

Supplementary Material A. Here, we used 2 U of each *EcoRI* and *MseI* restriction enzymes and 10 × reaction buffer NEB 4 (New England Biolabs, Hitchin, UK) to digest 100 ng of total DNA. The generated DNA fragments were ligated with *EcoRI* and *MseI* adaptors using 2.5 U of T4 DNA ligase and 1 × T4 DNA ligase reaction buffer (New England Biolabs, Hitchin, UK). The resulting solution was diluted 5 times with TE buffer. Both pre-selective and selective amplifications were conducted in PTC 200 MJ Research thermocycler. In the pre-selective amplification we used 2.5 µL of digested-ligated DNA in a 22.5 µL mixture of 0.2 mmol/L dNTPs, 0.24 µmol/L of each *EcoRI*-A and *MseI*-C primer, 1 U KapaTaq DNA polymerase, 5 × buffer (Kapa Biosystems, Wilmington, MA, USA) and ddH₂O following the PCR conditions described in Vos *et al.* (1995), modified by increasing the PCR cycles from 20 to 25 and adding a final extension step of 30 min at 72°C. The pre-amplified DNA product was diluted 10 times with TE buffer, and 2.5 µL of the diluted mixture were used as template for the selective amplification and added to a 7.5 µL mixture containing 0.2 mmol/L dNTPs, 0.04 µmol/L fluorescent *EcoRI* primer (*EcoRI*-ANN), 0.2 µmol/L *MseI* primer (*MseI*-CNN), 0.5 U Kapa Taq DNA polymerase, 5 × buffer (Kapa Biosystems, Wilmington, MA, USA) and ddH₂O, following the PCR conditions described in Vos *et al.* (1995).