Supplementary Materials

**Supplementary Table 1.** Specifications of the PCR reaction mixture for a final volume of 18 microliters.

|  |  |  |  |
| --- | --- | --- | --- |
| **12**$×$ **(μl)** | **1**$×$ **(μl)** | **Concentrations** | **PCR reaction mixture** |
| 32.4 | 1.8 | 10X | PCR buffer |
| 22.68 | 1.26 | 50Mm | MgCl2 |
| 6.48 | 0.36 | 10mM | dNTPs |
| 32.4 | 1.8 |  | Primer |
| 4.32 | 0.24 | 5u/μl  | *Taq* DNA polymerase |
| 207.72 | 11.54 |  | ddH2O |
| - | 1 |  | Templet DNA |
| - | 18 |  | Final volume |

**Supplementary Table 2.** PCR primer adjusted program for RAPD.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cycles** | **Time (min)** | **Temp. (˚C)** | **Steps** | **No.** |
| 1 | 5 | 94 | Primary denaturation | 1 |
| 38 | 1 | 92 | Denaturation | 2 |
| - | 1 | 30-42 | Annealing | 3 |
| - | 2 | 72 | Extension | 4 |
| 1 | 10 | 72 | Final extension | 5 |
| - | till used | 4 | Kept | 6 |