



***acox1*^{ihb376/+ (AB)} (CZRC catalog ID: CZ1316)**

Nature of the mutation

8bp deletion, Between 26bp to 34bp of the wild-type *acox1* coding sequence, CCCCTAGG is deleted in exon5.

Sense Strand Sequence

attgtctgttcattctgcagTGTGTGAGGGGTGTATTCAAGAGCCCCTAGGTGTCCATAATG
TCATGTTTCATACCCACCTTAAAAAGCCAGTGTACTGCTGAACAACGCAAAAAATGG
ATCCCCTTAGCTGAGTCATTCCATATGTTAGGCACCTATGCTCAGACAGAGCTGGGG
CACGgtcagttctctcctgaacaattattgaaatgtactttaaattagtaataagcaaaaagtattgccttttgggtcagaaa

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:

CZ1316_forward:5'-ATTTGTCTGTTCCATTCTGC-3'

CZ1316_reverse:5'-TTTCTGAACCAAAAAGGACA-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: 212bp

Reference

None

