Supplemental data

Supplemental Figure 1. Segregation analysis of *S-RNases* of the 'Goldrich' x 'Currot' progeny.

Supplemental Figure 2. Alignment of the amino acidic sequences of S-RNases from several *Prunus* species carried out with CLUSTALX (Thompson et al., 1997). Sequences used were the following: EMBL/DDJB/GenBank accession numbers: *Par*-S_1 (AY587561), *Par*-S_2 (AY587562), *Par*-S_4 (AY587564), *Par*-S_C (DQ422947), *Pa*-S_3 (AB010306), *Pa*-S_6 (AB010305), *Pm*-S_1 (AB101438), *Pm*-S_7 (AB101439), *Pd*-Sa (AB026836) and *Pd*-Sb (AB011469).

Supplemental Figure 3. Search of *SFB* genetic duplications in the cultivar 'Canino' (S_2S_C) by CAPS analysis with *Eco*RI-*Nde*I.

Supplemental Figure 4. Molecular characterization of *ParFB* alleles. Sequences used for the alignments were: *Par*-SFB_1 (AY587563), *Par*-SFB_2 (AY587562), *Par*-SFB_4 (AY587565) (Romero et al., 2004), *Par*-FB_1 (DQ422943), *Par*-FB_2 (DQ422944) and *Par*-FB_3 (DQ422946) (this work).