Table S1: Primers used in this study

|  |  |  |
| --- | --- | --- |
| **Primers** | **Sequence (5’-3’)a** | **Reference** |
| IM490 (Chromosome-F) | ATAT**CCATGG**AAAAGGAGTGTATATA***GTG***AGAAAAAAACGATATGTATGG *Nco*I | [[1](#_ENREF_1)] |
| IM466 (Chromosome-R) | ATAT**CTGCAG**CAAACGTTGCTGTATAGCTATTGG *Pst*I | [[1](#_ENREF_1)] |
| IM317 (inlA muta-F) | AAAC**AGATCT**AGACCAAGTTACAACG *Bgl*II | [[1](#_ENREF_1)] |
| IM318 (inlA muta-R) | AATT**CCA**CTTCTT**TGG**TTGTTTCTTTGC *Bst*XI | [[1](#_ENREF_1)] |
| RT1 | ATCGTCGA**CTCGAG**TACAACCTC**GGCGCC**[NK]20**GGCGCC**GGTTAGAATG**CTCGAG**CATTAGTC*Xho*I, *Nar*I | This study |
| J3 | ATCGTCGA**CTCGAG**TACAACCTCGGCGCC *Xho*I | This study |
| J4 | GACTAATG**CTCGAG**CATTCTAACC *Xho*I  | This study |
| pJZ037 FP | TGACAGCTTCCAAGGAGCTAA  | This study |
| pJZ037 RP | CCCCGGTCTCTAGACCCTAT | This study |
| Marq207 | GGC CAC GCG TCG ACT ACT CAN NNN NNN CTA AT | [[2](#_ENREF_2)] |
| Marq 208 | GGC CAC GCG TCG ACT ACG AC | [[2](#_ENREF_2)] |
| JZ-001  | CTA TGA GTC GCT TTT GTA AAT TTG GAA AGT TAC ACG TTA CTA A  | This study |
| JZ-002 | TAA AGA GGT CCC TAG CGC CTA CGG GGA ATT TGT ATC GAT | This study |
| JZ-003 | GAG TGG GGT ACG CG AAT ACG | This study |
| JZ-184 | GACTTATCGGCCAACCT | (6) |
| JZ-185 | TACGCACCGGACGAG | (6) |

Underlining and bold indicates restriction enzyme sites. NK represents nucleotides N; A,C,T,G and K; G or T.

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