



anxa2a^{ihb583/+} (CZRC catalog ID: CZ1572)

Nature of the mutation

1bp deletion, The 82bp of the wild-type *anxa2a* coding sequence, T is deleted in exon6.

Sense Strand Sequence

acattctagtcctcatgcatc aaatactggtacttattcatcaaatactgtactccttgataaatactagtagttattc
ctctagtattcatccatggtttgttatcaagatgatcatcaagtttctcaaacgcacattatctgtgtgttttcagGGTC
TTGGAACAGACGAAGAGTCTCTGATTGAGATCCTCTGCTCTCGAAGC
AATGCTGAGATCATGGAGATCAAGAAAGTCTACAGGGAATgtgagtatggca
gtgtttaatgcacttattaaggggtttgtacctgagatataaccgtgtgtttcatcacagTGTTCAAGAAG
GAATTGGAGAAGGATGTGGCTGGAGATACTTCAGGGGACTTTGCCAA
ACTCCTGCTTGCTCTTGTTGAGgtcagtttagcattttgcactttaactagtataaccattaaga
agtgaactaagatgctaatactttttgcttatcattgtaactctcagGCCAAAAGAGAGCAGTCTA
GCTCCGTTATTGACTACCAGAGAATTGATGAAGATGCCAGAgtaagtc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:

CZ1572-forward: 5' ACATTCTAGTCCTCATGCATC 3'





国家水生生物种质资源库国家斑马鱼资源中心
China Zebrafish Resource Center (CZRC)
National Aquatic Biological Resource Center (NABRC)

CZ1572-reverse: 5' GGACTTACTCTGGCATCTTC 3'

PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
58°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

Product size: 564bp

Reference

None

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