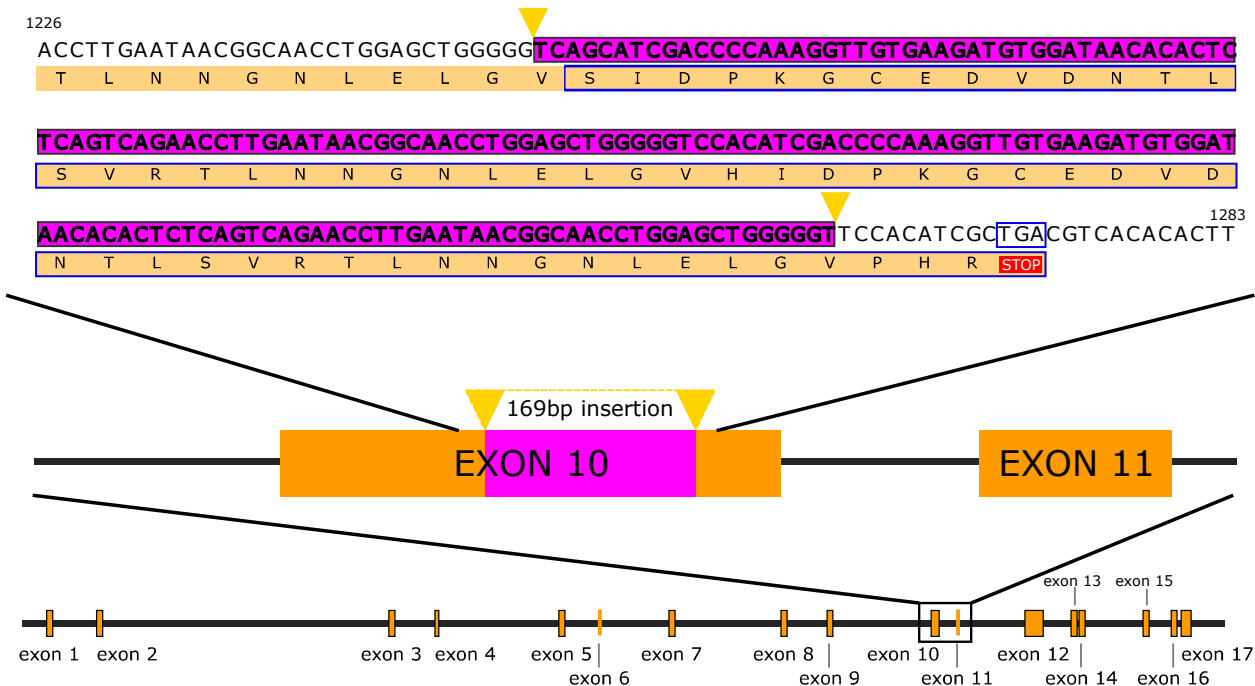
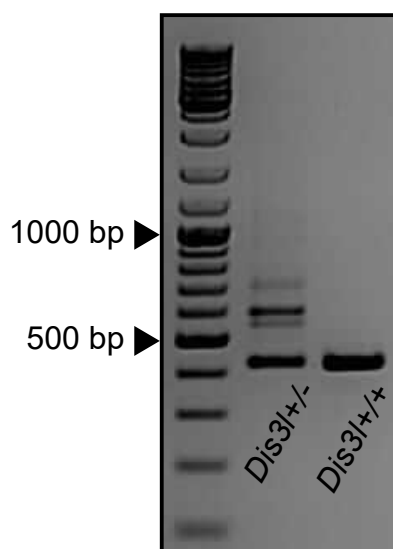


A



B



C

TCAGCATCGACCCCAAAGGTTGTGAAGATGTGGATAACACACTCTCAGTCAGAACCTTGAATAACGGCAACCT
GGAGCTGGGGGTCCACATCGACCCCAAAGGTTGTGAAGATGTGGATAACACACTCTCAGTCAGAACCTTGAA
TAACGGCAACCTGGAGCTGGGGGT

Supplemental Figure S3. A. Schematic map of *Mus musculus Dis3l* gene with marked exons (orange boxes), Cas9 cutting site (orange triangles), random insertion sequence (magenta) and resulting changed 59 amino acid sequence ending with premature stop codon (blue frame). Nucleotide sequence corresponds to Dis3l-203 transcript of *Dis3l* gene (Ensembl ID: ENSMUST00000120760.8). **B.** Result of *Dis3l* genotyping. Visible are wild-type band (bottom) and knock-out band containing 169bp insertion (top). **C.** 169bp random insertion sequences resulted from non-homologous end joining (NHEJ) of exon 10 in panel A.