**Supplementary materials**

**Table 1S**. Primer combinations used to perform DNA fingerprinting in willow with AFLP technology.

|  |  |  |  |
| --- | --- | --- | --- |
| Primer  code | Primer combinations  with selective bases | Primer  code | Primer combinations  with selective bases |
| E1-M1 | Eco+CAA/Mse+AGC | E3-M1 | Eco+CAG/Mse+AGC |
| E1-M2 | Eco+CAA/Mse+AGG | E3-M2 | Eco+CAG/Mse+AGG |
| E2-M1 | Eco+CAC/Mse+AGC | E3-M3 | Eco+CAG/Mse+ATC |
| E2-M2 | Eco+CAC/Mse+AGG | E4-M3 | Eco+CCA/Mse+ATC |

The sequence of primers for the specific restriction site/oligonucleotide adapter combinations are as follows: EcoRI-primer (E): AGACTGCGTACCAATTC and MseI-primer (M): GACGATGAGTCCTGAGTAA.

**Figure 1S.** Moran’s correlograms.

Dark squares: autocorrelation statistics that remain significant after progressive Bonferroni correction (α = 0.05); white squares: non-significant values. Only the most representative correlograms are reported.

Fontaniva (FN)

Carturo (CA)

Piazzola (PB)

**Figure 2S.** Main peaks of the ∆K estimation, including K=1, K=3 and K=7.

