

Table S1. Primers used in this study

Primer	Sequence (5'→3')	Description
AbaA-5F	AACCTCACTGTTTGTGCGGAACTTA	Forward and reverse primers for amplification of the 5'-flanking region of <i>abaA</i> with a tail for geneticin resistance gene cassette fusion
AbaA-5R	gcacaggtacacttgtagagGTCAAGTCAGGTAAGGACGCTGTCAT	
AbaA-3F	cctcaatatcatctctgtcgTAACGCAGAGTGTGACACTGGCC	Forward and reverse primers for amplification of the 3'-flanking region of <i>abaA</i> with a tail for geneticin resistance gene cassette fusion
AbaA-3R	GTCGTCATCTCATGGTTTTTATCGC	
AbaA-5N	CGAAGAAACCAGGGCAGACACTTA	Forward and reverse nest primers for third fusion PCR for amplification of the <i>abaA</i> deletion construct
AbaA-3N	TTGATCAAGCGCCCTAAATAACTCC	
Gen-for	CGACAGAAGATGATATTGAAGG	Forward and reverse primers for amplification of the geneticin cassette from the pII99 vector
Gen-rev	CTCTAAACAAGTGACCTGTG	
pPRN3-N-For	GTCGAAAATTCAAGACAAGG	For RACE-PCR
pPRN3-N-Rev	AAGCGTGACATAACTAATTAC	For RACE-PCR
AbaA-RACE-1	AGTACCGCAACCGACAAGCACA	For RACE-PCR and sequencing of <i>abaA</i>
AbaA-RACE-2	TGCTGCTGTCATTGTTGGTGGTAT	
AbaA-RACE-3	GTCTCTTCTCCGAGGTCAAGTTCAG	
AbaA-RACE-4	GATTGAAGGAGTAGGAGACATGATGGAG	
AbaA-RACE-5	ACACAATCACAATGGGCACAAATG	
AbaA-RACE-6	TTCTGGCGATTCAACACAATAACC	
AbaA-RACE-7	CAACACAGATTGTGAAGATGTATTTCGCTA	
AbaA-RACE-8	TTACACACTTCCAGCGGTGGCTT	
AbaA-RT-For	ACTCAGGAAGCTTTGACCACGGC	For real-time PCR of <i>abaA</i>
AbaA-RT-Rev	GGGCTCTGGTAGGGGTTGACAGTA	
WetA-RT-For	GTTCCAGGTACTCCCCTGCCAT	For real-time PCR of <i>wetA</i>
WetA-RT-Rev	ACGTTCTCGTCGCGCTTTGGT	
GzCyp1-RT-for	TCAAGCTCAAGCACACCAAGAAGG	For real-time PCR of <i>Gzcyp1</i>

GzCyp1-RT-rev	GGTCCGCCGCTCCAGTCT	
AbaA-5R OE	gatagtggaaccgacgccccGAATTCAAGACGTGGAATGGTGGG	Reverse primer for amplification of the 5'-flanking region of <i>abaA</i> with a tail for <i>eflA</i> promoter replacement
AbaA-3F OE	tatcacaaaaggaaccaatcttcaaagACAAACCGTCGCCATGTCTTCA	Forward and reverse primers for amplification of the 3'-flanking region of <i>abaA</i> with a tail for
AbaA-3R OE	CCTGAGTACGACCCTTGTAGACC	<i>eflA</i> promoter replacement
AbaA-3N OE	GTAAGTCCATTGTTTGTGCAGTG	Reverse nest primer for amplification of the <i>AbaA</i> promoter replacement with the <i>eflA</i> promoter
Neo-For new	GGGGCGTCGGTTTCCACTATC	
EF Pro-Rev new	CTTTGAAGATTGGGTTCTTTTGTGATA	Forward and reverse primers for amplification of <i>gen-P_{eflA}</i> from the pSKGEN vector
Neo-For 5N	GGCGAGTACTGCCAGCAGTAGACAC	Forward nest primer for amplification of the <i>abaA</i> promoter replacement with the <i>eflA</i> promoter
AbaA-5R AnabaA	aattccaaagacgagatattgagGGGAGCTGGAAGGCTGGC	
AnAbaA-For	CTCAATATCTCGTCTTTGGAATT	
AnabaA-Rev hyg	tgagacaaatgggttcaggatctcTTATGAATTAAGAGGTTCTCCCCTG	Primers used for interspecies complementation using <i>A. nidulans</i> AbaA
pBCATPH-comp-3 R	GAGATCCTGAACACCATTTGTCTCA	