48hpf_pos

Global Summary

%DE = 0.36

genes with fdr < 0.2 = 3363 (723 + / 2640 −)

genes with fdr < 0.1 = 0 (0 + / 0 −)

genes with fdr < 0.05 = 0 (0 + / 0 −)

genes with fdr < 0.01 = 0 (0 + / 0 −)

genes in genesets = 21072

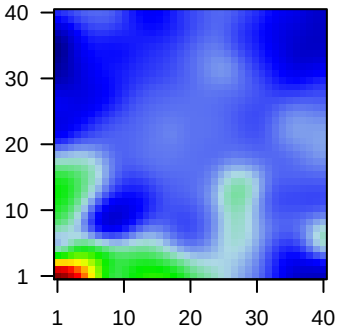
<FC> = 0

<t−score> = −14.21

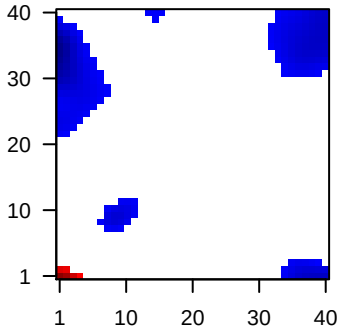
<p−value> = 0.19

<fdr> = 0.64

Portrait



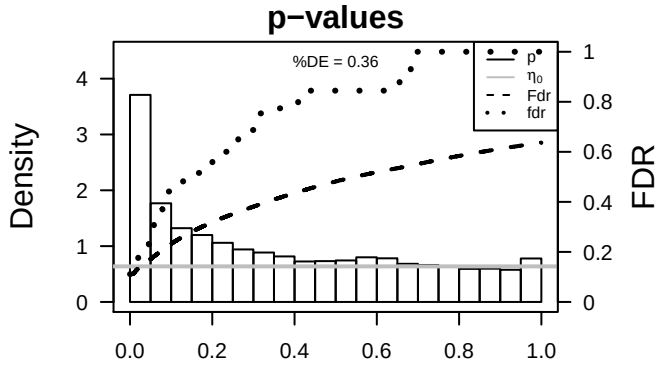
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	ENSDARG00(	0	2e−05	0.1	22 x 22	dre−mir−430a−4 [Source:miRBase;Acc:MI0002113]
2	ENSDARG00(	0	2e−05	0.1	22 x 22	dre−mir−430a−4 [Source:miRBase;Acc:MI0002113]
3	ENSDARG00(	0	3e−05	0.1	22 x 22	si:dkey−241l7.5 [Source:ZFIN;Acc:ZDB−GENE−041014−237
4	ENSDARG00(	−0.01	4e−05	0.1	25 x 23	zgc:152652 [Source:ZFIN;Acc:ZDB−GENE−060818−27]
5	ENSDARG00(	−0.02	6e−05	0.1	25 x 23	
6	ENSDARG00(	0	1e−04	0.1	21 x 22	si:dkeyp−13d12.16 [Source:ZFIN;Acc:ZDB−GENE−141212−1
7	ENSDARG00(	1.32	1e−04	0.1	3 x 13	coronin, actin binding protein, 2Ba [Source:ZFIN;Acc:ZDB−G
8	ENSDARG00(	3.82	1e−04	0.1	4 x 1	troponin T type 2a (cardiac) [Source:ZFIN;Acc:ZDB−GENE−(
9	ENSDARG00(	−0.43	2e−04	0.1	8 x 25	calcium binding protein 1b [Source:ZFIN;Acc:ZDB−GENE−04
10	ENSDARG00(	−0.02	2e−04	0.1	21 x 27	Vault RNA [Source:RFAM;Acc:RF00006]
11	ENSDARG00(	2.97	2e−04	0.1	4 x 1	phosphoribosyl pyrophosphate amidotransferase [Source:ZFI
12	ENSDARG00(	−0.45	2e−04	0.1	17 x 33	potassium channel, subfamily V, member 2b [Source:ZFIN;Ac
13	ENSDARG00(	−0.46	2e−04	0.1	19 x 7	si:dkey−26m3.3 [Source:ZFIN;Acc:ZDB−GENE−070705−445
14	ENSDARG00(	0	2e−04	0.1	21 x 22	zmp:0000001233 [Source:ZFIN;Acc:ZDB−GENE−140106−19
15	ENSDARG00(	−0.75	2e−04	0.1	5 x 31	si:ch211−276i12.4 [Source:ZFIN;Acc:ZDB−GENE−141216−2
16	ENSDARG00(	−0.01	2e−04	0.1	25 x 23	si:dkey−11o1.3 [Source:ZFIN;Acc:ZDB−GENE−100921−37]
17	ENSDARG00(	1.57	3e−04	0.1	1 x 3	heme−binding protein soul5 [Source:ZFIN;Acc:ZDB−GENE−1
18	ENSDARG00(	−1.61	3e−04	0.1	5 x 27	neurocalcin delta b [Source:ZFIN;Acc:ZDB−GENE−040808−3
19	ENSDARG00(	−0.42	3e−04	0.1	40 x 14	family with sequence similarity 19 member A2, C−C motif che
20	ENSDARG00(	−0.43	3e−04	0.1	5 x 26	calcium/calmodulin−dependent protein kinase IGa [Source:ZI

