

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description:

Information and NGS sequencing summary of the 1,078 samples

File name: Supplementary Data 2

Description:

Summary of ONT sequencing and structural variations of 545 genomes

File name: Supplementary Data 3

Description:

Genome assembly, annotation and pan-gene statistics of the 100 assembled genomes

File name: Supplementary Data 4

Description:

Comprehensive pan-genome sequence content and gene annotation

File name: Supplementary Data 5

Description:

List of the species used for investigating the similarity and distribution of core, softcore, and dispensable genes among insects

File name: Supplementary Data 6

Description:

Nine previously reported SVs were validated in this study

File name: Supplementary Data 7

Description:

The primer sequences used in the SV validation experiments

File name: Supplementary Data 8

Description:

8a: Genes and relevant SVs associated with silkworm domestication

8b: Genes and relevant SVs associated with silkworm improvement

File name: Supplementary Data 9

Description:

Lists of the primers, sgRNAs, and siRNAs used in this study