

S9 Table. Sequences of PCR primers used in this study.

Primer name	Primer sequences (5'→3') ^a	Product size (bp)	Product /Purpose
Km_F	TCACTATAGGGCGAATTGGG	1,560	Kanamycin resistance cassette
Km_R	GTTGTGTGGAATTGTGAGCG		
Up lecM_F	CGACGAGAAGATCGAGGAAG	757	<i>lecM</i> up stream region
Up lecM_R	cccaattcgccctatagtga AAAGTCGCGTTGTCTGCAC		
Dn lecM_F	cgctcacaaattccacacaac GGTTTCCTTTGTCTGTCTCGG	684	<i>lecM</i> down stream region
Dn lecM_R	ACCAAGCCTCGTGACAGC		
Up aidA_F	TCGCCATAACGAACATTCAA	744	<i>aidA</i> up stream region
Up aidA_R	cccaattcgccctatagtga TCCGACAGACAAAGGAAACC		
Dn aidA_F	cgctcacaaattccacacaac GTGCTGTCACGAGGCTTG	652	<i>aidA</i> down stream region
Dn aidA_R	CCACCGGATTGATCTAGTGTC		
Up aidC_F	GGTTTCCTTTGTCTGTCTCGGA	684	<i>aidC</i> up stream region
Up aidC_R	cccaattcgccctatagtga ACCAAGCCTCGTGACAGC		
Dn aidC_F	cgctcacaaattccacacaac GGCGGACACTAGATCAATCC	795	<i>aidC</i> down stream region
Dn aidC_R	TCTCGATACGGAGCGATACC		
Up solI_F	CTCGTCGCGGATGGACACGG	682	<i>solI</i> up stream region
Up solI_R	cccaattcgccctatagtga TACAACGCACTGGCCGGAGG		
Dn solI_F	cgctcacaaattccacacaac TGGAAGGGGGCTCGTCCAGG	622	<i>solI</i> down stream region
Dn solI_R	AGTGCTCTTCGGCGTGAGCG		
ComWhole_F	CGACGAGAAGATCGAGGAAG	4,149	<i>lecM</i> – <i>solI</i>

			complementation
ComWhole_R	AACTACATCCAGGGTGCCTC		
Up lecM_F	CGACGAGAAGATCGAGGAAG	2, 534	<i>lecM-aidC</i>
			complementation
Com_aidC_R	GGACGGGCGAAGGCAAGACC		
LecM-F	GGAGACGCACTCTCTATGGC	325	<i>lecM</i> gene
LecM -R	CGTTGTAGTCGTTGTCGGTG		
AidA-F	GTTTCCATGTCCCGAATCAC	505	<i>aidA</i> gene
AidA-R	CGTTGCTGATGCTGATGAAC		
AidC-F	AAGATGTCCACTCCGCAATC	420	<i>aidC</i> gene
AidC-R	GAAGGCATCGGTCTGATGAT		
SolI-F	GCACTATCGGCATCAGGTCT	487	<i>soli</i> gene
SolI-R	GATATCGATCCAGCACGCC		
qLecM-F	CGTCGGACCTCGTATCGAA	60	<i>lecM</i> qPCR
qLecM -R	CCACCATGGCGAAGTTCAG		
qAidA-F	TGTCATGGTCAACGTCGATACC	65	<i>aidA</i> qPCR
qAidA-R	TGGCCATGCTGTTGTTCTTG		
qAidC-F	ATCGTCTTCCTATCCCGATACG	55	<i>aidC</i> qPCR
qAidC-R	AGCGTCACGGCATCGAA		
qSolI-F	CCCTATCTGCTGAAGGAAGTCTTT	72	<i>soli</i> qPCR
qSolI-R	CACCTCCGGCGATTTCG		
qSolR-F	AAGGCAAGACCGCCTACGA	55	<i>solR</i> qPCR
qSolR-R	ACCGTGCGCTCGGAGAT		
qCSP-F	TTCTCGGCATCCAGATGA	52	RRSL_03846 qPCR
qCSP-R	CGCGCTGGCCTTCCT		
qOxyR-F	GGGCAACGGCCACTGTT	55	qPCR control
qOxyR-R	TGAGAGCTCCGGACAGACATT		
qRplM -F	CCGCAAAGCCCCATGAG	54	qPCR control

qRplM -R	TGTCCGTCGCGTCAATCA		
qSerC -F	GGATGACGCGGCTTACGT	54	qPCR control
qSerC -R	TCAACGCCGACGATGGT		

^aNucleotide bases in lowercase were added to facilitate SOE-PCR (splicing by overlap extension).