-02	28 x 48 phosphatase and tensin homolog [Source:HGNC Symbol;Acc
20	84233	-0.54	4e-04	1e-02	31 x 49 transmembrane protein 126A [Source:HGNC Symbol;Acc:25

Local Geneset Analysis

Underexpression

Rank	GSZ	p-value	#in/all	Geneset
1	-14.37	NULL	29 / 83	BP respiratory electron transport chain
2	-13.74	NULL	9 / 19	CC mitochondrial proton-transporting ATP synthase complex
3	-12.19	NULL	33 / 152	BP cellular metabolic process
4	-11.54	NULL	7 / 15	BP ATP synthesis coupled proton transport
5	-11.11	NULL	4 / 8	GSEA C2REACTOME_REGULATION_OF_GENE_EXPRESSION_IN_BETA
6	-11.03	NULL	6 / 13	GSEA C2REACTOME_FORMATION_OF_ATP_BY_CHEMIOSMOTIC_COU
7	-10.61	NULL	6 / 14	BP mitochondrial ATP synthesis coupled proton transport
8	-10.45	NULL	4 / 9	GSEA C2KEGG_RIBOSOME
9	-10.45	NULL	4 / 9	GSEA C2REACTOME_FORMATION_OF_A_POOL_OF_FREE_40S_SUBU
10	-10.45	NULL	4 / 9	GSEA C2REACTOME_GTP_HYDROLYSIS_AND_JOINING_OF_THE_60S
11	-10.45	NULL	4 / 9	GSEA C2REACTOME_INFLUENZA_VIRAL_RNA_TRANSCRIPTION_AND
12	-10.45	NULL	4 / 9	GSEA C2REACTOME_PEPTIDE_CHAIN_ELONGATION
13	-10.45	NULL	4 / 9	GSEA C2REACTOME_REGULATION_OF_BETA_CELL_DEVELOPMENT
14	-10.45	NULL	4 / 9	GSEA C2REACTOME_VIRAL_MRNA_TRANSLATION
15	-10.31	NULL	27 / 109	BP SRP-dependent cotranslational protein targeting to membrane
16	-9.96	NULL	5 / 16	Cancer GENTLES_modul10
17	-9.89	NULL	4 / 10	GSEA C2REACTOME_TRANSLATION
18	-9.25	NULL	41 / 253	BP translation
19	-9.07	NULL	22 / 81	BP viral transcription
20	-9.04	NULL	32 / 153	MF structural constituent of ribosome
21	-8.96	NULL	26 / 128	BP translational initiation
22	-8.79	NULL	23 / 87	BP translational termination
23	-8.59	NULL	23 / 92	BP translational elongation
24	-8.52	NULL	1 / 2	TF MYC_Signal transduction UP
25	-8.4	NULL	22 / 92	BP viral life cycle
26	-8.31	NULL	29 / 167	CC ribosome
27	-8.22	NULL	3 / 10	GSEA C2POMEROY_MEDULLOBLASTOMA_PROGNOSIS_DN
28	-8.12	NULL	36 / 287	BP viral process
29	-7.87	NULL	99 / 1318	CC mitochondrion
30	-7.58	NULL	11 / 36	CC mitochondrial respiratory chain complex I
31	-7.49	NULL	42 / 304	CC mitochondrial inner membrane
32	-7.39	NULL	5 / 10	CC large ribosomal subunit
33	-7.29	NULL	22 / 115	BP nuclear-transcribed mRNA catabolic process, nonsense-mediated
34	-7.26	NULL	3 / 13	GSEA C2LEE_LIVER_CANCER_SURVIVAL_DN
35	-7.26	NULL	4 / 11	Cancer GENTLES_modul5
36	-7.08	NULL	6 / 25	MF hydrogen ion transmembrane transporter activity
37	-6.96	NULL	10 / 34	MF NADH dehydrogenase (ubiquinone) activity
38	-6.95	NULL	1 / 3	miRNA target-19a
39	-6.95	NULL	1 / 3	miRNA target-214
40	-6.85	NULL	78 / 1233	TF KIM_MYC targets

