

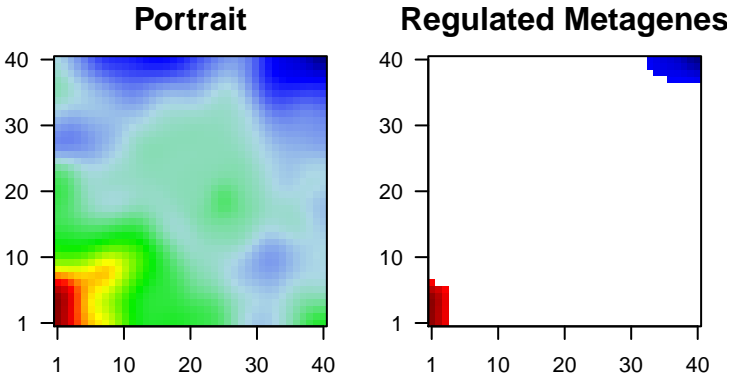
72hpf_pos_tbx5

Global Summary

%DE = 0.16
genes with fdr < 0.2 = 3245 (1808 + / 1437 -)
genes with fdr < 0.1 = 2679 (1529 + / 1150 -)
genes with fdr < 0.05 = 2302 (1336 + / 966 -)
genes with fdr < 0.01 = 1557 (970 + / 587 -)

genes in genesets = 21072

<FC> = 0
<t-score> = 0.01
<p-value> = 0.09
<fdr> = 0.84



Global Genelist

Rank	ID	log(FC)	fdr	p-value	Description
					Metagene
1	ENSDARG000	3.48	2e-16	3e-14	1 x 6 complement component c3b, tandem duplicate 2 [Source:ZFIN]
2	ENSDARG000	-3.7	2e-16	3e-14	40 x 40 Rh blood group, D antigen [Source:ZFIN;Acc:ZDB-GENE-05
3	ENSDARG000	3.73	2e-16	3e-14	1 x 6 phosphorylase, glycogen, liver [Source:ZFIN;Acc:ZDB-GENE
4	ENSDARG000	3.13	2e-16	3e-14	5 x 7 myo-inositol oxygenase [Source:ZFIN;Acc:ZDB-GENE-0505
5	ENSDARG000	3.26	2e-16	3e-14	1 x 6 apobec1 complementation factor [Source:ZFIN;Acc:ZDB-GEI
6	ENSDARG000	3.28	2e-16	3e-14	1 x 4 cathepsin L.1 [Source:ZFIN;Acc:ZDB-GENE-040718-61]
7	ENSDARG000	3.21	2e-16	3e-14	1 x 5 alpha-1-microglobulin/bikunin precursor [Source:ZFIN;Acc:Z
8	ENSDARG000	2.97	2e-16	3e-14	1 x 3 granulin a [Source:ZFIN;Acc:ZDB-GENE-030131-8434]
9	ENSDARG000	2.45	2e-16	3e-14	1 x 1 aldo-keto reductase family 1, member B1 (aldose reductase)
10	ENSDARG000	-3.25	2e-16	3e-14	9 x 40 protocadherin 8 [Source:ZFIN;Acc:ZDB-GENE-980526-242
11	ENSDARG000	-2.88	2e-16	3e-14	40 x 40 T-box 6, like [Source:ZFIN;Acc:ZDB-GENE-980526-171]
12	ENSDARG000	3.9	2e-16	3e-14	1 x 5 urate oxidase [Source:ZFIN;Acc:ZDB-GENE-030826-24]
13	ENSDARG000	2.33	2e-16	3e-14	1 x 4 si:ch211-251b21.1 [Source:ZFIN;Acc:ZDB-GENE-060809-4
14	ENSDARG000	-2.57	2e-16	3e-14	15 x 40 BARX homeobox 1 [Source:ZFIN;Acc:ZDB-GENE-050522-2
15	ENSDARG000	2.98	2e-16	3e-14	1 x 6 formimidoyltransferase cyclodeaminase [Source:ZFIN;Acc:ZC
16	ENSDARG000	3.78	2e-16	3e-14	1 x 6 microsomal triglyceride transfer protein [Source:ZFIN;Acc:ZD
17	ENSDARG000	4.53	2e-16	3e-14	1 x 5 fibrinogen beta chain [Source:ZFIN;Acc:ZDB-GENE-030131
18	ENSDARG000	3.12	2e-16	3e-14	1 x 5 kynurenine 3-monooxygenase [Source:ZFIN;Acc:ZDB-GENE
19	ENSDARG000	2.88	2e-16	3e-14	8 x 9 dihydropyrimidine dehydrogenase b [Source:ZFIN;Acc:ZDB-4
20	ENSDARG000	2.87	2e-16	3e-14	3 x 6 ceruloplasmin [Source:ZFIN;Acc:ZDB-GENE-010522-1]

Global Geneset Analysis

Rank	GSZ	p-value	#all	Geneset
Overexpressed				
1	14.58	NULL	522	MF oxidoreductase activity
2	14.22	NULL	33	MF endopeptidase inhibitor activity
3	14.16	NULL	712	BP oxidation-reduction process
4	12.34	NULL	109	BP negative regulation of endopeptidase activity
5	12.27	NULL	10	CC chylomicron
6	12.09	NULL	23	BP lipoprotein metabolic process
7	11.44	NULL	11	BP cholesterol homeostasis
8	11.07	NULL	10	BP triglyceride catabolic process
9	11.05	NULL	10	CC high-density lipoprotein particle
10	10.9	NULL	414	BP metabolic process
11	10.75	NULL	67	BP lipid transport
12	10.7	NULL	480	MF catalytic activity
13	10.26	NULL	12	BP cholesterol biosynthetic process
14	9.58	NULL	13	BP cholesterol efflux
15	9.5	NULL	229	MF transporter activity
16	9.32	NULL	25	BP cellular response to estrogen stimulus
17	9.2	NULL	17	CC blood microparticle
18	9.14	NULL	19	BP gluconeogenesis
19	8.74	NULL	17	MF cholesterol transporter activity
20	8.5	NULL	17	MF cholesterol binding
Underexpressed				
1	-17.96	NULL	2716	CC nucleus
2	-16.14	NULL	1484	MF DNA binding
3	-15.47	NULL	14	CC hemoglobin complex
4	-13.67	NULL	19	MF oxygen binding
5	-13.67	NULL	19	BP oxygen transport
6	-13.67	NULL	19	MF oxygen transporter activity
7	-13.2	NULL	168	CC nucleosome
8	-12.95	NULL	229	CC chromosome
9	-12.94	NULL	2030	MF nucleic acid binding
10	-11.75	NULL	117	BP nucleosome assembly
11	-11.25	NULL	1239	BP regulation of transcription, DNA-templated
12	-10.62	NULL	454	BP multicellular organism development
13	-10.6	NULL	37	MF nucleosomal DNA binding
14	-10.31	NULL	537	MF sequence-specific DNA binding
15	-9.88	NULL	232	MF protein heterodimerization activity
16	-6.22	NULL	608	MF RNA binding
17	-5.5	NULL	115	MF chromatin binding
18	-5.42	NULL	643	BP transcription, DNA-templated
19	-5.35	NULL	153	CC proteinaceous extracellular matrix
20	-5.1	NULL	78	BP DNA replication

