



tle3a^{ihb356/+} (CZRC catalog ID: CZ1266)

Nature of the mutation

1bp insertion, After 33bp of the wild-type *tle3a* coding sequence, C is inserted after “GCCCAGATT” in exon6.

Sense Strand Sequence

cggttctgattgctgtggaattggcctaatacgttgggaaacgctaaaaaggcttagtggtgctcttaacagaagtaaattaacccttttta
acttttccctctctcttttccagACCGAGATTGCCAAAAGGCTCAATGCGATTCTAGCCCA**GA**
TTATGCCTTTTCTGTCACAAGAGgtgagctttattacatttaaagctttttgttctgaattgtaatgtcttattatttaa
gaactttcagattttatatttgattggactgttattgtattaacctgttgttttctcctgtt**cagcaccaacagcaagt**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:

CZ1266_forward: 5'- CGGTTCTGATTGCTGTGG-3'

CZ1266_reverse: 5'- ACTTGCTGTTGGTGCTGA-3'

PCR program:

95°C	5min	} 30 cycles
95°C	30sec	
56°C	30sec	
72°C	30sec	
95°C	10min	
4°C	hold	

Product size: 332bp