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	4.6	NULL	11	BP	striated muscle contraction
2	4.51	NULL	11	BP	artery development
3	4.5	NULL	13	BP	regulation of muscle contraction
4	3.98	NULL	14	BP	branching involved in blood vessel morphogenesis
5	3.88	NULL	15	BP	ventricular system development
6	3.83	NULL	54	CC	actin cytoskeleton
7	3.55	NULL	11	BP	purine nucleotide biosynthetic process
8	3.26	NULL	17	BP	blood circulation
9	3.17	NULL	23	CC	troponin complex
10	2.97	NULL	24	BP	regulation of heart contraction
11	2.63	NULL	32	BP	hematopoietic stem cell differentiation
12	2.6	NULL	35	BP	sarcomere organization
13	2.37	NULL	76	BP	actin cytoskeleton organization
14	2.35	NULL	108	MF	actin filament binding
15	2.32	NULL	54	BP	heart contraction
16	2.32	NULL	52	BP	blood vessel development
17	2.17	NULL	50	BP	vasculature development
18	2.16	NULL	24	BP	nucleoside metabolic process
19	2.01	NULL	12	BP	cardiac muscle tissue development
20	1.72	NULL	2030	MF	nucleic acid binding
Underexpressed					
1	−3	NULL	34	BP	peptidyl−threonine phosphorylation
2	−2.43	NULL	27	MF	calmodulin−dependent protein kinase activity
3	−2.13	NULL	24	BP	peripheral nervous system development
4	−1.98	NULL	19	BP	transmission of nerve impulse
5	−1.85	NULL	13	BP	NAD biosynthetic process
6	−1.72	NULL	24	BP	synapse organization
7	−1.67	NULL	27	MF	cytokine receptor activity
8	−1.63	NULL	12	BP	exocyst localization
9	−1.48	NULL	94	BP	peptidyl−serine phosphorylation
10	−1.38	NULL	56	CC	voltage−gated potassium channel complex
11	−1.38	NULL	32	BP	myelination
12	−1.38	NULL	634	CC	extracellular region
13	−1.36	NULL	17	BP	ceramide biosynthetic process
14	−1.29	NULL	71	MF	calmodulin binding
15	−1.29	NULL	90	MF	potassium channel activity
16	−1.23	NULL	22	MF	neuropeptide hormone activity
17	−1.22	NULL	26	MF	neuropeptide binding
18	−1.22	NULL	20	CC	exocyst
19	−1.14	NULL	23	MF	NADP binding
20	−1.13	NULL	20	BP	G−protein coupled receptor signaling pathway, coupled to cyclic nu