

Supplementary Table 1. Uncorrected and corrected results of expression analyses. Analyses are shown for three stages for males only and females only to demonstrate the sex differences in expression before and after the thermosensitive period of development. The first of the three stages is not male- or female-specific.

Gene	Comparison of Expression Among/Between	df	EMS		F		P	
			Uncorrected	Corrected	Uncorrected	Corrected	Uncorrected	Corrected
LDHA	Three Stages	2	295.194	N/A	22.915	N/A	<0.001	N/A
	Three Stages (Males Only)	2	234.219	N/A	17.053	N/A	<0.001	N/A
	Three Stages (Females Only)	2	178.767	N/A	17.784	N/A	<0.001	N/A
FOXL2	Three Stages	2	275.615	1.845	82.335	2.452	<0.001	0.098
	Three Stages (Males Only)	2	148.658	1.535	54.997	1.981	<0.001	0.156
	Three Stages (Females Only)	2	139.189	0.622	29.465	1.427	<0.001	0.26
			t				P	
			Uncorrected	Corrected			Uncorrected	Corrected
	Late Embryo Males & Late Embryo Females		0.392	-1.377			0.703	0.199
	Juvenile Males & Juvenile Females		0.878	0.301			0.389	0.766
	Late Embryo Males & Juvenile Males		12.266	-1.153			<0.001	0.263
	Late Embryo Females & Juvenile Females		6.934	-0.97			<0.001	0.35
	Early Embryos & Late Embryo Males		-8.311	4.69			<0.001	<0.001
	Early Embryos & Late Embryo Females		-6.968	4.587			<0.001	<0.001
			EMS		F		P	
			Uncorrected	Corrected	Uncorrected	Corrected	Uncorrected	Corrected
	Juvenile Male Tissues	5	2.414	3.227	1.319	4.086	0.338	0.033
	Juvenile Female Tissues	5	8.473	2.093	7.498	960.999	0.064	<0.001
			t				P	
			Uncorrected	Corrected			Uncorrected	Corrected
	Juvenile Male Lung & Juvenile Female Lung		-0.72	0.679			0.504	0.523
	Juvenile Male Brain & Juvenile Female Brain		1.584	-0.387			0.211	0.724
	Juvenile Testes & Juvenile Ovaries		16.148	-3.6			0.039	0.172
			EMS		F		P	
			Uncorrected	Corrected	Uncorrected	Corrected	Uncorrected	Corrected
FGF9	Three Stages	2	9.173	0.33	1.504	3.866	0.231	0.027
	Three Stages (Males Only)	2	20.794	0.27	5.677	2.767	<0.01	0.075
	Three Stages (Females Only)	2	2.839	0.116	0.507	3.152	0.609	0.059
			t				P	
			Uncorrected	Corrected			Uncorrected	Corrected
	Late Embryo Males & Late Embryo Females		0.327	-0.821			0.751	0.433
	Juvenile Males & Juvenile Females		-2.947	0.4			<0.01	0.692
	Late Embryo Males & Juvenile Males		1.749	-1.36			0.09	0.184
	Late Embryo Females & Juvenile Females		-0.753	-1.424			0.463	0.175
	Early Embryos & Late Embryo Males		1.398	-2.334			0.185	0.036
	Early Embryos & Late Embryo Females		1.984	-2.041			0.067	0.061
			EMS		F		P	
			Uncorrected	Corrected	Uncorrected	Corrected	Uncorrected	Corrected
	Juvenile Male Tissues	5	9.668	0.523	2.204	9.243	0.092	<0.001
	Juvenile Female Tissues	5	65.762	0.201	818.965	2.903	<0.001	0.113
			t				P	
			Uncorrected	Corrected			Uncorrected	Corrected
	Juvenile Male Heart & Juvenile Female Heart		-2.451	0.271			0.04	0.794
	Juvenile Male Brain & Juvenile Female Brain		-1.844	1.804			0.102	0.109