Table 1: Primers used for identification of pneumococcal isolates and ampliﬁcation of erythromycin and tetracycline resistant genes as well as transposon related genes.

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| Genea | Primer sequence (5**ˈ**→3**ˈ**) | Product length (bp) |
| *lytA*-F*lytA*-R | CGGACTACCGCCTTTATATCGGTTTCAATCGTCAAGCCGTT | 250 |
| *ply-*F*ply-*R | ATTTCTGTAACAGCTACCAACGAGAATTCCCTGTCTTTTCAAAGTC | 329 |
| erm(B)-F erm(B)-R | TGGTATTCCAAATGCGTAATG CTGTGGTATGGCGGGTAAGT | 745 |
| mef(A/E)-Fmef(A/E)-R | CAATATGGGCAGGGCAAGAAGCTGTTCCAATGCTACGG | 1046 |
| TetM-FTetM-R | GTGGACAAAGGTACAACGAGCGGTAAAGTTCGTCACACAC |  |
| aphA3-FaphA3-R | TAA AAG ATA CGG AAG GAA TGT CTCTCG ACC GGA CGC AGA AGG CAA TGT | 824 |
| Int-FInt-R | GCGTGATTGTATCTCACTGACGCTCCTGTTGCTTCT | 193 |
| Xis-FXis-R | AAGCAGACTGAGATTCCTAGCGTCCAATGTATCTATAA | 193 |
| TndX-FTndX-R | ATG ATG GGT TGG ACA AAG ACTT TGC TCG ATA GGC TCT A | 610 |
| TnpR-FTnpR-R | CCA AGG AGC TAA AGA GGT CCCGTC CCG AGT CCC ATG GAA GC | 1528 |
| TnpA-FTnpA-F | GCT TCC ATG GGA CTC GGG ACGCT CCC AAT TAA TAG GAG A | 2115 |