

Supplemental Table 3: 11 β HSD mRNA levels for each tissue between midshipman reproductive morphs

Morph	Tissue	Normalized Mean	Standard Error	ANOVA Values
Male Type I Male Type II Female	OB/Tel/POA	0.009* ¹ 0.0017 0.0019	0.0036 0.0007 0.0002	p=0.0079 dF=2, 11 F-ratio=7.77
Male Type I Male Type II Female	Mid/ Di/ Cbl	0.0093 0.0302* ² 0.0028	0.0033 0.008 0.0006	p=0.0011 dF=2, 11 F-ratio=13.63
Male Type I Male Type II Female	Vocal Hindbrain - SC	0.0095 0.05* ³ 0.0016	0.0061 0.0112 0.0003	p=0.0002 dF=2, 11 F-ratio=20.29
Male Type I Male Type II Female	Vocal Muscle	0.0774* ⁴ 0.0026 0.033* ⁵	0.018 0.0007 0.01	p<0.0001 dF=2, 12 F-ratio=33.48
Male Type I Male Type II	Testis	0.06* ⁴ 0.0045	0.0125 0.002	p p<0.0001 dF=1, 8 F-ratio=147.70
¹ I>II and F, ² II>F, ³ II>I and F, ⁴ I>II, ⁵ F>II				

Supplemental Table 3: Normalized values and standard errors for 11 β HSD values are listed according to midshipman morph. ANOVA values (p value, degrees of freedom-dF, and Fratio) are also listed for each analysis performed within each tissue. Footnotes at bottom of the table indicate the direction of significant differences between the morphs.

Arterbery et al., Supplemental Table 3