

Table S1

Primers used for quantitative real-time PCR

Gene	Primers (5'-3')	Size (bp)	TM (°C)
$\beta$ -actin	F: GGATCAGCAAGCAGGAGTA R: GAAAGCCATGCCAGTGAT	117	54.0
Dmrt1	F:TAAGCAAGCCTCGCAAACCT R:ACTGACATTCCCGCCACATA	150	60.3
3 $\beta$ -HSD	F:GTATCACCGACGCCATCCAATCAC R:CACCTGCTGACCATCCTGAACAC	133	65.0
CYP26B1	F:CCTCCTCCTCCTCCTCCTC R:AGCACCGACACCAAGATCAAAGC	92	64.0

F, forward primer; R, reverse primer. *Dmrt1*, doublesex and mab-3 related transcription factor 1; 3 $\beta$ -HSD, 3-beta-hydroxysteroid dehydrogenase; CYP26B1, cytochrome P450 26B1.