

Supplementary Data

Supplementary Data 1: Gene annotations for LG1 Region 1, Region 2 and Region 3

Supplementary Data 2: GO enrichment and KEGG mapping results

Supplementary Data 3: Gene annotations for LG12 MDS2 and MDS1

Supplementary Data 4: Results from SV analyses on both short-read and long-read data.

Supplementary Data 5: Sequencing and sample information for the natural WGS data