

# 04.1134.015\_nH

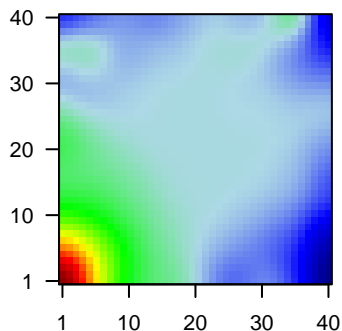
## Global Summary

%DE = 0.25  
 # genes with fdr < 0.2 = 4926 ( 2304 + / 2622 - )  
 # genes with fdr < 0.1 = 4329 ( 2060 + / 2269 - )  
 # genes with fdr < 0.05 = 3985 ( 1931 + / 2054 - )  
 # genes with fdr < 0.01 = 3420 ( 1692 + / 1728 - )

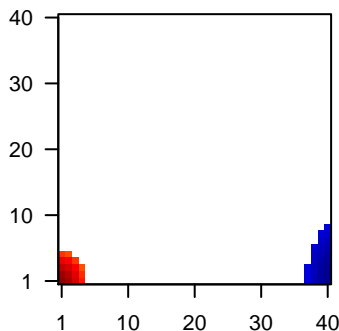
# genes in genesets = 18990

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

Profile



Regulated Spots



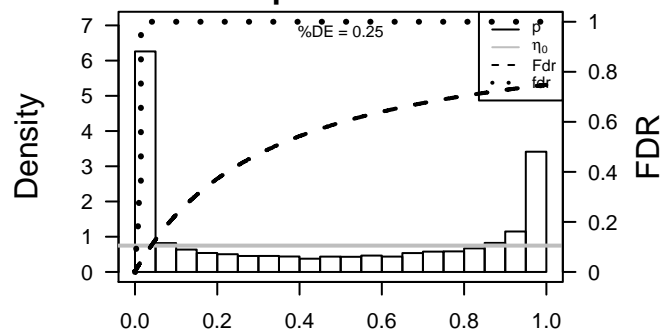
## Global Genelist

Rank	ID	log(FC)	fdr	Description	
		p-value		Metagene	
1	ENSG000002	0.22	2e-16	3e-15	7 x 8
2	ENSG000001	-0.27	2e-16	3e-15	40 x 8
3	ENSG000000	0.24	2e-16	3e-15	5 x 6
4	ENSG000001	0.28	2e-16	3e-15	1 x 8
5	ENSG000001	0.4	2e-16	3e-15	3 x 2
6	ENSG000000	0.35	2e-16	3e-15	2 x 1
7	ENSG000001	-0.23	2e-16	3e-15	25 x 1
8	ENSG000002	-0.28	2e-16	3e-15	29 x 2
9	ENSG000001	-0.37	2e-16	3e-15	38 x 7
10	ENSG000001	-0.75	2e-16	3e-15	40 x 40
11	ENSG000001	-0.22	2e-16	3e-15	37 x 1
12	ENSG000001	-0.23	2e-16	3e-15	1 x 33
13	ENSG000001	0.26	2e-16	3e-15	5 x 7
14	ENSG000001	0.28	2e-16	3e-15	1 x 3
15	ENSG000001	0.25	2e-16	3e-15	1 x 4
16	ENSG000001	0.29	2e-16	3e-15	34 x 40
17	ENSG000001	-0.22	2e-16	3e-15	40 x 7
18	ENSG000001	0.32	2e-16	3e-15	5 x 5
19	ENSG000000	0.39	2e-16	3e-15	3 x 1
20	ENSG000001	0.35	2e-16	3e-15	7 x 4

