



il10^{ihb422/+} (CZRC catalog ID: CZ1365)

Nature of the mutation

Between 118 bp to 125 bp of the wild-type *il10* coding sequence, TTAAGACT are deleted in exon 1.

Sense Strand Sequence

CTCTGGAGTCATCCTTTCTGCTCTGCTCACGCTTCTTCTTTGCGACTGTGCTCAGAG
CAGGAGAGTCGAATGCAAAACTGACTGTTGCTCATTGTGGAGGGCTTTCCTTTAA
GACTGAGGGAGCTCCGTTCTGCATACAAA
GAAATTCAGAAGTTTTATgtaagtacacttcgactgatctccagctgaatgaaatgccagtttgcactcccattctgct

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

*il10*_forward: 5' CTCTGGAGTCATCCTTTCTG 3'

*il10*_reverse: 5' agcagaaatgggagttgc 3'

PCR program:

95°C	5min	} 30 Cycles
95°C	30 sec	
56°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

Product size: 224 bp

