

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Statistics of all gene families of 16 species.

File name: Supplementary Data 2

Description: Ks calculation results of paralogs in *S. album*.

File name: Supplementary Data 3

Description: Ks calculation results of paralogs in *S. yasi*.

File name: Supplementary Data 4

Description: Ks calculation results of paralogs in *M. oleifera*.

File name: Supplementary Data 5

Description: Ks calculation results of paralogs in *V. vinifera*.

File name: Supplementary Data 6

Description: Supplementary Data 6: Insert time of LTR in *S. album*.

File name: Supplementary Data 7

Description: Supplementary Data 6: Insert time of LTR in *S. yasi*.

File name: Supplementary Data 8

Description: Supplementary Data 6: Insert time of LTR in *M. oleifera*.