

## *pld6*<sup>ihb588/+</sup> (CZRC catalog ID: CZ1578)

### Nature of the mutation

65bp deletion, Between 40bp to 104bp of the wild-type *pld6* coding sequence, AAAGTGTGGGCCTGGGAAGTGTTCGTTTGTCTGGGTGTGGAGTGGTTAACTGGCTGACGCG is deleted in exon2.

### Sense Strand Sequence

cagATGTCATTTAAGGAGCTGATGAAAGTGTGGGCCTGGGAAGTGTTCGTTTGTCTGGGTGTGGAGTGGTTAACTGGCTGACGCGCGCGGCTGAGAGACTCTCGAGGGCCCTTAAAAGAAGTGCTTTTCTTTCCTTCACCTCAAGTCTGCGTTGAGCACCTGTTACATCTCACCGAAGCTTTCCTGgtacttcagtcaacctttcgaatcaaactaatgcattgaccaaagtcaacctctcc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

>WT:

TGTCATTTAAGGAGCTGATGAAAGTGTGGGCCTGGGAAGTGTTCGCTTGTCTGGGTGTGGAGTGGTTAACTGGCTGACGCGCGCGGCTGAGAGACTCT

>CZ1578: 65bp deletion

TGTCATTTAAGGAGCTGATG-----CCGGCTGAGAGACTCT