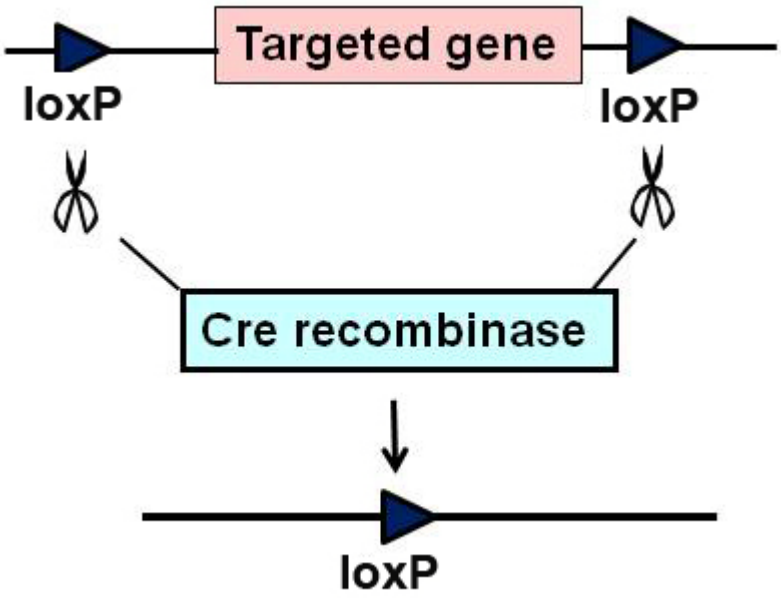
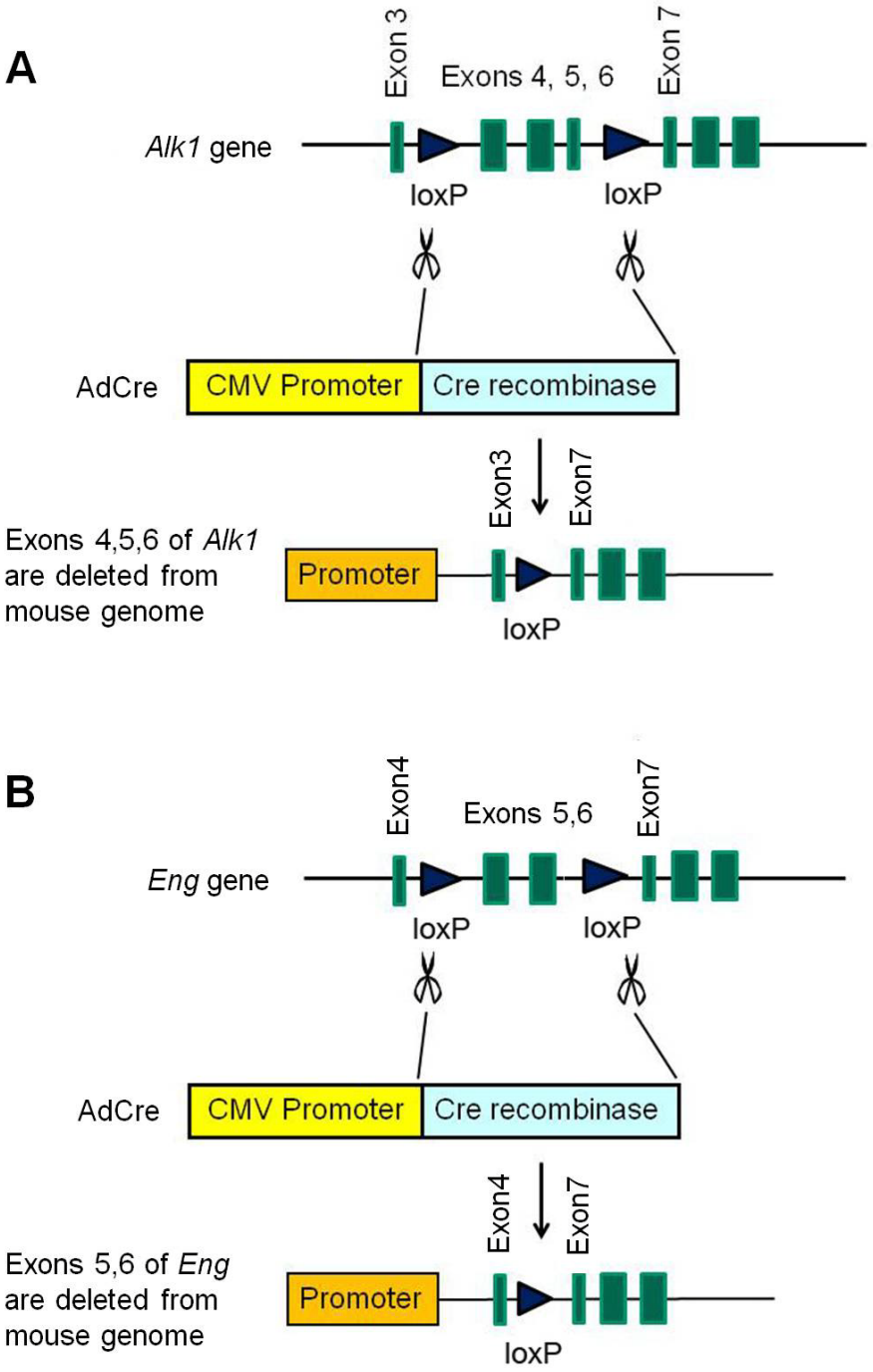
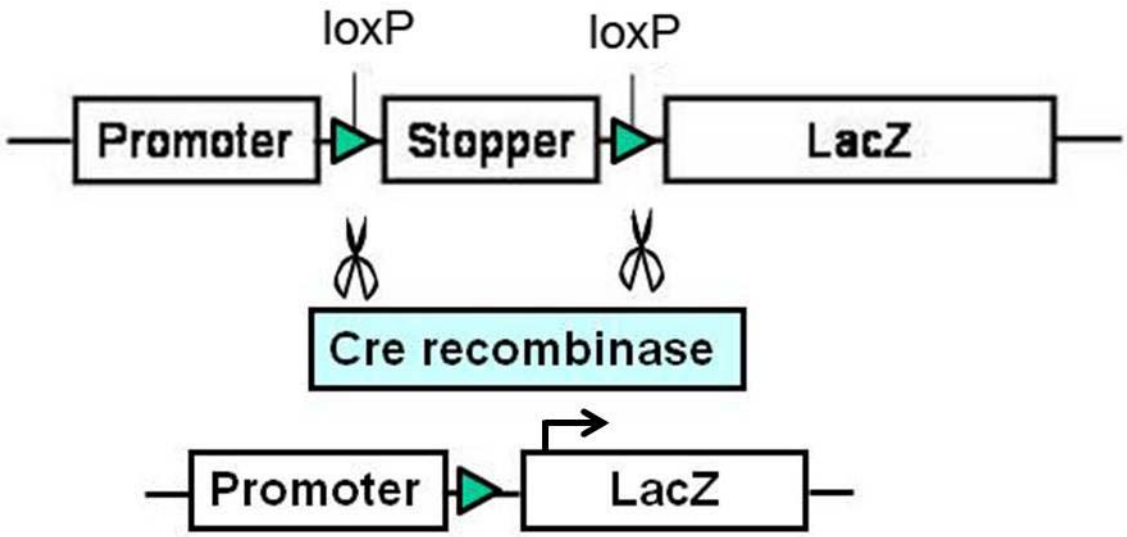


Supplementary Figure 1. Illustration of the Cre/loxP system. The targeted sequence is flanked by two loxP sites. When Cre recombinase is present, two loxP sites recombine, causing the deletion of the sequence flanked by them.



Supplementary Figure 2. Ad-Cre-mediated deletion of loxP-flanked sequences in *Alk1*$^{2f/2f}$ or *Eng*$^{2f/2f}$ mice. A. In *Alk1*$^{2f/2f}$ mice, exons 4 to 6 of *Alk1* on both alleles are flanked by loxP sequences. Injection of Ad-Cre into the basal ganglia of *Alk1*$^{2f/2f}$ mice results in deletion of the loxP-flanked exons 4 to 6 of the *Alk1* gene. **B.** In *Eng*$^{2f/2f}$ mice, exons 5 and 6 are deleted by the same method.



Supplementary Figure 3. Scheme of monitoring the efficiency of Cre-mediated recombination of loxP sites using R26R mice. R26R mice carry a transgene in which expression of the reporter *lacZ* gene is activated when the stopper flanked by loxP sites is removed by Cre-mediated recombination.