

Table S2 Primers used for gene disruption and complementation of *BbSAY1* in *B. bassiana*

Primer name	Sequence (5'–3') ^a	Purpose of use
PL1	TCAAACCCGGGGATATCATGGCAACCTCAACCCGAA	Amplifying <i>BbSAY1</i>
PL2	CTTGCTCACCATGTAACTTTCTGCAATTCAATCAG	
P ₁	TGGGCCCCGGCGCGCCGAATTCCAGGATGCTGTGCCAGATAG	Obtaining upstream flanking sequence
P ₂	TGGCTGCAGGTCGACGGATCCCTATTTACGAACGCCTCCTG	
P ₃	GACCCATGGCTCGAGTCTAGACACGGAGCCCAAGGACAT	Obtaining downstream flanking sequence
P ₄	GGTGGTGGTGGCTAGCGTTAACCGATCTTCCGCTCCGACT	
P ₅	TCCGACTGTTGATTGTGCTG	Confirming the candidate transformants
P ₆	CATTCTTGTGCCCCACCC	
P ₇	ATCCGTCGACCTGCAGCCAAGCTTCGCTCCTCGAGATTCTGG	Amplifying <i>Lip1</i> for complementation
P ₈	ACACTAGAAGATCTGACTAGTGTGCTTGCCATCATCAATAAAC	
P ₉	GGGTGGGCAACAAGAATG	Probe preparing in Southern blot
P ₁₀	GAGTCGCCGCCGAG	