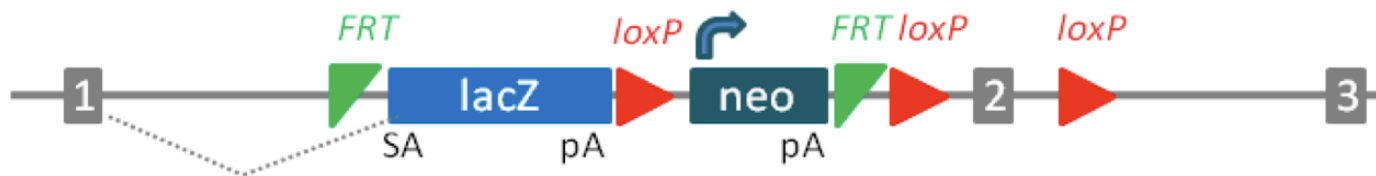
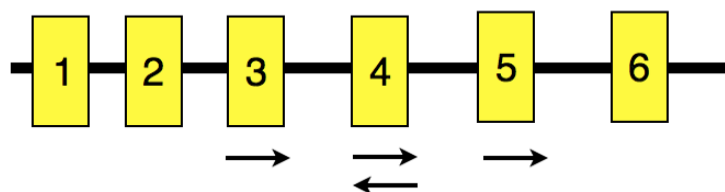


Knockout-first (promoter)



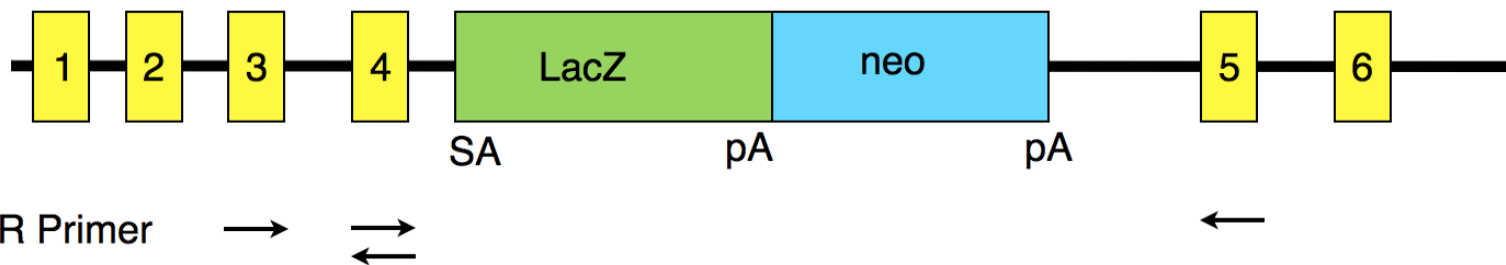
EUCOMM,
KOMP-CSD

Stag3^{+/+}



RT-PCR Primer

Stag3^{ko/ko}



RT-PCR Primer

Supplemental Figure S1: Knockout-first construct used by KOMP to generate the *Stag3^{ko/ko}* mice. When homozygous for this locus, the splice acceptor (SA) within the lacZ gene prevents correct splicing and no protein is produced. The relevant exons of the Stag3 gene, the *Stag3^{ko/ko}* genomic arrangement, and the PCR primers are shown.