



Fig. S1. Growth trajectory (snout-vent length increment) of each experimental animal during the whole experiment. Experimental group abbreviations: E₂ OVX, ovariectomized females treated with estradiol; Sham, sham-operated reproducing females; 1/2 OVX, unilaterally ovariectomized reproducing females; Early OVX, early ovariectomized females; OVX, ovariectomized females; T OVX, ovariectomized females treated with testosterone; DHT OVX, ovariectomized females treated with dihydrotestosterone; Males, Intact males.

Table S1. Summary statistic for snout-vent length and body mass in all treatment groups at the time of hatching.

Treatment group	N	Snout-vent length (mm)	Body mass (g)
		Median, quartile range	Mean, 95% confidence interval
E ₂ OVX females	12	31.75, 31.34 - 32.46	0.79, 0.72 - 0.87
Sham females	12	32.46, 31.18 - 33.31	0.77, 0.70 - 0.84
1/2 OVX females	10	31.96, 31.19 - 33.50	0.77, 0.66 - 0.88
Early OVX females	10	32.76, 31.12 - 33.42	0.84, 0.74 - 0.94
OVX females	11	33.01, 32.46 - 33.53	0.86, 0.81 - 0.90
T OVX females	12	32.21, 31.86 - 33.13	0.77, 0.71 - 0.83
DHT OVX females	12	32.61, 31.92 - 33.13	0.80, 0.73 - 0.88
Intact males	6	33.26, 31.51 - 34.43	0.81, 0.67 - 0.94

Experimental group abbreviations:

E ₂ OVX females	ovariectomized females treated with estradiol
Sham females	sham-operated reproducing females
1/2 OVX females	unilaterally ovariectomized reproducing females
Early OVX females	early ovariectomized females
OVX females	ovariectomized females
T OVX females	ovariectomized females treated with testosterone
DHT OVX females	ovariectomized females treated with dihydrotestosterone

Table S2. Summary statistic for age, snout-vent length and body mass of female treatment groups at the time of surgery.

Treatment group	N	Age (days) Median, quartile range	Snout-vent length (mm) Median, quartile range	Body mass (g) Median, quartile range
E ₂ OVX females	12	106, 98 - 115	62.39, 61.47 - 63.62	5.33, 5.19 - 5.46
Sham females	12	108, 103 - 115	63.10, 62.26 - 64.16	5.33, 5.29 - 5.47
1/2 OVX females	10	108, 96 - 115	62.55, 61.50 - 63.24	5.38, 5.14 - 5.46
Early OVX females	10	78, 76 - 90	55.30, 54.65 - 56.02	3.45, 3.25 - 3.59
OVX females	11	100, 98 - 110	63.04, 61.37 - 63.7	5.43, 5.17 - 5.52
T OVX females	12	105, 94 - 109	62.71, 62.14 - 63.99	5.47, 5.33 - 5.55
DHT OVX females	12	102, 93 - 107	64.09, 62.79 - 64.26	5.34, 5.17 - 5.53

Experimental group abbreviations:

E ₂ OVX females	ovariectomized females treated with estradiol
Sham females	sham-operated reproducing females
1/2 OVX females	unilaterally ovariectomized reproducing females
Early OVX females	early ovariectomized females
OVX females	ovariectomized females
T OVX females	ovariectomized females treated with testosterone
DHT OVX females	ovariectomized females treated with dihydrotestosterone