

Supplemental Table 1. Plasma Testosterone levels observed in Experiments 1 and 2.

	GROUPS				
	Prepub treatment/ adult testing T (ng/ml) mean±SEM	Adolescent treatment/ adult testing T (ng/ml) mean±SEM	Adult treatment/ adult testing T (ng/ml) mean±SEM	Prepub treatment/ prepub testing T (ng/ml) mean±SEM	Adult control T (ng/ml) mean±SEM
EXPERIMENTS					
Exp1: 19 day					
organizational implant					
19d T implant	4.63 ± 0.50	3.12 ± 0.28	7.66 ± 3.430		
19d Blank implant	Below--	0.118 ± 0.01	0.21 ± 0.10		
Exp1: 7-day adult T-implant					
19d T/adult T-implant	5.47 ± 0.72 ^a	4.26 ± 0.23 ^b	3.68 ± 0.48 ^b		
19d 0/adult T-implant	5.16 ± 0.39	3.72 ± 0.12	3.76 ± 0.48		
Exp 2:					
Juvenile vs. Adult					
Blank-capsule				0.153± 0.03	
T-capsule				4.42 ± 0.67	4.45 ± 0.37

* indicates significant difference in mean T levels between blank and T-treated males within the same group and treatment period. A shared letter indicates no difference in overall mean T levels between groups. Experiment 1 had both a 19d organizational treatment period (T or blank capsules), and a 7d T-treatment prior to adult behavior testing. Immediately following the 19d organizational treatment period, T capsules yielded significantly higher plasma T levels than blank capsules, but no significant differences in plasma T levels were found between pre-, mid, and post-adolescent organizational treatments, suggesting that all groups received similar organizational T treatments. Following the 7d treatment period in adulthood, males receiving pre-adolescent organizational treatments (blank and T) had slightly, but significantly higher plasma T levels. The narrow range of plasma T values observed here are all within normal physiological range, and are not likely to cause behavioral differences between groups. For Exp. 2, T capsules yielded significantly higher plasma T levels than blank capsules, but no significant differences in plasma T levels were found between T-treated juvenile males and adult control males, suggesting plasma T levels were equivalent at the time of behavior testing and brain collection.