24hpf_pos.1

Global Summary

%DE = 0.25

genes with fdr < 0.2 = 6065 (3212 + / 2853 −)

genes with fdr < 0.1 = 5008 (2457 + / 2551 −)

genes with fdr < 0.05 = 4252 (1919 + / 2333 −)

genes with fdr < 0.01 = 3168 (1239 + / 1929 −)

genes in genesets = 21072

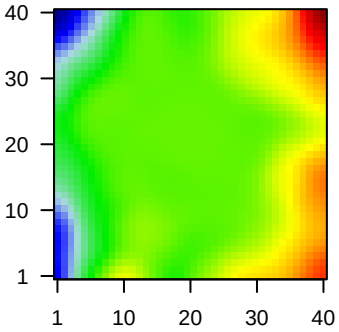
<FC> = 0

<t−score> = −0.04

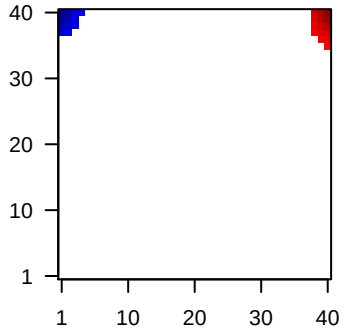
<p−value> = 0.02

<fdr> = 0.75

Portrait



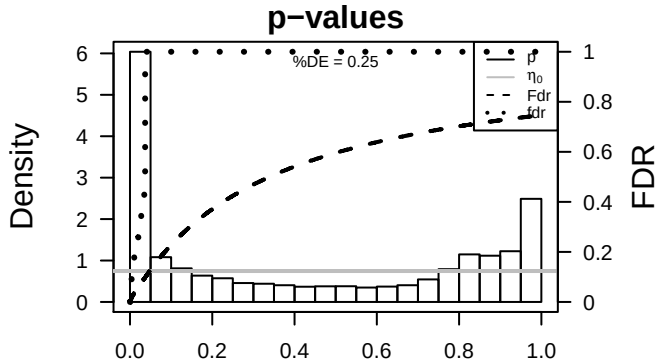
Regulated Metagenes



Global Genelist

Rank	ID	log(FC)	p−value	fdr	Metagene	Description
1	ENSDARG00(	−4.29	2e−16	7e−15	1 x 29	keratin 97 [Source:ZFIN;Acc:ZDB−GENE−040718−78]
2	ENSDARG00(	−5.96	2e−16	7e−15	1 x 40	syntaxin 1B [Source:ZFIN;Acc:ZDB−GENE−000330−4]
3	ENSDARG00(	−3.37	2e−16	7e−15	5 x 38	solute carrier family 17 (vesicular glutamate transporter), mer
4	ENSDARG00(	−5.44	2e−16	7e−15	1 x 8	actinin alpha 3b [Source:ZFIN;Acc:ZDB−GENE−030131−204
5	ENSDARG00(	−3.41	2e−16	7e−15	1 x 11	inositol polyphosphate phosphatase−like 1b [Source:ZFIN;Ac
6	ENSDARG00(	−2.88	2e−16	7e−15	1 x 10	glycoprotein M6Bb [Source:ZFIN;Acc:ZDB−GENE−030710−1
7	ENSDARG00(	5.19	2e−16	7e−15	40 x 39	otoconin 90 [Source:ZFIN;Acc:ZDB−GENE−070912−300]
8	ENSDARG00(	−5.21	2e−16	7e−15	1 x 37	tenascin XBa [Source:ZFIN;Acc:ZDB−GENE−070103−5]
9	ENSDARG00(	−3.61	2e−16	7e−15	1 x 8	ATPase, Na+/K+ transporting, alpha 1a polypeptide, tandem (
10	ENSDARG00(	−4.07	2e−16	7e−15	1 x 9	RAR−related orphan receptor A, paralog b [Source:ZFIN;Acc
11	ENSDARG00(	−5.36	2e−16	7e−15	1 x 36	myosin, heavy chain b [Source:ZFIN;Acc:ZDB−GENE−08112
12	ENSDARG00(	−3.3	2e−16	7e−15	4 x 40	syntaxin binding protein 1a [Source:ZFIN;Acc:ZDB−GENE−0
13	ENSDARG00(	−4.55	2e−16	7e−15	1 x 37	rhodopsin [Source:ZFIN;Acc:ZDB−GENE−990415−271]
14	ENSDARG00(	4.64	2e−16	7e−15	40 x 40	Rh blood group, D antigen [Source:ZFIN;Acc:ZDB−GENE−05
15	ENSDARG00(	−4	2e−16	7e−15	1 x 38	synaptophysin b [Source:ZFIN;Acc:ZDB−GENE−040718−205
16	ENSDARG00(	−6.61	2e−16	7e−15	1 x 3	synaptogyrin 1a [Source:ZFIN;Acc:ZDB−GENE−041010−169
17	ENSDARG00(	−5	2e−16	7e−15	1 x 7	myosin light chain, phosphorylatable, fast skeletal muscle b [
18	ENSDARG00(	−3.89	2e−16	7e−15	1 x 36	guanine nucleotide binding protein (G protein), beta polypepti
19	ENSDARG00(	−6.62	2e−16	7e−15	1 x 6	parvalbumin 2 [Source:ZFIN;Acc:ZDB−GENE−000322−4]
20	ENSDARG00(	−4.93	2e−16	7e−15	1 x 8	adenosine deaminase [Source:ZFIN;Acc:ZDB−GENE−04071

