S6 Figure: Genome-wide synteny between Diospyros and Actinidia

Dot plots of the syntenic genomic regions between Diospyros and Actinidia. As represented in the orange box, a single genomic segment from Actinidia corresponds to two syntenic Diospyros genome regions which are derived from the Dd-α. In the orange box, the middle regions of Dlo01 and Dlo02, and Dlo03 and Dlo06 are duplicated regions via Dd-α (see Figure 1g and S4-5 Figure). On the other hand, as represented in the green box, a genomic segment from Diospyros corresponds to at maximum four syntenic Actinidia genome regions which are derived from the double Actinidia-specific genome-wide duplication events (Ad-α and Ad-β) (Huang et al., 2013). These results indicate that, in the evolution of the order Ericales, Dd-α and Ad-α/β occurred independently in the Diospyros and Actinidia ancestral genomes, respectively.