

Table S1. Primers used in this study

Primer	Sequence (5'-3')
Primers for mutant construction	
sigE-5F	CGGAGCTCTGCCTTAAACTCAGTCCGTA
sigE-5R	ACGGATCCTTTCCTTGAGGGATTCATGC
sigE-3F	TAGGATCCGTTCAACTTATCCCGCGAAC
sigE-3R	ATCTCGAGTCACGCTCGACAGCTATTTG
Primers for qRT-PCR	
RTrn16SF2	GCAAGTCGAACGGTCTCTTC
RTrn16SR2	GGTATTAGCCACCGTTTCCA
RTglgP1-F	TTTCGTCGCTTAGACCCAGA
RTglgP2-R	ATTGACGGTTAGCACGATCC
RTxfp-F	TGCTCTTGTTTCATGCCTTTG
RTxfp-R	GGGTTGAGGAACTTGTTGGA
RTgap1-F	CCGAAGGGTTAATGACCACA
RTgap1-R	GCGGAAAGCCATAACCAGTTA
RTpyk1-F	GGCAAATCAGTGCTGACAGA
RTpyk1-R	TGGTGGTAAAGTTCCCAAGC
RTtalB-F	GACCACCAATCCCTCTCTGA
RTtalB-R	AAGCGAGGGAGACAATTTGA
RTsigE-F	TGGCACGTTATCCACTGCTA
RTsigE-R	GTCGGATGTTGCCCTATTTG
Primers for RACE-PCR	
1272R	GCACGATCCAACCTGTGCCAGGAAGC
Primers for gel mobility shift assay	
P1272-F	CCTTCCCTCGGTACATGAAA
P1272-R	AATCGGCTGCATAGGTTAGC
T7promoter	TAATACGACTCACTATAGGG
P1272D2-F	TTCCTTAATGGCAATTTTACAAACAT
P1272D2-R	ATTGCCATTAAGGAATGGAAATCTT
PhetRD-F	AATGGCTTGCAAACCTTGATTTTCC
PhetRD-R	GGTTTGCAAGCCATTATGACTACTG
PsigE-F	ACAGAGCTCAGGTTGAGGGGGTTAACAGA
P2806-F	TGCTAATAAGGTTTTGCCTGGT
P2806-R	CGCTTTGGAAATTACGTGTG