

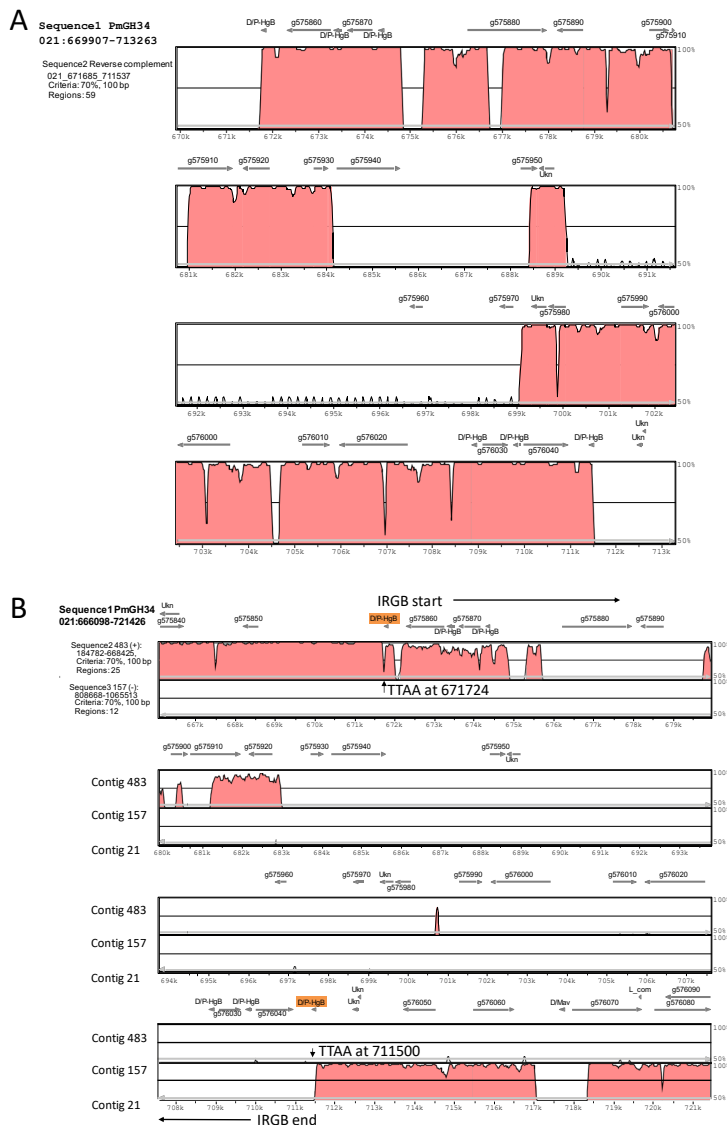


Figure S4. *Pmeg* invert repeat gene block 21. (A) The invert repeat block on contig 21 aligned to its reverse complement showing inverted repeat segment on its end involving DNA/PiggyBac-like TEs (D/P-HGB) and multiple hypothetical protein encoding genes. (B) Invert repeat gene block 21 aligned to contigs 157 and 483 showing sequence homology with invert repeat gene block 21 flanking regions. TAA sequence marks the ends of invert repeat gene block 21 and are shared by contigs 157 and 483 homologous regions.