

Table S2 List of primers used in this study

Name	Gene	Sequence (5'-3') ¹	Primer use
RC6-1	<i>rhaR</i> /AN5673	aaaataagaatcgccgcGAGGAGTTCAGTGAGTCCACC	5'UTR amplification, forward
RC6-2	<i>rhaR</i> /AN5673	gggggaatTCCAACGAACAAGCTCCGTCC	5'UTR amplification, reverse
RC6-3	<i>rhaR</i> /AN5673	aaggggaattcACGCCCTTTGAACGATGGAATG	3'UTR amplification, forward
RC6-4	<i>rhaR</i> /AN5673	aaccgctcgaGTGCTTGTCTTTGACTTGTC	3'UTR amplification, reverse
pBS_dir	pBS_UTR/RhaR	GTAAACGACGGCCAGT	Sequencing of UTRs <i>rhaR</i>
pBS_rev	pBS_UTR/RhaR	CAGGAAACAGCTATGAC	Sequencing of UTRs <i>rhaR</i>
Ins1cen1	<i>rhaR</i> /AN5673	TAACGGAGATGACAGCGATG	Sequencing of UTRs <i>rhaR</i>
Ins1cen2	<i>rhaR</i> /AN5673	TCGAGTCTTCATAGTCACGAG	Sequencing of UTRs <i>rhaR</i>
Ins1cen3	<i>rhaR</i> /AN5673	GGTCTCCTCAAGAATATCGAG	Sequencing of UTRs <i>rhaR</i>
R0	<i>rhaR</i> /AN5673	CGACGCGTGAGGCACAACAGG	Verification of <i>rhaR</i> deletion
R1	<i>rhaR</i> /AN5673	AGACGCCAGTCAGATACCAGG	Verification of <i>rhaR</i> disruption
R2	<i>rhaR</i> /AN5673	AGCCTGTCACTACTAGTCC	Verification of <i>rhaR</i> disruption
R3	<i>rhaR</i> /AN5673	GTGCTAAGCTTCTCGATGG	Verification of <i>rhaR</i> disruption; RT-PCR
R5	<i>rhaR</i> /AN5673	TAGGGTATTAGGGAGGAAGGG	Verification of <i>rhaR</i> disruption
B1	Afu1g13300	CTGGAGGAGTGAAGGATGGGG	Verification of <i>rhaR</i> disruption
B2	Afu1g13300	AGAGTTCCGAGGTGGAAGGG	Verification of <i>rhaR</i> disruption
N0	<i>riboB</i> /AN0670	GGCCTGTAAACCATGCTTGG	Verification of <i>riboB2::AfrifoB</i> strains
N1	<i>riboB</i> /AN0670	TCGCTGTGTATGTACAAGGGG	Verification of <i>riboB2::AfrifoB</i> strains
N2	<i>riboB</i> /AN0670	CATTCTATTGCTGTCCGAGCCC	Verification of <i>riboB2::AfrifoB</i> strains
N3	<i>riboB</i> /AN0670	TCTCTCTGATTGCCGTTG	Verification of <i>riboB2::AfrifoB</i> strains
F1	Afu1g13300	GTGCGATTACATGAAGGTTCC	Verification of <i>riboB2::AfrifoB</i> strains
F2	Afu1g13300	GAGCTGCTTCAACAGACCC	Verification of <i>riboB2::AfrifoB</i> strains
F3	Afu1g13300	ACTTCTTGCATCCGCAGGG	Verification of <i>riboB2::AfrifoB</i> strains
F4	Afu1g13300	ATCCCTTTTCGGTTAGTAACCT	Verification of <i>riboB2::AfrifoB</i> strains
RC6-7	<i>rhaR</i> /AN5673	GACGAGAAGTGAAGCAGACC	<i>ΔrhaR</i> complementation, forward
RC6-8	<i>rhaR</i> /AN5673	TGACTTCACCTGGTACCTCC	<i>ΔrhaR</i> complementation, reverse
RC6-seq1	<i>rhaR</i> /AN5673	GCTTGTTCTGTTGAGACTC	Sequencing of <i>rhaR</i>
RC6-seq2	<i>rhaR</i> /AN5673	TGGTGTTCTGTTATATGTGG	Sequencing of <i>rhaR</i>
RC6-seq3	<i>rhaR</i> /AN5673	AGCCTGTCACTACTAGTCC	Sequencing of <i>rhaR</i>
RC6-seq4	<i>rhaR</i> /AN5673	GTGGTTCAATTGGGTCTGG	Sequencing of <i>rhaR</i>
RC6-seq5	<i>rhaR</i> /AN5673	ACCTACGAAAACGCCTCTC	Sequencing of <i>rhaR</i> ; RT-PCR
