



## *lin28a*<sup>psi37/+</sup> (CZRC catalog ID: CZ1417)

### Nature of the mutation

5bp deletion, Between 31bp to 36 bp of the wild-type *lin28a* coding sequence, CTGAA is deleted in exon3.

### Sense Strand Sequence

tgttgacatctctgcagAGCAAGCTTCATATGGAGGGTTTTCGCAGTCTGAAGGAAGGAGA  
AGCAGTGGAATTCACCTTTAAAAGATCCTCTAAGGGTCTGGAGTCCTTACAAGTGA  
CGGGCCTGGAGGGGCACCATGTGTGGGCAGCGAGAAGAAACCTAAGGGTACCC  
AAAAGAGGCGGTCAAAGGAGATCGgtg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg:Forward/Reverse primer

atcg:Crisper/cas9 target site

### Genotyping assay

#### Primers:

CZ1417\_forward:5'-TGTTTGACATCTCTGCAGAGC-3'

CZ1417\_reverse:5'-CACCGATCTCCTTTTGACCG-3'

#### PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
60°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

**Product size: 200bp**

### Reference

Zhian Ye, Zhongwu Su, Siyu Xie, Yuye Liu, Linjia Jiang.(2020) Yap-lin28a axis targets let7-Wnt pathway to restore progenitors for initiating regeneration. eLife. 9:e55771.

