

1 **Table S1.** Oligonucleotides and probes used in the present work.

Primer/Probe name	Sequence	Use in the present study
11085UPFw	ccccgcagtgaggatcttgcctcctgttcatt	Construction of the Δ 11085 strain
11085UPRv	ggggaattccccaagtgcaggtagctatgtt	Construction of the Δ 11085 strain
11085DOWNFw	ggggaattcccctaaccgtcaagtgctctgtt	Construction of the Δ 11085 strain
11085DOWNRv	gggggatccccctgaatatctaactcagcatc	Construction of the Δ 11085 strain
11085intUPFw	taaccgcaatttcacgcgta	Confirmation the deletion of the LH92_11085 (LH92_RS10920) gene
11085intDOWNRv	ttgcagcctaagtgaaatc	Confirmation the deletion of the LH92_11085 (LH92_RS10920) gene
11085Fw	taactgtctggacattacc	Confirmation the deletion of the LH92_11085 (LH92_RS10920) gene
11085Rv	ctactggtacgacagcta	Confirmation the deletion of the LH92_11085 (LH92_RS10920) gene

pMo130 site2 Fw	attcatgaccgtgctgac	Confirmation the construction of the Δ 11085 strain
pMo130 site2 Rv	cttgctgtaagcggatg	Confirmation the construction of the Δ 11085 strain
11085 <i>EcoRV</i> Fw	cccgatatcgggcaacaatttaagtataaaag	Cloning the LH92_11085 (LH92_RS10920) gene into the pWH1266 plasmid to complement the Δ 11085 strain
11085 <i>Bam</i> HIRv	gggggatcccccttttaagggtactatat	Cloning the LH92_11085 (LH92_RS10920) gene into the pWH1266 plasmid to complement the Δ 11085 strain
pWH1266Fw	taggcttggttatgccgta	Confirmation the complementation of the Δ 11085 strain
pWH1266Rv	aaggagctgactgggtgaa	Confirmation the complementation of the Δ 11085 strain
LH92_03275RTFw	acagaaacagctccaactgaaa	qRT-PCR
LH92_03275RTRv	acatttcagtaattgtcctaaaga	qRT-PCR
LH92_03275 Probe	ctctggct	qRT-PCR
LH92_03820RTFw	ttgcaattgataccgatgct	qRT-PCR

LH92_03820RTRv	ccccatcgtgacagctaaat	qRT-PCR
LH92_03820 Probe	tggtggaa	qRT-PCR
LH92_07655RTFw	gctttgactacaattctgatactcaa	qRT-PCR
LH92_07655RTRv	ccaactccgttcgctttagt	qRT-PCR
LH92_07655 Probe	gctgctga	qRT-PCR
LH92_07670RTFw	ctgaatattatgcaactggagca	qRT-PCR
LH92_07670RTRv	tcgtgtatttcactgtgacgtt	qRT-PCR
LH92_07670 Probe	cagcaggt	qRT-PCR
LH92_08970RTFw	agttctggattcaccacagttg	qRT-PCR
LH92_08970RTRv	cacttggtcgaacaacgaca	qRT-PCR
LH92_08970 Probe	tggctgtg	qRT-PCR
LH92_08985RTFw	ttgtagggattgcgaatgct	qRT-PCR
LH92_08985RTRv	cacaagttttgtctgtaactaaacct	qRT-PCR
LH92_08985 Probe	gctgctga	qRT-PCR
LH92_11070RTFw	ccacaggaggtgtaaccaatg	qRT-PCR
LH92_11070RTRv	ggcgctacctgtaccagttt	qRT-PCR
LH92_11070 Probe	aggtggag	qRT-PCR
LH92_11075RTFw	caccctcatagccaaccact	qRT-PCR
LH92_11075RTRv	taccggggtatagcgttcaa	qRT-PCR
LH92_11075 Probe	tgctgtcc	qRT-PCR
LH92_11080RTFw	aatcgcactctttattcactacgaa	qRT-PCR
LH92_11080RTRv	ccgcaaagttagtagcaaggtgt	qRT-PCR
LH92_11080 Probe	tgatgagc	qRT-PCR

LH92_11085RTFw	tgttacacaacaccctaattgga	qRT-PCR
LH92_11085RTRv	ggctggtaatgtagacgcagacc	qRT-PCR
LH92_11085 Probe	accaccag	qRT-PCR
LH92_16105RTFw	ccaaagcttagttggtgca	qRT-PCR
LH92_16105RTRv	aagctccgtcataccatga	qRT-PCR
LH92_16105 Probe	cagctccc	qRT-PCR
LH92_16175RTFw	gggggattgcctgactctac	qRT-PCR
LH92_16175RTRv	caagcccattgaattgagc	qRT-PCR
LH92_16175 Probe	ctccacca	qRT-PCR
A1S_2091RTFw	ggctggtaatgtagacgcaga	qRT-PCR
A1S_2091RTRv	tgttacacaacaccctaattgga	qRT-PCR
A1S_2091 Probe	accaccag	qRT-PCR
gyrBRTFw	tctctagtcaggaagtgggtacatt	qRT-PCR
gyrBRTRv	ggttatattcttcacggccaat	qRT-PCR
gyrB Probe	tggtgtg	qRT-PCR
LH92_11065-11070Fw	ccactttactgagcaaagg	Characterization of the operon
LH92_11065-11070Rv	ttcaggtggagtctcaaaaa	Characterization of the operon
LH92_11070-11075Fw	caagtaattgttctgaaag	Characterization of the operon
LH92_11070-11075Rv	tgttgtaggttatcgccaa	Characterization of the operon
LH92_11075-11080Fw	atcttgcttacggctact	Characterization of the operon
LH92_11075-11080Rv	gataatagcaaaaaaccac	Characterization of the operon
LH92_11080-11085Fw	ctgtaaatecggtaactttcat	Characterization of the operon
LH92_11080-11085Rv	ccatggactttatcatttga	Characterization of the operon

LH92_11085-11090Fw	accagtagctgaggtattc	Characterization of the operon
LH92_11085-11090Rv	agtatgctgagcgttaataa	Characterization of the operon
GyrBFw	taaacttggtgtagtcttt	Characterization of the operon
GyrBRv	gcacattcgtacattgttat	Characterization of the operon

2

3