72hpf_pos_hand2

Global Summary

%DE = 0.16

genes with fdr < 0.2 = 3582 (1910 + / 1672 −)

genes with fdr < 0.1 = 3006 (1646 + / 1360 −)

genes with fdr < 0.05 = 2649 (1457 + / 1192 −)

genes with fdr < 0.01 = 1906 (1118 + / 788 −)

genes in genesets = 21072

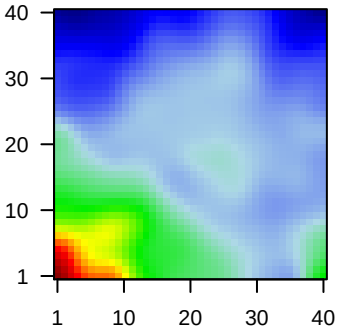
<FC> = 0

<t−score> = 0.02

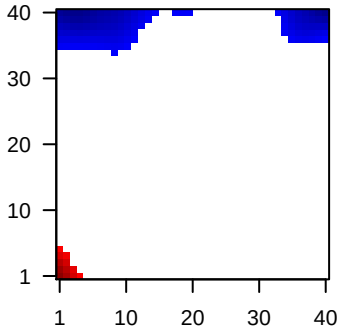
<p−value> = 0.07

<fdr> = 0.84

Portrait



Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	ENSDARG00(	2.29	2e−16	2e−14	8 x 1	nuclear receptor subfamily 4, group A, member 1 [Source:ZFI
2	ENSDARG00(	2.92	2e−16	2e−14	8 x 8	T−cell activation RhoGTPase activating protein a [Source:ZFI
3	ENSDARG00(	3.24	2e−16	2e−14	6 x 1	ryanodine receptor 2b (cardiac) [Source:ZFIN;Acc:ZDB−GEN
4	ENSDARG00(	3.68	2e−16	2e−14	1 x 4	cathepsin L.1 [Source:ZFIN;Acc:ZDB−GENE−040718−61]
5	ENSDARG00(	3.28	2e−16	2e−14	1 x 3	granulin a [Source:ZFIN;Acc:ZDB−GENE−030131−8434]
6	ENSDARG00(	2.65	2e−16	2e−14	1 x 4	nuclear factor of kappa light polypeptide gene enhancer in B−
7	ENSDARG00(	2.76	2e−16	2e−14	1 x 1	aldo−keto reductase family 1, member B1 (aldose reductase)
8	ENSDARG00(	−3.12	2e−16	2e−14	3 x 40	amphiphysin [Source:ZFIN;Acc:ZDB−GENE−040426−1711]
9	ENSDARG00(	−2.55	2e−16	2e−14	29 x 7	heart and neural crest derivatives expressed 2 [Source:ZFIN;
10	ENSDARG00(	−4.09	2e−16	2e−14	40 x 40	zinc finger−like gene 2a [Source:ZFIN;Acc:ZDB−GENE−0308
11	ENSDARG00(	−3.07	2e−16	2e−14	4 x 40	LIM domain only 3 [Source:ZFIN;Acc:ZDB−GENE−050522−2
12	ENSDARG00(	2.68	2e−16	2e−14	1 x 5	fibrinogen beta chain [Source:ZFIN;Acc:ZDB−GENE−030131
13	ENSDARG00(	−2.67	2e−16	2e−14	3 x 40	diencephalon/mesencephalon homeobox 1a [Source:ZFIN;Ac
14	ENSDARG00(	−2.27	2e−16	2e−14	4 x 38	dynamin 1a [Source:ZFIN;Acc:ZDB−GENE−081104−27]
15	ENSDARG00(	2.51	2e−16	2e−14	1 x 1	RAB34, member RAS oncogene family b [Source:ZFIN;Acc:Z
16	ENSDARG00(	−2.47	2e−16	2e−14	40 x 40	carbonic anhydrase [Source:ZFIN;Acc:ZDB−GENE−980526−
17	ENSDARG00(	4.42	2e−16	2e−14	4 x 1	troponin C type 1a (slow) [Source:ZFIN;Acc:ZDB−GENE−030
18	ENSDARG00(	3.41	2e−16	2e−14	7 x 1	myosin binding protein C, cardiac [Source:ZFIN;Acc:ZDB−GE
19	ENSDARG00(	2.33	2e−16	2e−14	1 x 5	complement component c3a, duplicate 1 [Source:ZFIN;Acc:Z
20	ENSDARG00(	−3.14	2e−16	2e−14	40 x 40	solute carrier family 4 (anion exchanger), member 1a (Diego

Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	12.51	NULL	712	BP	oxidation−reduction process
2	12.46	NULL	522	MF	oxidoreductase activity
3	11.53	NULL	35	BP	sarcomere organization
4	10.55	NULL	54	BP	heart contraction
5	9.3	NULL	231	MF	actin binding
6	8.91	NULL	12	BP	cardiac muscle tissue development
7	8.67	NULL	414	BP	metabolic process
8	8.51	NULL	70	CC	myosin complex
9	8.4	NULL	96	CC	lysosome
10	8.19	NULL	23	CC	troponin complex
11	8.17	NULL	11	BP	striated muscle contraction
12	8.12	NULL	39	CC	Z disc
13	8.11	NULL	480	MF	catalytic activity
14	7.99	NULL	33	MF	endopeptidase inhibitor activity
15	7.94	NULL	27	BP	response to bacterium
16	7.66	NULL	15	BP	cardiac muscle contraction
17	7.62	NULL	13	BP	response to cadmium ion
18	7.56	NULL	13	BP	cardiac muscle cell proliferation
19	7.37	NULL	30	BP	pigmentation
20	7.24	NULL	23	BP	lipoprotein metabolic process
Underexpressed					
1	−17.96	NULL	168	CC	nucleosome
2	−17.47	NULL	229	CC	chromosome
3	−16.7	NULL	1484	MF	DNA binding
4	−15.71	NULL	2716	CC	nucleus
5	−15.16	NULL	117	BP	nucleosome assembly
6	−13	NULL	232	MF	protein heterodimerization activity
7	−12.74	NULL	14	CC	hemoglobin complex
8	−11.02	NULL	37	MF	nucleosomal DNA binding
9	−10.98	NULL	2030	MF	nucleic acid binding
10	−10.93	NULL	19	MF	oxygen binding
11	−10.93	NULL	19	BP	oxygen transport
12	−10.93	NULL	19	MF	oxygen transporter activity
13	−10.17	NULL	537	MF	sequence−specific DNA binding
14	−9.68	NULL	1239	BP	regulation of transcription, DNA−templated
15	−9.27	NULL	454	BP	multicellular organism development
16	−8.71	NULL	175	BP	nervous system development
17	−8.04	NULL	172	BP	homophilic cell adhesion via plasma membrane adhesion molecule
18	−7.94	NULL	43	BP	DNA−templated transcription, initiation
19	−7.31	NULL	155	CC	synapse
20	−7.13	NULL	153	CC	proteinaceous extracellular matrix

p−values