

Table S1. Primers used for PCR ligation mutagenesis of *comS* and *comC*.

Name of the primer	Sequence
ComSP1	TTATGCTTCCTTTTTGAAACTCGCT
ComCP1	CAGCTATCAGCTGCGCTGTTAAAAGTC
ComSP2	GGCGCGCCATTGAAAACATCCTGTTATTCT
ComCP2	AGGGGCGCGCCAGTCTTAATTTCTTTAAA
ComSP3	GGCCGGCCTTGGAGCTTATAATAGACAGCC
ComCP3	GGCCGGCCTTTAACAGAAGTTTTACACAAG
ComSP4	CGCTATGTGAATTTGAAAAA
ComCP4	GCAGGATACCCGTTATAATATCGGCCATC
CATFor	AGGGGCGCGCGCCTTCAACTAAAGCACCCATT
CATRev	GGCCGGCCAAAAGTACAGTCGGCATTATCTCA
ERMFor	GGCGCGCCCCGGGCCAAAATTTGTTTGAT
ERMRev	GGCCGGCCAGTCGGCAGCGACTCATAGAAT

Table S2. Primers used for qRT-PCR

gene	primer name	primer sequence
<i>gyrA</i>	SMU.1114_F2	CACCGCTAAAAATGGTCCTCTC
<i>gyrA</i>	SMU.1114_R2	CGCATCACTTTGACACCCATAG
<i>comX</i>	SMU.1997_F	CTGTTTGTCAAGTGGCGGTA
<i>comX</i>	SMU.1997_R	GCATACTTTGCCTTCCCAA
<i>nlmC/cipB</i>	SMU.1914_F	TTGTGCAGCAGGTATTGCTC
<i>nlmC/cipB</i>	SMU.1914_R	AAGAGCTCCTCCGATTCTC
<i>comYA</i>	SMU.1987_F	TAGGGGGAGGAGGGATTATTG
<i>comYA</i>	SMU.1987_R	TCTGCTTGTGCTTCTCCTTCA
<i>comE</i>	SMU.1917_F	GGACGTCTTGAAACCACCAT
<i>comE</i>	SMU.1917_R	CCTTTTCAGGGATAGCGTCA
SMU.1904c	SMU.1904_F	AAACGGAAGTGTCTGCATCTG
SMU.1904c	SMU.1904_R	TCACTGCGTTCGCTCTTATTC
SMU.1910c	SMU.1910_F	AAAAGAAAAGTAGCGGTTGCTG
SMU.1910c	SMU.1910_R	ATCCATTTCGGCCAGTAGACA

Table S3. Quantitative RT-PCR in comparison to microarray data.

Locus	gene	microarray	q-RT-PCR	error
SMU.1917	<i>comE</i>	3.4	9.0	0.8
SMU.1914c	<i>cipB</i>	18.0	42.4	2.5
SMU.1997	<i>sigX</i>	55.8	257.2	49.1
SMU.1987	<i>comYA</i>	220.8	1168.3	247.5
SMU.1904c	<i>SMU.1904c</i>	7.6	28.4	3.0
SMU.1910c	<i>SMU.1910c</i>	53.0	46.5	2.3