

Transcription Factor *CcFoxO* Mediated the Transition from Summer Form to Winter Form in *Cacopsylla chinensis*

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Table S1. List of primers used in this study.

Gene name and GenBank ID	Forward Primer (5'-3')	Reverse Primer (5'-3')	Product size (bp)
<i>CcFoxO</i> (PP931994)	Full-F: ATGGATCAACTCGTTTTCAA	Full-R: TTAGTGAACCCAGGATTGTC	1296
	qF: CAAGTTCTCAGCACACTCAA	qR: GGTCTCCCTCTAACGAGATT	127
	RNAi-F: ggatcctaatacgactcactatagg	RNAi-F: ggatcctaatacgactcactatagg	351
	TCTGATCTGGACGTAGACTT	CCGGAGATGAAGTAATAGCC	
<i>CcTRPM [18]</i> (OQ658558)	qF: ACAATGCATTCTTCTTGACC	qR: GACTTTGTACACTGGGGGTA	141
	RNAi-F: ggatcctaatacgactcactatagg	RNAi-F: ggatcctaatacgactcactatagg	472
	GGTACCTTCGTATCCTCAAC	TGGCATTGATCTCCATGAAA	
<i>EGFP</i> (ACY56286)	RNAi-F: ggatcctaatacgactcactatagg	RNAi-F: ggatcctaatacgactcactatagg	596
	ACTCCAGCAGGACCATGTGATC	CCTGAAGTTCATCTGCACCAC	
<i>Ccβ-actin</i> (OQ658571)	qF: CGTATGCAGAAGGAAATCAC	qR: AGATCCACATCTGTTGGAAG	139

Note: The T7 promoter sequences in the primers of dsRNA synthesis are shown in lowercase fashion.

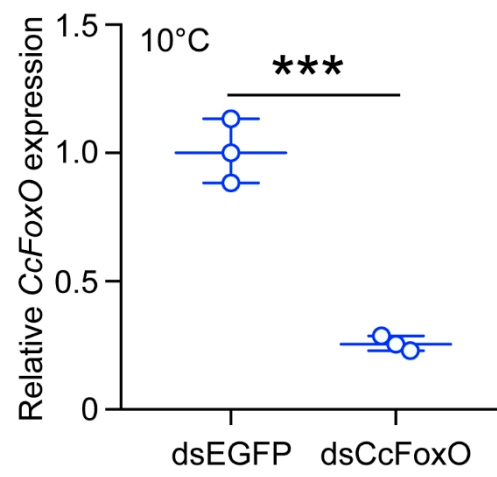


Figure S1. RNAi efficiency of *CcFoxO*. The mRNA expression of *CcFoxO* in SF 1st instar nymphs treated with dsEGPF and dsCcFoxO at 15 days under 10 °C(n=3). Data are presented as mean ± SD. Each circle represents a set of repetitions. Statistically significant differences were determined with the pair-wise Student's *t*-test, and significance levels were denoted by *** ($p<0.001$).

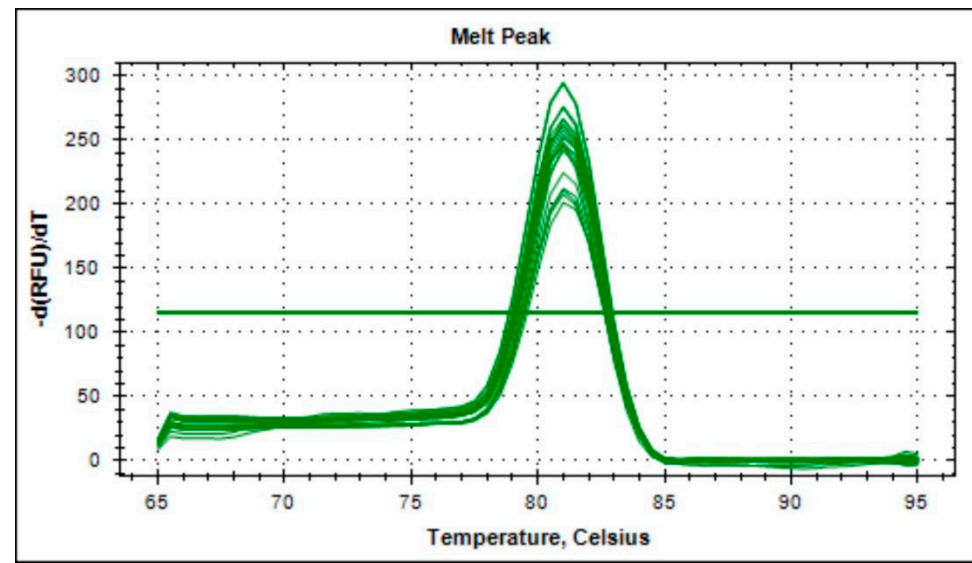


Figure S2. The melting curves for qRT-PCR primers of *CcFoxO*.