p−values



Global Geneset Analysis

Rank	GSZ	p−value	#all	Geneset	
Overexpressed					
1	14.09	NULL	2030	MF	nucleic acid binding
2	10.31	NULL	14	CC	hemoglobin complex
3	10.19	NULL	28	BP	embryonic hemopoiesis
4	8.03	NULL	78	BP	DNA replication
5	7.99	NULL	229	CC	chromosome
6	7.93	NULL	40	BP	erythrocyte differentiation
7	7.83	NULL	15	BP	heme biosynthetic process
8	7.39	NULL	19	MF	oxygen binding
9	7.39	NULL	19	BP	oxygen transport
10	7.39	NULL	19	MF	oxygen transporter activity
11	7.09	NULL	24	BP	myeloid cell differentiation
12	6.59	NULL	22	BP	DNA replication initiation
13	6.43	NULL	32	BP	DNA duplex unwinding
14	6.39	NULL	168	CC	nucleosome
15	6.21	NULL	148	BP	DNA repair
16	6.1	NULL	52	BP	blood vessel development
17	6.08	NULL	110	BP	cell cycle
18	6.07	NULL	46	BP	mitotic cell cycle
19	6.02	NULL	140	CC	nucleolus
20	5.62	NULL	29	CC	kinetochore
Underexpressed					
1	−11.75	NULL	717	MF	calcium ion binding
2	−10.28	NULL	62	CC	intermediate filament
3	−9.94	NULL	499	BP	ion transport
4	−9.85	NULL	172	BP	homophilic cell adhesion via plasma membrane adhesion molecule
5	−9.77	NULL	6723	CC	membrane
6	−9.22	NULL	175	BP	nervous system development
7	−9.13	NULL	1162	CC	plasma membrane
8	−8.82	NULL	155	CC	synapse
9	−8.72	NULL	6248	CC	integral component of membrane
10	−8.67	NULL	333	BP	cell adhesion
11	−8.58	NULL	49	MF	extracellular matrix structural constituent
12	−8.19	NULL	32	MF	extracellular−glutamate−gated ion channel activity
13	−8.19	NULL	32	MF	ionotropic glutamate receptor activity
14	−8.19	NULL	32	BP	ionotropic glutamate receptor signaling pathway
15	−8.14	NULL	159	MF	structural molecule activity
16	−8.03	NULL	70	CC	myosin complex
17	−7.76	NULL	18	MF	tubulin binding
18	−7.7	NULL	1084	BP	transport
19	−7.23	NULL	120	MF	motor activity
20	−7.18	NULL	270	MF	ion channel activity