



## *amh*<sup>ihb361/+</sup> (CZRC catalog ID: CZ1270)

### Nature of the mutation

8bp deletion, Between 23bp to 31 bp of the wild-type *amh* coding sequence, AGGAGGGA is deleted in exon3.

### Sense Strand Sequence

CAACTGACCAATATGCCACTGAAGACACACCATTCAATAAAGAACAACAAAAACACT  
GAATGAGTTCCTGTCAGCCCTGAAAAGTGCTGGGGAACTGGGGAAAATGGACTTC  
GTGGGAACATGTTCACTGAAACTCAAAGTTCGCAGGTTTCTCATCTGGT  
TCAGAGTGTGCTCCAAAAACAAAGTGGCCTCAAGGGTGTGCATGCTACAGAAGgta  
aataaaattctacactgattaatgtttatgcagtggatgctgcttttagtgatctgtgattttttattagATATTTGGGATGCT  
GATAACGAAGGAGGGATCACTTTAACCCCTCACGTTCCCAAAGCATTCCCTACCGGC  
CGGTCCGGCCTCTGTGATGCTCCTGTTCAGTGTCAATCCTGTAAAGGAGACAGTT  
TGAGAGTGCAATTCACAGTCAATCCATCCATCCAAATACACAGgtatatgcgttacttta  
ctggaaatgatggtgcaa

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

### Genotyping assay

#### Primers:

CZ1270\_forward: 5'- CAACTGACCAATATGCCACTGA-3'

CZ1270\_reverse: 5'- TTGCACCATCATTTCCAGCCAA-3'

#### PCR program:

95°C 5min  
95°C 30sec  
55°C 30sec  
72°C 30sec } 30 cycles  
95°C 10min  
4°C hold

Product size: 507p

