



Fig. S1. Strategy for targeted disruption of the *MpFlv1* locus and analysis of homologous recombination events. (A) Schematic diagram of targeted disruption of the *MpFlv1* locus through homologous recombination. (B) Genotyping of the $\Delta MpFlv1$ lines. The positions of the primers used for PCR analysis are shown in Fig. S1A. (C) Reverse transcript-PCR of *MpFlv1* in Tak-1, $\Delta MpFlv1$, and *cMpFlv1*.