Table 1. Gene targets and suggested primers utilized in the *Neisseria gonorrhoeae* Sequence Typing for Antimicrobial Resistance (NG-STAR) typing scheme.

Target	Primer	Nucleotide sequence (5' to 3')	Size (bp) of the amplicon	Allele sizes (bp) in NG-STAR	Reference
penA	PenA-A1(forward) PenA-B1 (reverse) PenA-A2 (forward) PenA-B2 (reverse) PenA-A3 (forward) PenA-B3 (reverse) PenA-A4 (forward)	CGGGCAATACCTTTATGGTGGAAC AACCTTCCTGACCTTTGCCGTC AAAACGCCATTACCCGATGGG TAATGCCGCGCACATCCAAAG GCCGTAACCGATATGATCGA CGTTGATACTCGGATTAAGACG AATTGAGCCTGCTGCAATTGGC	669 581 863	1746-1752	Ito et al, 2005
mtrR	MTR1 (forward) MTR2 (reverse)	AACAGGCATTCTTATTTCAG TTAGAAGAATGCTTTGTGTC	916	698 - 708	Mavroidi et al, 2001
porB1b	por-NGMAST-F (forward) por-NGMAST-R (reverse)	CAAGAAGACCTCGGCAA CCGACAACCACTTGGT	737	30	Martin et al, 2004
ponA	ponA1-f (forward) ponA1-r (reverse)	CGCGGTGCGGAAAACTATATCGAT AGCCCGGATCGGTTACCATACGTT	1240	75	Ropp et al, 2011
gyrA	GYRA-1 (forward) GYRA-2 (reverse)	AACCCTGCCCGTCAGCCTTGA GGACGAGCCGTTGACGAGCAG	270	264	Lindback et al, 2002
parC	parC F (forward) parC R (reverse)	GTTTCAGACGGCCAAAAGCC GGCATAAAATCCACCGTCCCC	332	332	Ng et al, 2002
23S rRNA	gonrRNAF (forward) gonrRNAR2 (reverse)	ACGAATGGCGTAACGATGGCCACA TTCGTCCACTCCGGTCCTCTCGTA	712	567	Ng et al, 2002

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