

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: Sample information, sequencing and mapping statistics.

File Name: Supplementary Data 2

Description: Results from whole genome D-statistics analysis.

File Name: Supplementary Data 3

Description: Numbers of chromosomal segments and sites, and median length of segments supporting alternative rooted topologies identified by saguaro.

File Name: Supplementary Data 4

Description: Main set of parameter estimates in the G-PhoCS analysis.

File Name: Supplementary Data 5

Description: Genes with introgression signal and its corresponding functional pathway category.