

Supplementary information

Cadmium Ecotoxic Effects on Embryonic *Dmrt1* and *aromatase* Expression in *Chrysemys picta* Turtles may Implicate Changes in DNA Methylation

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This Supplementary file contains:

- Supplementary Table S1: Normalized gene expression data used in this study.

Supplementary Table S1: Normalized gene expression data used in this study

STAGE	TEMPERATURE	Log2(Aromatase/GAPDH)	STAGE	TEMPERATURE	Log2(Dmrt1/ β actin)
9	26	0.719004532	9	26	1.128333152
9	26	1.439785323	9	26	1.137785578
9	26	1.039761835	9	26	0.750679458
9	26	1.051554626	9	26	1.071607414
9	26	1.458027371	9	26	0.944148975
9	26	1.139862166	9	26	1.136296534
9	26	1.409754147	9	26	1.093986252
9	26	0.595566711	9	26	0.95272863
9	26	0.978191628	9	26	0.917826684
9	26	1.070206792	9	26	1.209474205
9	26	1.28721907	9	26	1.545475571
9	26	1.399610552	9	26	0.334063532
9	26	0.69088359	9	26	1.106483006
9	26	1.631845326	9	26	0.66956533
9	26	0.550760495	9	26	1.614840226
9	31	1.087631427	9	31	1.337747414
9	31	1.494691215	9	31	0.498515001
9	31	0.539360541	9	31	0.709916769
9	31	0.685846659	9	31	1.668911512
9	31	0.605633565	9	31	1.094225417
9	31	1.579318102	9	31	0.776694023
9	31	0.982186425	9	31	1.056317679
9	31	0.471923062	9	31	0.856666969
9	31	1.320018	9	31	0.41652167
9	31	0.406040045	9	31	0.718183644
9	31	1.372723145	9	31	0.817796701
9	31	1.558793353	9	31	1.004188022
9	31	0.342915877	9	31	0.783361096
9	31	0.93795136	9	31	-0.120316446
9	31	0.370471929	9	31	0.570178887
15	26	1.938168375	15	26	1.147560366
15	26	2.028250212	15	26	1.636145711
15	26	32.91002175	15	26	1.706700554
15	26	2.270608389	15	26	1.206957881
15	26	3.105936645	15	26	1.039452276
15	26	1.977261615	15	26	1.143525898
15	26	2.846576235	15	26	1.978123427
15	26	1.606827521	15	26	1.124980852
15	26	1.747501401	15	26	1.522066805
15	26	1.563912541	15	26	2.724134287
15	26	2.000319315	15	26	1.558403598
15	26	2.272354877	15	26	2.044473511
15	31	1.426009965	15	31	2.91456419
15	31	1.841973134	15	31	1.64379965
15	31	155.1899604	15	31	1.700813719
15	31	1.320419334	15	31	2.656173907
15	31	-8.458832141	15	31	2.749149294
15	31	1.377824095	15	31	1.036280965
15	31	2.396795577	15	31	1.895581312
15	31	2.15145769	15	31	1.415243922
15	31	-9.245621982	15	31	2.571479886
15	31	-6.745285836	15	31	3.237381279
15	31	1.574125254	15	31	1.227004654
15	31	1.018268779	15	31	1.181525041
22	26	2.07682587	22	26	0.186355891
22	26	1.716334866	22	26	1.301002918
22	26	1.727494927	22	26	0.403928472
22	26	2.173658309	22	26	1.293746289
22	26	1.381736464	22	26	0.719384717
22	26	1.998374648	22	26	1.517263655
22	26	2.039837674	22	26	1.017436572
22	26	1.908173647	22	26	1.202847572
22	26	1.984646185	22	26	1.383561928
22	31	1.944842998	22	26	0.294717452
22	31	-3.080707695	22	31	0.120869061
22	31	1.420863987	22	31	1.804726044
22	31	1.862459783	22	31	2.327087735
22	31	2.318446894	22	31	1.988995604
22	31	2.481986642	22	31	1.431972253
22	31	1.458563737	22	31	0.581264718
22	31	1.018467547	22	31	1.018461747
22	31	2.45826473	22	31	1.071546175
22	31	1.028457274	22	31	1.194756727
			22	31	1.17164611