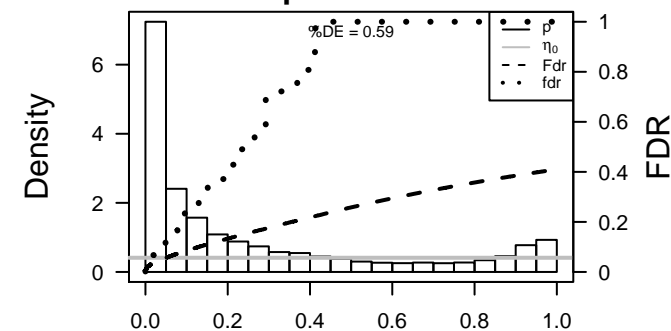
## Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
<i>Overexpressed</i>				
1	42.74	0e+00	427	Tissue WIRTH_Immune system
2	34.89	0e+00	844	Colon Cancerbckc_TCGA-expr_kmeans_E_CIMP.H_UP_Cluster4_DN
3	33.72	0e+00	175	GSEA C2LEE_DIFFERENTIATING_T_LYMPHOCYTE
4	28.8	0e+00	436	GSEA C2SMID_BREAST_CANCER_NORMAL_LIKE_UP
5	26.9	0e+00	1340	GSEA C2PUJANA_ATM_PCC_NETWORK
6	25.67	1e-06	263	GSEA C2WALLACE_PROSTATE_CANCER_RACE_UP
7	24.93	1e-06	5643	LymphomIOPP_Txn_transition
8	22.57	6e-06	574	Cancer Lembecke_Colonc Inflammation
9	21.69	9e-06	7592	LymphomIOPP_Strong_enhancer
10	19.69	2e-05	473	GSEA C2ZHENG_BOUND_BY_FOXP3
11	19.15	2e-05	51	GSEA C2MORL_LARGE_PRE_BII_LYMPHOCYTE_DN
12	19.07	2e-05	7491	LymphomIOPP_Txn_elongation
13	18.85	2e-05	500	LymphomIIRTH_lymphoma937_spot J
14	18.75	2e-05	16	CC MHC class II protein complex
15	18.67	2e-05	484	LymphomIopp_June14_MMML937 tumors+controls_group.overexpression_
16	18.51	2e-05	368	GSEA C2OSMAN_BLADEDER_CANCER_DN
17	18.38	2e-05	181	HM HALLMARK_ALLOGRAFT_REJECTION
18	18.24	2e-05	170	GSEA C2JISON_SICKLE_CELL_DISEASE_DN
19	18.1	2e-05	246	GSEA C2QI_PLASMACYTOMA_UP
20	17.9	2e-05	347	LymphomIIRTH_lymphoma937_spot H
<i>Underexpressed</i>				
1	-16.68	2e-05	251	GSEA C2NAMUNYOKOLI_OVARIAN_CANCER_LMP_UP
2	-14.81	3e-05	5039	LymphomIOPP_Repressed
3	-14.76	3e-05	425	CC mitochondrial inner membrane
4	-14.26	4e-05	1441	CC mitochondrion
5	-13.9	4e-05	643	Colon Cancerbckc_TCGA_meth_kmeans_J_CIMP.H_DN
6	-13.89	4e-05	1418	BP small molecule metabolic process
7	-13.79	4e-05	126	GSEA C2VECCHI_GASTRIC_CANCER_ADVANCED_VS_EARLY_DN
8	-13.5	4e-05	198	HM HALLMARK_OXIDATIVE_PHOSPHORYLATION
9	-13.43	4e-05	144	LymphomIIRTH_lymphoma937_spot G
10	-13.29	4e-05	429	GSEA C2CHARAFE_BREAST_CANCER_LUMINAL_VS_MESENCHYMAL
11	-13.24	4e-05	400	GSEA C2VECCHI_GASTRIC_CANCER_EARLY_UP
12	-12.82	5e-05	207	GSEA C2WONG_MITOCHONDRIA_GENE_MODULE
13	-12.8	5e-05	132	GSEA C2NAMUNYOKOLI_OVARIAN_CANCER_GRADES_1_2_UP
14	-12.67	6e-05	142	LymphomIopp_June14_MMML937 tumors+controls_group.overexpression_
15	-12.63	6e-05	2838	LymphomIOPP_Poised_promoter
16	-12.52	6e-05	261	GSEA C2MCBRYAN_PUBERTAL_BREAST_4_5WK_UP
17	-12.23	7e-05	688	Colon Cancerbckc_TCGA-expr_kmeans_L_CIMP.H_UP_Cluster4_DN
18	-12.21	7e-05	104	Colon Cancerbckc_CRC_TCGA_group.over_A_normal_UP
19	-12.11	7e-05	2638	CC extracellular exosome
20	-11.82	8e-05	437	GSEA C2MOOTHA_MITOCHONDRIA

p-values



p-values



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## Local Summary

%DE = 1  
 # metagenes = 17  
 # genes = 322  
 # genes in genesets = 316  
  
 # genes with  $fdr < 0.1$  = 320 ( 320 + / 0 -)  
 # genes with  $fdr < 0.05$  = 320 ( 320 + / 0 -)  
 # genes with  $fdr < 0.01$  = 320 ( 320 + / 0 -)

