

Table S2. Oligonucleotides used in this study

Primer	Sequence 5' - 3'	Restriction site	Position of annealing ^(c)
X₂	gaatccGCCTTTATCGTTAGGAT ^(a)	EcoRI	-891/-874 (<i>cotH</i>)
H₁₉	ggatccCCATAATCCTCCTTACAAATT ^(a)	BamH1	-142/-121 (<i>cotG</i>)
Gsoe-1:	<u>GGTGGTGCGGTTTTCGTTTTTTTTCCATGAGGCTCTTGG</u> ^(b)		+77/+102 (<i>cotG</i>)
Gsoe-2:	catggaaaaaacgcAAACCGCACCACCACTGCG ^(b)		+480/+499 (<i>cotG</i>)
Gsoe-3:	<u>CAATGAAAACCTTAGATTAGCGTTTTTTTTCCATGAGGCTCTTGG</u> ^(b)		+77/+102 (<i>cotG</i>)
Gsoe-4:	tcatggaaaaaacgcTAATCTAAGTTTTTCATTGTTTCAAT ^(b)		+585/610 (<i>cotG</i>)
Gsoe-5:	<u>GTGGTGGTGCGGTTTCAATTTGAAATCCTCTTTTAAAAATATG</u> ^(b)		-26/+3 (<i>cotG</i>)
Gsoe-6:	ggaggatttcaaattgAAACCGCACCACCACTGCGACGAC ^(b)		+480/504 (<i>cotG</i>)
H1-lich	GTATGACACTGCGACAGG		+126/+144 (<i>cotH</i>)
H2-lich	TGATGATGAGTGCCACTGCC		-5/+15 (<i>cotH</i>)
H3-lich	GGCTCACCATGCAGCAAGCC		-699/-680 (<i>cotH</i>)
H1-cereus	CGGCTTGTA AACATAACATG		+171/+192 (<i>cotH</i>)
H2-cereus	GAAGAGAACTGAGAAGGGATG		-27/-7 (<i>cotH</i>)
H3-cereus	GTATGAAAACCTAGCAATTGC		-733/-712 (<i>cotH</i>)

^a Capital and lowercase letters indicate bases of DNA and of an unpaired tail carrying a restriction site, respectively.

^(b) lowercase letters in Gsoe2, Gsoe4, Gsoe6 indicate the sequences complementary to the 5' region (underlined) of oligonucleotides Gsoe1, Gsoe3, Gsoe5, respectively

^c Considering as +1 the first base of the first codon in *cotH* or *cotG* as indicated in brackets.