RC6-seq6	<i>rhaR</i> /AN5673	GTCACGAATATTGGCGTCC	Sequencing of <i>rhaR</i>
Anid-ribo1	<i>riboB</i> /AN0670	CATTCTATTGCTGTCCGAGCCC	Amplification and sequencing of <i>riboB</i>
Anid-ribo2	<i>riboB</i> /AN0670	TCGCTGTGTATGTACAAGGGG	Amplification and sequencing of <i>riboB</i>
nkuA-dir	<i>nkuA</i> /AN7753	TCAGCCGGAGAAACGCGTCTCCC	Forward primer to amplify <i>nkuA</i>
nkuA-rev	<i>nkuA</i> /AN7753	CCAGAACCTCTGCGCTGAGGGG	Reverse primer to amplify <i>nkuA</i>
RC6_SODir	<i>rhaR</i> /AN5673	GAGGATCAAAGTACGAGACCC	Southern probe
RC6_SOrev	Afu1g13300	GTGTCTATGCTGCTGATCTGG	Southern probe
Actin2	<i>actA</i> /AN6542	GTACAGATCCTTACGGA	RT-PCR forward
Actin3	<i>actA</i> /AN6542	TGTGCAAGGCCGGTTTC	RT-PCR reverse
<i>rhaA35</i> intron	<i>rhaA</i> /AN10277	CAGGCTGGAATAACAACGCC	RT-PCR forward
<i>rhaA</i> _rev	<i>rhaA</i> /AN10277	TGGAGGTGCAGTTGAGAGG	RT-PCR reverse
<i>rha122</i> _dir2	<i>rhaE</i> /AN7151	CTCTATAGCCACCGCTGATGG	RT-PCR forward
<i>rha122</i> _rev2	<i>rhaE</i> /AN7151	TGGAGCTTGTTCAGAAGAGGG	RT-PCR reverse
man_dir	<i>lraC</i> /AN5672	AGTTCTCGTCACAATGGCT	RT-PCR forward
man_cen	<i>lraC</i> /AN5672	TGAGGAGACCTTCAACACC	RT-PCR reverse
GST:RhaR_Sma	<i>rhaR</i> /AN5673	AAATCCCCCGGGAATGCCGAACGCTGCTATCGCAG	cDNA amplification, forward
GST:RhaR_RI	<i>rhaR</i> /AN5673	AACCGGAATTCCATGTGCTGCAGAAGGCTCTGAG	cDNA amplification, reverse
pGEXseq1	pGEX-2T_ <i>rhaR</i> cDNA	GGTGATCATGTAACCCATCCT	Sequencing of <i>rhaR</i>
pQE80_FOR	pQE80L_ <i>rhaR</i> cDNA	CCCGAAAAGTGCCACCTG	Sequencing of <i>rhaR</i>
pQE80_REV	pQE80L_ <i>rhaR</i> cDNA	GTTCTGAGTCATTACTGG	Sequencing of <i>rhaR</i>
^{wt} <i>rhaA</i> -dir1	<i>rhaA</i> /AN10277	CTAGCATTACTTCCTTGGGAC	EMSAs
^{wt} <i>rhaA</i> -rev1	<i>rhaA</i> /AN10277	TAGAGTTGTTGGATGGCTGGG	EMSAs
^{wt} <i>rhaA</i> R1-dir	<i>rhaA</i> /AN10277	AGATCTTCTCGGGGAAGATCGACCGACCTGGTCC	EMSAs
^{wt} <i>rhaA</i> R1-rev	<i>rhaA</i> /AN10277	GGACCAGGTCGGTTCGATCTTCCCCGAGAAGATCT	EMSAs
^{mut1 mut2} <i>rhaA</i> R1-dir	<i>rhaA</i> /AN10277	AGATCTTCTCGGGGAAGATCGACAGACCTGGTCC	EMSAs
^{mut1 mut2} <i>rhaA</i> R1-rev	<i>rhaA</i> /AN10277	GGACCAGGTCGTGCTGATCTTCCCCAGAGAAGATCT	EMSAs
^{mut1} <i>rhaA</i> R1-dir	<i>rhaA</i> /AN10277	AGATCTTCTCTGGGGAAGATCGACCGACCTGGTCC	EMSAs
^{mut2} <i>rhaA</i> R1-dir	<i>rhaA</i> /AN10277	AGATCTTCTCGGGGAAGATCGACAGACCTGGTCC	EMSAs
XS22	<i>xlnA</i> /AN3613	ATACTCGAGGTACCATAGGATCCTGGAAGTGCG	EMSAs
XN22	<i>xlnA</i> /AN3613	GGAATGCATTGTGCTGATCC	EMSAs

¹Underlined nucleotides are restriction sites added. Capital letters indicate the nucleotides complementary to the gene (gDNA, cDNA, plasmids). Bold letters correspond to the point mutations introduced