

	Min	Opt	Max
Primer Size	18	20	22
Primer Tm	57	60	63
Primer GC%	40	50	60
Product Size	150	200	250

Figure S1 The design strategy of Primer3Plus

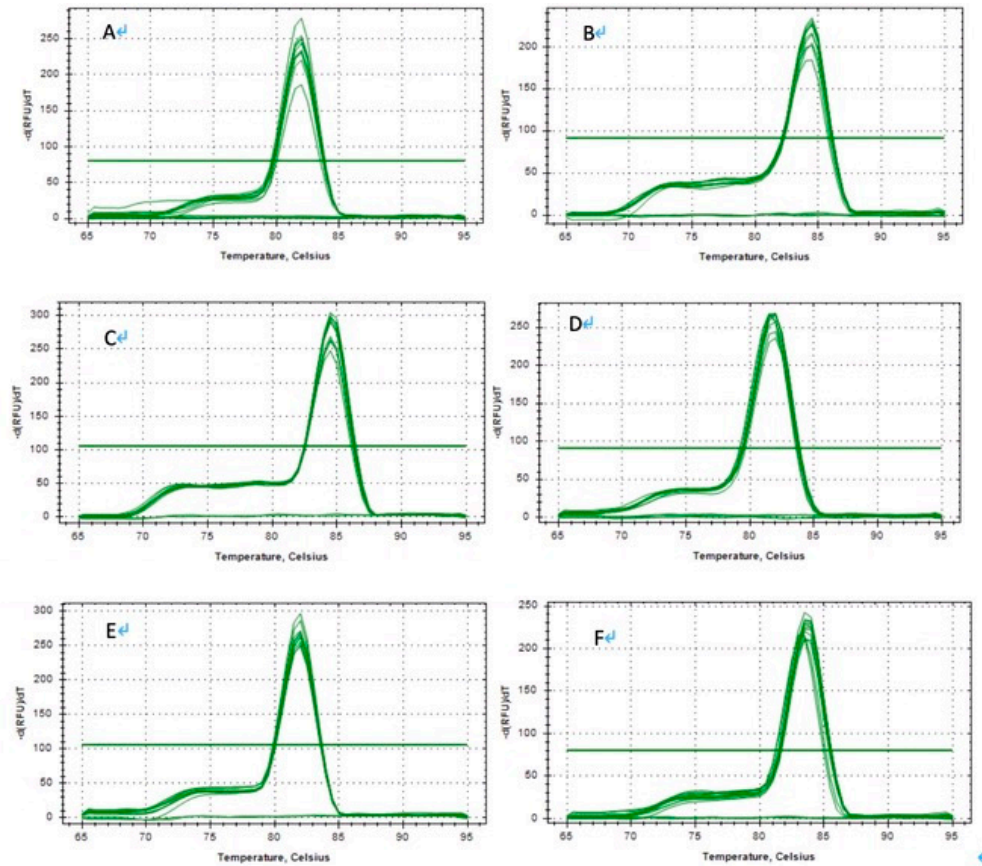


Figure S2 Specificity of real-time qRT-PCR amplification in *Dendroctonus valens*. Melting curves of six genes [*ACT* (A) , *SDHA* (B) , *18S rRNA* (C) , *RPS18* (D) , *CYP4G55* (E) and *TUB* (F)] reveal single peaks.