

Table S1: DNA primers used in this study for detection of genes by PCR

No	Oligo Name	Sequence 5' to 3'
1	<i>DesR</i> (F)	CGCCAGCCTGATGTATGTATTA
	<i>DesR</i> (R)	CTGAGTTCCTGAGCGATTTCTT
2	<i>SodA</i> (F)	CACTGCTCTTGCCAACAAATC
	<i>SodA</i> (R)	CCACTTCGTCCTCAGTTTACAA
3	<i>DesK</i> (F)	GCCTCCATTACTCTGTTTCAGTT
	<i>DesK</i> (R)	TGAGATATTCTCGGGCCATTTCT
4	<i>trxA</i> (F)	CAGACTTCTGGGCTCCTTG
	<i>trxA</i> (R)	TTGGTTTGAAGCCGACTGA
5	<i>Res D</i> (F)	GTAGTTGATGACGAAGCCAGAA
	<i>Res D</i> (R)	CGGTGAGCATCATGGTCTATT
6	<i>ohrR</i> (F)	CCGCTGCTTGATAAGCTGAATA
	<i>ohrR</i> (R)	CCCAGAATTGTCCCTGGAATG
7	<i>DegS</i> (F)	GAGGAAATCCGCAATGCTTATG
	<i>DegS</i> (R)	CCTTCAGTTCGAACCCCTTTAC
8	<i>ComA</i> (F)	ACAGTCCTCAGTTTAGCGTTTAT
	<i>ComA</i> (R)	AATCAGCGGCCACAAGAA
9	<i>dpsU20</i> (F)	GCAGTGAACAAACAAGTAGCC
	<i>dpsU20</i> (R)	TGGATCGCAAGAAGCATGT
10	<i>OpuAC</i> (F)	AGCGCAGAGGAAATCCATAC
	<i>OpuAC</i> (R)	CCCATCTTCACACCAGTCATAC
11	<i>KatA</i> (F)	ACCGTTGTTTCATCCGTTTCT
	<i>KatA</i> (R)	CGAAGCTGTTAGGCTCGTAAT
12	<i>PerR</i> (F)	CGCATTACTCCTCAACGTCAT
	<i>PerR</i> (R)	GCAGACGCCGTAATTTCTAAAC
13	<i>acds</i> (F)	ATGAACTSCARCGHTTY
	<i>acds</i> (R)	TYARCCGTYS CGRAARRT
14	<i>gdh</i> (F)	TCTACAGGTTTGGGAAAATCAATGGCG
	<i>gdh</i> (R)	TTATCCGCGTCTGCTTGGAAATGA
15	<i>pqqE</i> (F)	GARCTGACYTAYCGCTGYCC
	<i>pqqE</i> (R)	TSAGSAKRARSGCCTGR

Table 2. qPCR primers for expression analysis used in this study.

No	Oligo Name	Sequence 5' to 3'
1	<i>cspB</i> (F)	AGGTTTCGGATTCATCGAAGTAG
	<i>cspB</i> (R)	TAGTAACGTTAGCAGCTTGTGG
2	<i>cspC</i> (F)	GGAACAAGGTACAGTTAAATGGTTT
	<i>cspC</i> (R)	CTTGCTCAACGTCAAACGATAC
3	<i>cspD</i> (F)	TGAAGTTGAAGGCCGAGAC
	<i>cspD</i> (R)	ATTAGAAGCTTGAGGTCCACG
4	<i>comA</i> (F)	CTCACACCTAGAGAATGCCTG
	<i>comA</i> (R)	CTGTATTCAATGGACCGCTTG
5	<i>desK</i> (F)	GAGGATGCAAATGAACGGATTG
	<i>desK</i> (R)	TGCTTGTTCCGGATCTTTGTA
6	<i>desR</i> (F)	CCGGTTACTTTCAGAGAGCTATTA
	<i>desR</i> (R)	GAGGGTTAGCTTCGCTGTATAA
7	<i>ohrR</i> (F)	CGGGAGATGACAAAGCAATACA
	<i>ohrR</i> (R)	TTCGTTTAAAGCATCGGAGTGAG
8	<i>OpuAC</i> (F)	AGCGCAGAGGAAATCCATAC
	<i>OpuAC</i> (R)	GACGTA CT CAGCAGCAACTT
9	<i>ABARE</i> (F)	TTACACCGTGGAGCTTGAAG
	<i>ABARE</i> (R)	TTCACGTTCTCCTTGGACTG
10	<i>4-HNE</i> (F)	CAAGTACCACTTCGACCTGAG

	<i>4-HNE</i> (R)	CCTCTTGA ACTGGATGTCGATG
11	<i>P5CS</i> (F)	GATTCTCCGATGGTGCTCGT
	<i>P5CS</i> (R)	TTCAACACCCACAGGTCCAC
12	<i>ExpA1</i> (F)	TTGCTGATACAAGGAAGCTCTC
	<i>ExpA1</i> (R)	GTCGTAGAAGGTGGCATGG
13	<i>CKX2</i> (F)	CGGGATAGGGTACAAGGAGTA
	<i>CKX2</i> (R)	GTA CTTGTCCCTTCATCTCCACG
14	<i>ERF</i> (F)	TGCCCTTCGATCTGAACATG
	<i>ERF</i> (R)	TCCCACGAATCCTTGCTATTC
15	<i>ARF</i> (F)	AGATGTTCAGCACCTTCACC
	<i>ARF</i> (R)	CAGTCTCCATCCTTGTCTTCG
