Table S3. Primer sequence

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| Target gene | Sequence (5’ to 3’) | Product size (bp) | References |
| *asa1* | F: GCACGCTATTACGACTATGA  R: TAAGAAAGAACATCACCACGA | 375 | (7) |
| *gelE* | F: TATGACAATGCTTTTTGGGAT  R: AGATGCACCCGAAATAATATA | 213 | (7) |
| *cylA* | F: ACTCGGGGATTGATAGGC  R: GCTGCTAAAGCTGCGCTT | 688 | (7) |
| *esp* | F: AGATTTCATCTTTGATTCTTGG  R: AATTGATTCTTTAGCATCTGG | 510 | (7) |
| *hyl* | F: ACAGAAGAGCTGCAGGAAATG  R: GACTGACGTCCAAGTTTCCAA | 278 | (7) |