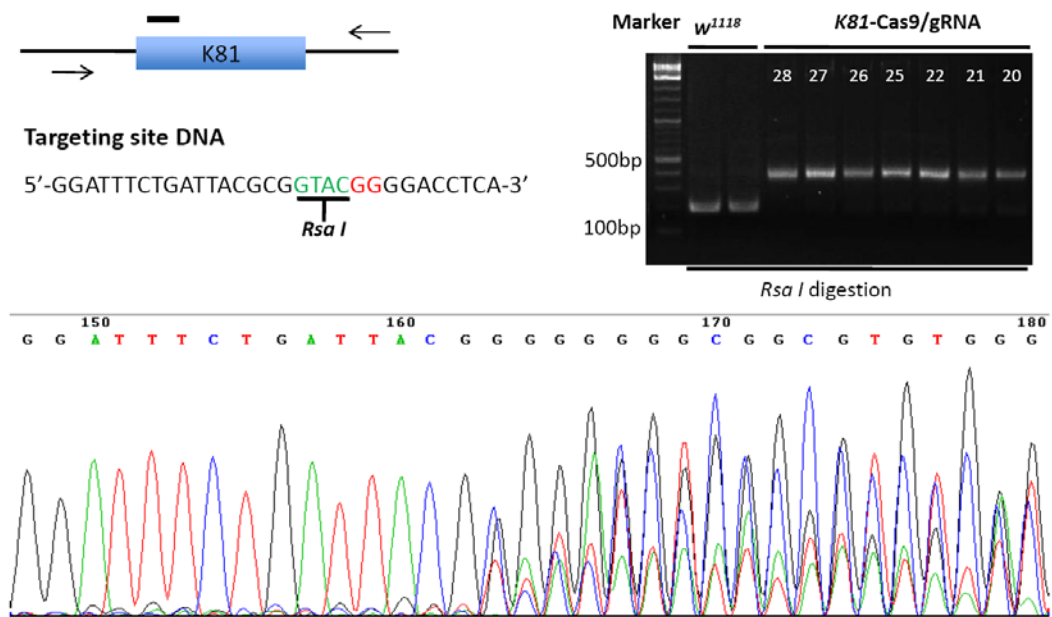
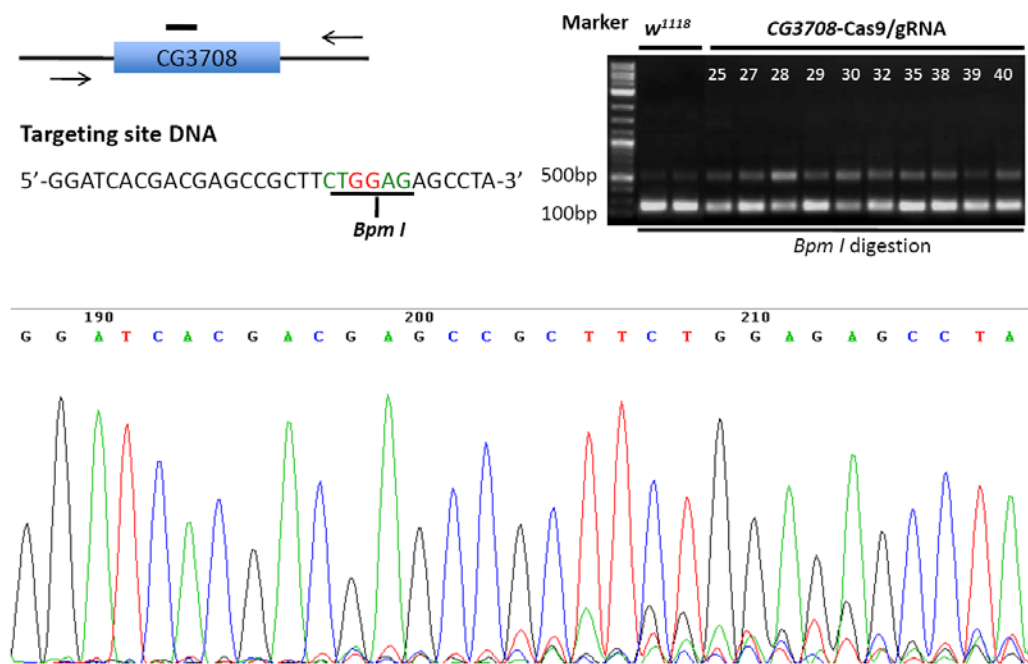


