

pld6^{ihb587/+} (CZRC catalog ID: CZ1577)

Nature of the mutation

2bp deletion, Between 101bp to 102bp of the wild-type *pld6* coding sequence, CG is deleted in exon2.

Sense Strand Sequence

cagATGTCATTTAAGGAGCTGATGAAAGTGTTGGGCCTGGGAACTGTTG
CGTTTGTCTGGGTGTGGAGTGGTTAAACTGGCTGACGCGCCGGCTGAGA
GACTCTCGAGGGCCCTTAAAAGAAGTGCTTTTCTTTCCTTCACCTCAAGTC
TGC GTT GAGCACCTGTTACATCTCACCGAAGCTTTCCTGgtacttcagtcaacctttt
cgaatcaaactaatgcattgaccaaagtcaacctctc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

>WT:

TGTTCTGGGTGTGGAGTGGTTAAACTGGCTGACGCGCCGGCTGAGAG
AC

>CZ1577: 2bp deletion

TGTTCTGGGTGTGGAGTGGTTAAACTGGCTGA-CGCCGGCTGAGAGAC