



## *ar*<sup>ihb1226/+</sup> (CZRC catalog ID: CZ1281)

### Nature of the mutation

2bp deleted, Between 156bp to 158bp of the wild-type *ar* coding sequence, GA is deleted in exon4.

### Sense Strand Sequence

GGACAGATGAAAGGTCCGGATGAGGTCGGAGCAGTTCAGGGCCCGTCGGAGACT  
GTCCAGTGCTTGTCGCCCAAGCCCAACCTGACTTTCCACTCGCAGTTGATCTTCCT  
GAACATTCTGGAGGCCATTGAGCCCGAGGTGGTGAACGCCGGCCATGATCATGGT  
CAGCCTGACTCAGCGGCTGCTCTTCTCACCAGCCTAACGAGTTAGG

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### Genotyping assay

#### Primers:

CZ1242\_forward: 5'- GGACAGATGAAAGGTCCGGATG-3'

CZ1242\_reverse: 5'- CCTAACTCGTTAAGGCTGGTG-3'

#### PCR program:

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

Product size: 212bp