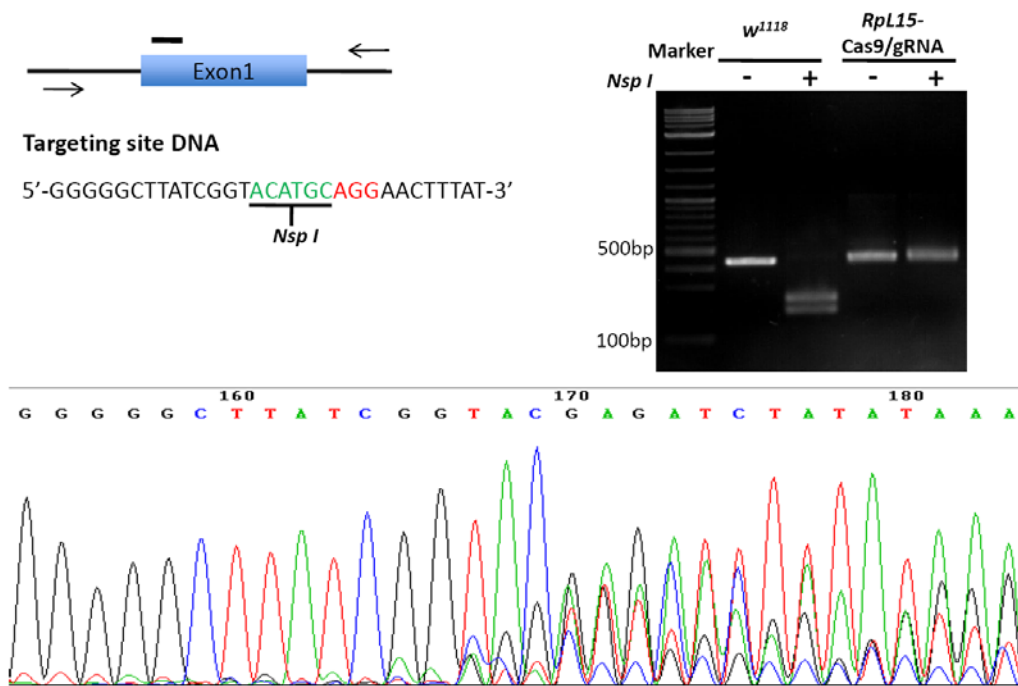
A



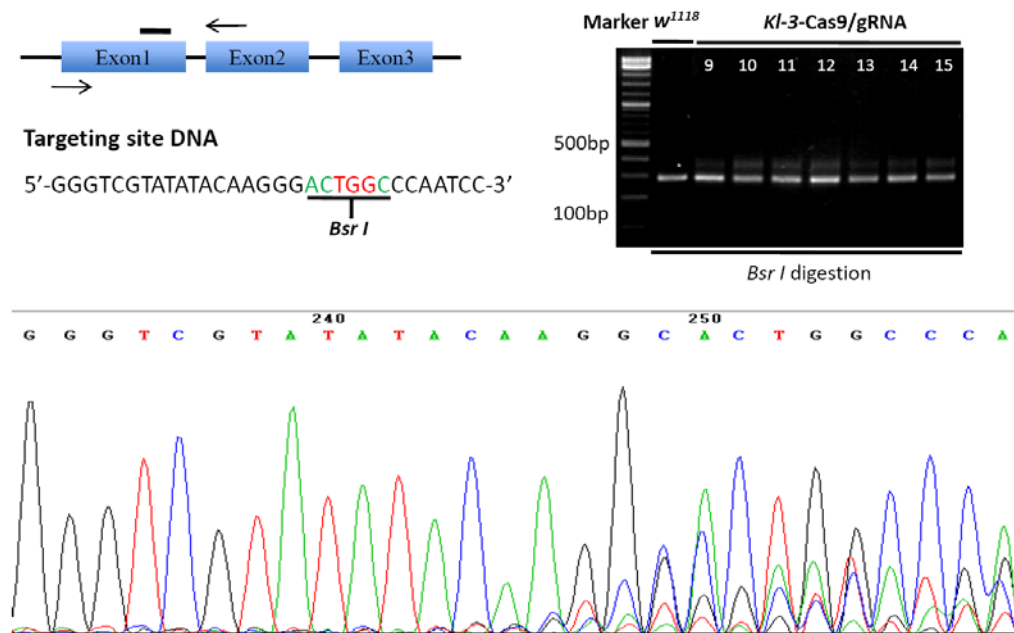
B



C



D



**Fig S2** Mutations induced by Cas9/gRNA at *K81* (A), *CG3708* (B), *RpL15* (C), and *kl-3* (D) loci in *Drosophila*. Pictures on the top left corner of each panel show targeting site and DNA sequences of each locus. Enzyme cutting sites chosen for identification of mutations are underlined. Pictures on each top right corner show the enzyme digestion results of PCR products of wild-type and Cas9/gRNA-induced  $F_0$  mutants. Lower sequence graphics in each panel report representative DNA sequencing results of the PCR products from  $F_0$  flies showing indel mutations induced by Cas9/gRNA in corresponding targeted locus.