Steven J Hancock, Minh-Duy Phan, Kate M Peters, Brian M Forde, Teik Min Chong, Wai-Fong Yin, Kok-Gan Chan, David L Paterson, Timothy R Walsh, Scott A Beatson, Mark A Schembri. 2017. Identification of IncA/C Plasmid Replication and Maintenance Genes and Development of a Plasmid Multilocus Sequence Typing Scheme. Antimicrobal Agents and Chemotherapy, 61(2), PMID: 27872077.

The A/C pMLST scheme uses internal fragments of the following 4 genes:

- *repA*: replication gene
- *parA*: putative partitioning gene
- *parB*: putative partitioning gene
- *053*: putative partitioning gene

Primer	Sequence (5'-3')	Primer information	Amplicon size (bp)
repA-F	AAGAGAACCAAAGACAAAGAC	Amplify *repA*	982
repA-R	GCTGCTTACGCTTGTTGGA		
parA-F	AAAAGTAATCAGCTTCGCCA	Amplify *parA*	780
parA-R	TAGCCCACCTTCTCTAATAG		
parB-F	TGTCCGAACTTGCTAAAGC	Amplify *parB*	1128
parB-R	CTGACACAGGCACATGAA		
053-F	AGATCTCACAGGACATGAA	Amplify *053*	250
053-R	TTCAAGAACGAAGACCTGT		

Amplification of the four loci used in PMLST was performed with KAPA HiFi DNA polymerase (KAPA Biosystems) with cycling program:

95°C for 3min; 25 cycles of 98°C for 20sec, 60°C for 15 sec 72°C for 30 sec and a final extension of 72°C for 3min.