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| **Primer** | **Sequence (5’ -> 3’)** | **Description** |
| Tn\_Up | CTCGATTCTATTAACAAGGG | Designed by authors of NTML. For use if transposon is in plus orientation with gene specific primer. 464 bp to transposon end. |
| Tn\_Buster | GCTTTTTCTAAATGTTTTTTAAGTAAATCAAGTAC | Designed by authors of NTML. For use if transposon is in minus orientation with gene specific primer to transposon end. |
| fadD\_tn | ATCAGAGAAGAAACGTGC | Gene specific primer for *fadD* (SAUSA300\_0227). Used to check transposon insertion in NE260. |
| agrA\_tn | TTTTTAACGTTTCTCACCGAT | Gene specific primer for *agrA* (SAUSA300\_1992). Used to check transposon insertion in NE1532. |
| brnQ\_tn | TTAAGTTGTCGCTTGTTTCG | Gene specific primer for *brnQ* (SAUSA300\_0306). Used to check transposon insertion in NE605. |
| carA\_tn | TTAGGCATTGATATGACGC | Gene specific primer for *carA* (SAUSA300\_1095). Used to check transposon insertion in NE1526. |
| glpD\_tn | TTTTGCTCTACAAACGCAT | Gene specific primer for *glpD* (SAUSA300\_1193). Used to check transposon insertion in NE233. |
| hemL\_tn | TACGACTTAAAGCCGTATC | Gene specific primer for *hemL* (SAUSA300\_1614). Used to check transposon insertion in NE303. |
| hlgB\_tn | TCACTTTGTGATTTTCCCAA | Gene specific primer for *hlgB* (SAUSA300\_2367). Used to check transposon insertion in NE1682. |
| isdC\_tn | TTATTCCACATTGCCTTTAGAT | Gene specific primer for *isdC* (SAUSA300\_1030). Used to check transposon insertion in NE557. |
| NE151\_tn | TTATCCTGCATTCTTTGACTC | Gene specific primer for hi77 ORF109-like protein (SAUSA300\_1928). Used to check transposon insertion in NE151. |
| sbnC\_tn | GCATTTTTGTACACGTCC | Gene specific primer for *sbnC* (SAUSA300\_0120). Used to check transposon insertion in NE1031. |
| thiD\_tn | AATTCATCGTCTAATCCCTCT | Gene specific primer for *thiD* (SAUSA300\_2049). Used to check transposon insertion in NE1428. |
| carA\_pOS1\_rev | CACTAGATAACGTTTGCTTTGCAT-GCATATGTTCACCTCAATTGTATTTATCCC | SOE primer to amplify linearized pOS1-Plgt with *carA* overhangs |
| carA\_pOS1\_fwd | GGAGCGTCATATCAATGCCTAA-TCGAGGATCCAAACAAGGGGG | SOE primer to amplify linearized pOS1-Plgt with *carA* overhangs |
| pOS1\_carA\_fwd | GGGATAAATACAATTGAGGTGAACATATGC-ATGCAAAGCAAACGTTATCTAGTG | SOE primer to amplify *carA* with pOS1-Plgt overhangs |
| pOS1\_carA\_rev | CCCCCTTGTTTGGATCCTCGA-TTAGGCATTGATATGACGCTCC | SOE primer to amplify *carA* with pOS1-Plgt overhangs |