

Supplemental Table 1. Primers utilized in these studies.

Primer	Sequence (5'→3') ^a
<i>psrA</i> Mutation	
<i>psrA</i> Up1	AAA <u>ACTGCAGCT</u> GAATATCACCCCGTCGAACTTCAGC
<i>psrA</i> Up2	CTCGATGCGGGCGCAACTGCTGTTCAACAAGACGCCCGCCAAGGCCTGA
<i>psrA</i> Down1	TCAGGCCTTGCGGGCGCTTTGTTGAACAGCTGTTCCGCCGCATCGAG
<i>psrA</i> Down2	AAA <u>ACTGCAGCT</u> GTTCGATGACATCGTCGAGCAAGGGT
PA0506 Mutation	
0506 Up1	AAAAAAAGCTTGCTGTATCAACCATGCGCTG
0506 Up2	CTCCATCAGGTTGTTGGCCAGCAGCTCGTCGCGAAC
0506 Down1	GTTTCGCGACGAGCTGCTGGCCAACAACCTGATGGAG
0506 Down2	AAAAAAAGCTTGCCAGCACCAGGTGGACGAT
PA0507 Mutation	
0507 Up1	AAAAAAAGCTTATCATCGTGCATCCTGACG
0507 Up2	CTTGGCTTCGTAGAACGCGTCCGGGGTCGCGTCGCT
0507 Down1	AGCGACGCGACCCCGGACGCGTTCTACGAAGCCAAG
0507 Down2	AAAAAAAGCTTGGTGATGAAGATCTTGGT
PA0508 Mutation	
0508 Up1	AAAAAAAGCTTTACTTCACCGCCCAGTTGCTCG
0508 Up2	GGTGCGCGCCATCAATGCCTCGGCGTCGACCACTTC
0508 Down1	GAAGTGGTCGACGCCGAGGCATTGATGGCGCGCACC
0508 Down2	AAAAAAAGCTTGCCCTAACACGCGCAACCTGG
Gene Expression	
PsrA Up	AAAAGAGCTCTCAGGCCTTGGCGGG
PsrA Down	AAAACCATGGCCCAGTCGGAAACC
PA0506 Up	AAAAAGAGCTCATGCCTGATTACAAGG
PA0506 Down	AAAAAAAGCTTTCAGTAACCGAGGGCGAA
PA0507 EXPR F	AAAAGAGCTCATGCCGGAATACAAGGCT
PA0507 EXPR R	AAA <u>ACTGCAGCT</u> AGAGCGAAA <u>ACTGCTCCGCCGA</u>
PA0508 EXPR F	AAAAAGAGCTCATGGCTGATTACAAAGCTCCG
PA0508 EXPR R	AAA <u>ACTGCAGT</u> CAGAACTGCTCGGCGTCCAG
FadAB5 EXPR F	AAAAAAAGCTTTTAGATGCGCTCGAAGACGG
FadAB5 EXPR R	AAAAGAGCTCATGATTTACCAAGGTAAG
RT-PCR	
PA0505 RT-F	GTCATCGAGGTAGCCGACGAGA
PA0506 RT-R	TGCGCTTCGTAGCCCAGCAGCTCG
PA0506 RT-F	ATGCTGTCCGGCGCCAACAACCTGAT
PA0507 RT-R	GTCGAATACCTCATCGATCAGGA
PA0507 RT-F	GGCGGGCCTGATGAGCCTGTCGGCG
PA0508 RT-R	AGAGCCGGGAGACCTCGAACA
PA0505 RT-C-F	GGCACCAAGATCTTCATCTCCG

PA0506 RT-C-R	GAAGGTGAACATGCAGTTCAGGC
PA0506 RT-C-F	GAAGATATTCATCTCCGCCGGCGAG
PA0507 RT-C-R	GGCGTGGTTCATCATGGTGAACATG
PA0507 RT-C-F	GCGATGTTCCACCATGATGAACTACGAGCG
PA0508 RT-C-R	GTCTTCGCTGTACTTGGCGGTGTCCAG

EMSA

<i>psrA</i> promoter F	AAAAAAAAAGCTTCAGCTGTTCCGCCGCATCGA
<i>psrA</i> promoter R	AAAAACTCGAGGTCGTCGCTCTGTGTTTTTA
<i>kynA</i> promoter F	GAGTGAGGGCAAGGACACAT
<i>kynA</i> promoter R	CGCGAGTGATCCGAAATTCG
PA0506 EMSA F	GACCCTTCCTTTTCCGACTGTCA
PA0506 EMSA R	GAAACGGATATCACGCAA
PA0507 EMSA F	AGGTGAGAAAGAGCCCGCCCTT
PA0507 EMSA R	CTCATCGATCAGGAAGCGCATGTC
PA0508 EMSA F	GCTCAGCGGCTGCCGGGGCAG
PA0508 EMSA R	GACCTCGAACACCTCATTGAG

psrA sequencing

<i>psrA</i> seq F	ACGGGCCTCAGACAGCGCAC
<i>psrA</i> seq R	ACGGGCCTCAGACAGCGCAC

Quantitative Real Time-PCR

PqsA rt 1	GCCCTTTGCTCGACGATTTCTCG
PqsA rt 2	AACCCGAGGTGTATTGCAGGAAACA
LasR rt 1	CCTTCATCGTCGGCAACTA
LasR rt 2	GGACGGTTCCCAGAAAATC
PA0506 rt 1	CTTGCGTGATATCCGTTTC
PA0506 rt 2	CACCTGTTCGCAGAACTT
PA0507 rt 1	GATGAAGGGTCGAAATTCTG
PA0507 rt 2	GTGCATAGGCTTCCTTGAAA
PA0508 rt 1	GTCGAGGAACTGGTCAACTC
PA0508 rt 2	CAGGTA ^a CTTGTCTTCAGTTC
ClpX rt 1	CCTGTGCAATGACATCATCC
ClpX rt 2	AGGATGGTGCGGATCTCTTT
PqsH rt 1	ATGCCGTTGGCCGGCATCAA
PqsH rt 2	ACGATGGAGACCCCGACCCG
PqsR rt 1	ATTGCGCGGACCCTTGTTGA
PqsR rt 2	GGACGGCTACAAGGTCTGAAC

^aUnderlined sequence denotes restriction site utilized for cloning.