



***znf513a*^{ihb459/+ (AB)} (CZRC catalog ID: CZ1410)**

Nature of the mutation

7bp deletion, Between 30bp to 37bp of the wild-type *znf513a* coding sequence, GGAGACG is deleted in exon3.

Sense Strand Sequence

gctgaaattctgtgcatttgaaagtagtttcagtttgctgaaacatatcgatacatctgcataatgtaatgctgtggtctgtacagCTGA
CATCAGTCTGCCT**GGCTTCCCCCTGGGAGACG**AGGAGAACTCCCCCTTCAGTCGA
CTCAGTATGGAGAGGTGACGCTGACGACCTCCGCGCAACCGAAAGCGAACGTGAA
GAGAG**GGTTTCTGAGTCTGCCTTC**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:

CZ1410_forward:5'- GCTGAAATTCTGTTGCATTT -3'

CZ1410_reverse:5'- GAAAGGCAGACTCAGAAACC -3'

PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
58°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

Product size: 226bp

Reference

None