<r> metagenes = 0.98

<r> genes = 0.75

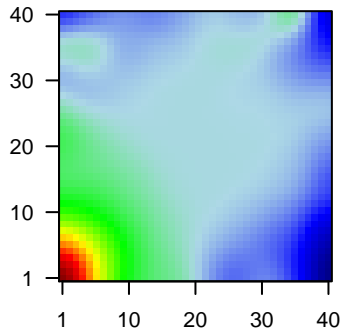
<FC> = 0.44

<t-score> = 8.9

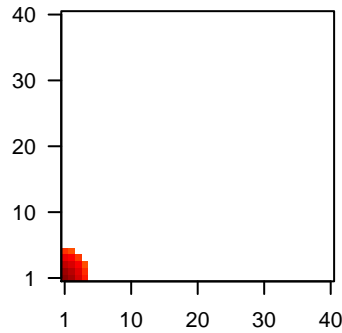
<p-value> = 0

<fdr> = 0

Profile



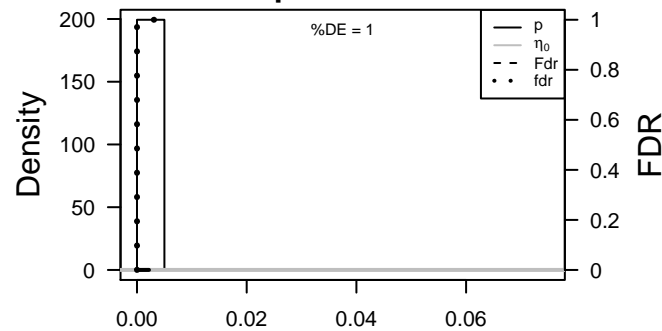
Spot



## Local Genelist

Rank	ID	log(FC)	fdr	p-value	Description
1	ENSG0000001	0.4	2e-16	8e-19	3 x 2 phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic su
2	ENSG0000000	0.35	2e-16	8e-19	2 x 1 tumor necrosis factor receptor superfamily, member 1B [Sour
3	ENSG0000001	0.28	2e-16	8e-19	1 x 3 complement component 1, q subcomponent, A chain [Source
4	ENSG0000001	0.25	2e-16	8e-19	1 x 4 complement component 1, q subcomponent, C chain [Source
5	ENSG0000000	0.39	2e-16	8e-19	3 x 1 runt-related transcription factor 3 [Source:HGNC Symbol;Acc
6	ENSG0000001	1.01	2e-16	8e-19	1 x 1 CD52 molecule [Source:HGNC Symbol;Acc:HGNC:1804]
7	ENSG0000001	0.73	2e-16	8e-19	1 x 1 lysosomal protein transmembrane 5 [Source:HGNC Symbol;/
8	ENSG0000001	0.56	2e-16	8e-19	1 x 1 LCK proto-oncogene, Src family tyrosine kinase [Source:HG
9	ENSG0000000	0.72	2e-16	8e-19	1 x 1 small ArfGAP2 [Source:HGNC Symbol;Acc:HGNC:25082]
10	ENSG0000001	0.36	2e-16	8e-19	1 x 4 Janus kinase 1 [Source:HGNC Symbol;Acc:HGNC:6190]
11	ENSG0000001	0.3	2e-16	8e-19	1 x 3 vascular cell adhesion molecule 1 [Source:HGNC Symbol;Ac
12	ENSG0000001	0.41	2e-16	8e-19	1 x 5 sphingosine-1-phosphate receptor 1 [Source:HGNC Symbol
13	ENSG0000001	0.79	2e-16	8e-19	1 x 1 CD53 molecule [Source:HGNC Symbol;Acc:HGNC:1686]
14	ENSG0000001	0.65	2e-16	8e-19	1 x 1 CD2 molecule [Source:HGNC Symbol;Acc:HGNC:1639]
15	ENSG0000001	0.53	2e-16	8e-19	1 x 3 CDC42 small effector 1 [Source:HGNC Symbol;Acc:HGNC:1
16	ENSG0000001	0.41	2e-16	8e-19	3 x 1 Fc receptor-like 3 [Source:HGNC Symbol;Acc:HGNC:18506]
17	ENSG0000001	0.27	2e-16	8e-19	4 x 1 Fc receptor-like 2 [Source:HGNC Symbol;Acc:HGNC:14875]
18	ENSG0000001	0.47	2e-16	8e-19	1 x 2 Fc receptor-like 1 [Source:HGNC Symbol;Acc:HGNC:18509]
19	ENSG0000001	0.29	2e-16	8e-19	1 x 1 CD1c molecule [Source:HGNC Symbol;Acc:HGNC:1636]
20	ENSG0000001	0.37	2e-16	8e-19	1 x 3 interferon, gamma-inducible protein 16 [Source:HGNC Symb

p-values



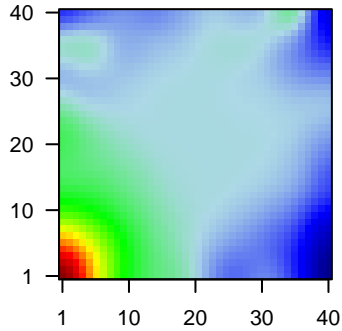
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## Local Summary

