



star^{hb350/+} (CZRC catalog ID: CZ1257)

Nature of the mutation

1bp of "A" deletion at position 96bp exon2 of wild-type *star* coding sequence.

Sense Strand Sequence

TTTACGTGTAGTCCATTCATCTTTTAAGAAAGTTTATAATGTTGCCTGCAACATTCA
AATTGTGTGCTGGCATTCTTACAGACACATGAGAAATATGACAGgtaagagcacttcaaga
atttctgaaatcatttgaatgatatgtctttgtaattacgtgtttataataacaatcagGTCTGAGGAAGAATGCAA
TGATTGCCATCCACCATGAATTGAACAAGCTCTCCGGACCTGGAGCTAGCACTTGG
ATAAACCACATCCGAAGAAGGAGCTCCTTGCTCAgtaagagatcttgcataacttaacgccagtata
aagggataggggacactgtacattgaactgtttatgtaatggataataataatgccaaatgattgtcttatattgtataatattaagagttt
agatgcaaaaacctctaaaagccatttggatgtttctctgaattacctttttcagactcctttatgcaggct

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: TALENs target site

Genotyping assay

Primers:

CZ1257_forward: 5'- TGACAGGTAAGAGCACTTTC-3'

CZ1257_reverse: 5'- AGCCTGCATAAAGGAGTCTG-3'

PCR program:

95°C 5min
95°C 30sec } 30 cycles
63°C 30sec }
72°C 30sec }
95°C 10min
4°C hold

Product size: 407bp

