|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primer | Sequence (5' to 3') | Color code (Fig. 1(b)) | Belongs to pair | Reference |
| Deletion in pAsa4c |
| pAsa4-LTG20\_21-F1 | GCCTACCGAAGACATAGCTAAAGC |   | 1, 3 | This study |
| pAsa4-LTG20\_21-R1 | GTACCCAGATTATCCTTTGGCACC |   | 1 | This study |
| pAsa4-LTG3\_4-F1 | ACAGGAGGCATTTAATGTTCAGAC |   | 2 | This study |
| pAsa4-LTG3\_4-R1 | AGCTGATGAAGGACTGAATCTGTC |   | 2, 3 | This study |
| Rainbow block comprising large conjugative block |
| pAsa4-LTG165-F1 | ACTTATAAGACCATCCTGACGGC |   | 4, 5, 6 | This study |
| pAsa4-LTG163-R1 | AAGATCTTCACCTTGTTTATTGCCC |   | 4 | This study |
| pAsa4-traL-R1 | GCCCAATAGATCATGTGGAGTAGG |   | 5 | This study |
| pAsa4-LTG152-F1 | TGAGATATCTTTCCAGTCCACACC |   | 6, 7 | This study |
| pAsa4-LTJ014-F1 | GTGGATTGAGTGTGTGATTTACCG |   | 8 | This study |
| pAsa4-LTJ015-R1 | ATCATAAAGACGGTACTCCTCAGC |   | 7 | This study |
| pAsa4-LTJ015-R2 | AAGTAGAAGACTAACCAGCCTTGC |   | 8 | This study |
| Integron |
| pAsa4-intI-F1 | AAGCTCTCGGGTAACATCAAGG |   | 9, 10 | This study |
| pAas4-cat-R3 | CAAACATGAAAGCCATCACAAACG |   | 9 | This study |
| pAsa4-ISCR-F2 | GGAAACTCAGCACCCATTGCC |   | 11 | This study |
| pAsa4-qacE-R1 | TTTGTGTAGGGCTTATTATGCACG |   | 10, 11 | This study |
| Positive chromosomal control |
| *tapA* F | ACATGAAGAAGCAATCAGGC | NA | 12 | ([Ebanks et al. 2006](#_ENREF_1)) |
| *tapA* R | AGAGGTCATGCGTTAGCAG | NA | 12 | ([Ebanks et al. 2006](#_ENREF_1)) |
| General detection of pAsa4 |
| DD1-pAsa4-traG-F1 | AGGTTGCTCTGGAAAGCCTCTGAT | NA | 13 | ([Vincent et al. 2014](#_ENREF_2)) |
| DD2-pAsa4-traG-R1 | TGTGGATGCCTGTGCTCTCCATTA | NA | 13 | ([Vincent et al. 2014](#_ENREF_2)) |

References for this table

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