

Gene	PrimerID	Sequence (5' to 3')	Product length (bp)	Primer efficiency (%)
BomBc1	BomBc1_p4_fw	CCGGATTGGACCATCGAGAG	111	91
	BomBc1_p4_rv	GAAAACGTGGTCGTTCGGTG		
Indy	Indy_p7_fw	GGGGAAGTCCATCTGTTCGG	83	104
	Indy_p7_rv	TCATCGGAAGTCCACCAAT		
CG8850	CG8850_p6_fw	CCCAGATAATCCAGCCAGCC	98	99
	CG8850_p6_rv	CCTGGTCTCGTCTACATGC		
CG16772	CG16772_p18_fw	CCCACTTCCAAAGATGCGGA	86	100
	CG16772_p18_rv	TAGGGCGAGTACGGTGATCT		
BomBc3	BomBc3_p5_fw	ATCCCCTGGCGATGGTAATG	83	94
	BomBc3_p5_rv	CACCCCTCCGGTAAATGGTG		
FBgn0196692	0196692_p15_fw	TGAGTTCCTCCAGCCGATTG	113	102
	0196692_p15_rv	AGGCCAGCTCGAGATCAT		
Mtk	Mtk_p1_fw	CGATTTTTCTGGCCCTGCTG	84	100
	Mtk_p1_rv	CGAAAATGGGTCCCTGGTGA		
edin	edin_p10_fw	AGGCCAGTGTTCAGTACAACC	120	95
	edin_p10_rv	TGCCGCCTTCGTAGTTGTT		
TotX	TotX_p8_fw	GATGGTGTACCACCTCAAGGA	117	94
	TotX_p8_rv	GGATTGCCCTTCCTCCCTTT		
BomS1	BomS1_p2_fw	TTCCACTGTGCCCCGATCC	76	99
	BomS1_p2_rv	TACTTGCCACCGTGGACATTG		
CecA1	Dsim_CecA1_p1_fw	TCTTCGTTTTTCGTCGCTCTCA	70	100
	Dsim_CecA1_p1_rv	ATTTTCTTCAGCCAGCCAGC		
CecC	Dsim_CecC_p5_fw	CGCATTGGCCAGCACAC	70	96
	Dsim_CecC_p5_rv	CCACATTGGCGGCCTGTT		
GD19384	GD19384_p3_fw	CGCCCTTTCATCTGGTCTCA	99	97
	GD19384_p3_rv	CGAACCTCCTTGGACGACAA		

**Table S1. Primer sequences used for both quantitative PCR and amplicon sequencing.**