**Supplementary Figures**

Comparison of traditional and new generation DNA markers declares high genetic diversity and differentiated population structure of wild almond species

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**Supplementary Figure S1**

*Fig. S1.* Polymorphism detected by IRAP primer combination. Lanes from left to right: M: 1 kb+DNA marker (Fermentas); 1 to 10: individuals from Euamygdalus section; 11 to 20: individuals from Lycioides section and 21 to 29: individuals from Spartioides section. Black line between lanes showed that were not run together on the original gel. Vertical lines delineate where the gel is cut.

**Supplementary Figure S2**

*Fig. S2.* Polymorphism detected by REMAP primer combination. Lanes from left to right: M: 1 kb+DNA marker (Fermentas); 1 to 10: individuals from Euamygdalus section; 11 to 20: individuals from Lycioides section and 21 to 30: individuals from Spartioides section. Black line between lanes showed that were not run together on the original gel. Vertical lines delineate where the gel is cut.