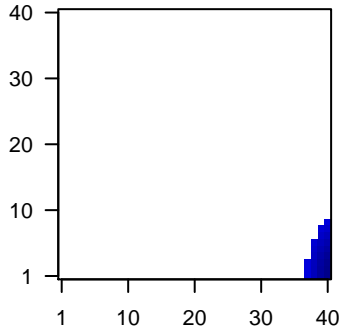
%DE = 0.99  
 # metagenes = 26  
 # genes = 485  
 # genes in genesets = 477  
  
 # genes with  $fdr < 0.1$  = 480 ( 16 + / 464 - )  
 # genes with  $fdr < 0.05$  = 470 ( 12 + / 458 - )  
 # genes with  $fdr < 0.01$  = 461 ( 11 + / 450 - )

$\langle r \rangle$  metagenes = 0.94  
 $\langle r \rangle$  genes = 0.57  
  
 $\langle FC \rangle = -0.23$   
 $\langle t\text{-score} \rangle = -4.6$   
 $\langle p\text{-value} \rangle = 0$   
 $\langle fdr \rangle = 0.05$

Profile



Spot



## Local Genelist

Rank	ID	log(FC)	p-value	fdr	Description
1	ENSG0000001	-0.27	2e-16	4e-18	40 x 8 aurora kinase A interacting protein 1 [Source:HGNC Symbol;Acc:HGNC:10773]
2	ENSG0000001	-0.22	2e-16	4e-18	37 x 1 calcium/calmodulin-dependent protein kinase II inhibitor 1 [Source:HGNC Symbol;Acc:HGNC:10773]
3	ENSG0000001	-0.22	2e-16	4e-18	40 x 7 UDP-galactose-4-epimerase [Source:HGNC Symbol;Acc:HGNC:10773]
4	ENSG0000001	-0.41	2e-16	4e-18	40 x 1 stratifin [Source:HGNC Symbol;Acc:HGNC:10773]
5	ENSG0000001	-0.38	2e-16	4e-18	40 x 1 serine incorporator 2 [Source:HGNC Symbol;Acc:HGNC:2322]
6	ENSG0000001	-0.22	2e-16	4e-18	40 x 5 KIAA1522 [Source:HGNC Symbol;Acc:HGNC:29301]
7	ENSG0000001	-0.49	2e-16	4e-18	40 x 1 transmembrane protein 54 [Source:HGNC Symbol;Acc:HGNC:10773]
8	ENSG0000000	-0.25	2e-16	4e-18	40 x 1 guanylate cyclase activator 2B (uroguanylin) [Source:HGNC Symbol;Acc:HGNC:10773]
9	ENSG0000001	-0.36	2e-16	4e-18	40 x 1 tetraspanin 1 [Source:HGNC Symbol;Acc:HGNC:20657]
10	ENSG0000001	-0.25	2e-16	4e-18	40 x 5 24-dehydrocholesterol reductase [Source:HGNC Symbol;Acc:HGNC:10773]
11	ENSG0000000	0.27	2e-16	4e-18	40 x 1 chloride channel accessory 4 [Source:HGNC Symbol;Acc:HGNC:10773]
12	ENSG0000001	-0.36	2e-16	4e-18	40 x 3 EPS8-like 3 [Source:HGNC Symbol;Acc:HGNC:21297]
13	ENSG0000001	-0.28	2e-16	4e-18	37 x 1 ras homolog family member C [Source:HGNC Symbol;Acc:HGNC:10773]
14	ENSG0000001	-0.23	2e-16	4e-18	40 x 4 ATPase, Na+/K+ transporting, alpha 1 polypeptide [Source:HGNC Symbol;Acc:HGNC:10773]
15	ENSG0000001	-0.3	2e-16	4e-18	40 x 1 3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) [Source:HGNC Symbol;Acc:HGNC:10773]
16	ENSG0000001	-0.44	2e-16	4e-18	40 x 1 selenium binding protein 1 [Source:HGNC Symbol;Acc:HGNC:10773]
17	ENSG0000001	-0.42	2e-16	4e-18	40 x 4 S100 calcium binding protein A10 [Source:HGNC Symbol;Acc:HGNC:10773]
18	ENSG0000001	-0.63	2e-16	4e-18	40 x 6 S100 calcium binding protein A6 [Source:HGNC Symbol;Acc:HGNC:10773]
19	ENSG0000001	-0.46	2e-16	4e-18	40 x 4 S100 calcium binding protein A16 [Source:HGNC Symbol;Acc:HGNC:10773]
20	ENSG0000001	-0.6	2e-16	4e-18	40 x 1 S100 calcium binding protein A14 [Source:HGNC Symbol;Acc:HGNC:10773]

p-values

