

## ***anxa2b*<sup>ihb599/+</sup> (CZRC catalog ID: CZ1591)**

### **Nature of the mutation**

17bp deletion, Between 58bp to 74bp of the wild-type *anxa2b* coding sequence, GAGCTGGCGGAAATCAA is deleted in exon5.

### **Sense Strand Sequence**

tcgttctgacctcaaacctttgaataagtgaattgtatatattattgtgaagctcattcaattgtacacaattgttgctt  
taatggtgggaaagagttagttgacatctgttagaattagttggctatacaagttggcactgtcactgacatttagttat  
attgattaactacatggtgttttacagGGTCTGGGTACCGATGAAGAGAGTCTGATTGA  
GATGGTGTGTTCCCGCAATAAAGA**GGAGCTGGCGGAAATCAAGA**AGG  
TTTACAAAGAAAgtgagtgacactgggcttagaaaacataaaaacatgcagacactggtgttcattcat  
ctactgtttttcccagTGTTTAAGAAGGACTTGGAGAAAGATATTTCTGGAGAC  
ACATCTGGAGATTTTGC GAAGCTGCTACTGGCCCTTGACACAGgtagatcaa  
aaacattaaacaataaatgcatataacagtttttttttattgtaatcctaattaaagtgataattcacccaaatatta  
aagct**gcagtatgtgagttgaca**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

**atcg**: Forward/Reverse primer

**atcg**: Crisper/cas9 target site

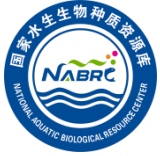
### **Genotyping assay**

#### **Primers:**

**Address:** Institute of Hydrobiology, CAS  
No. 7 Donghu South Road, Wuhan 430072, China  
**Email:** zebrafish@ihb.ac.cn

**Tel:** 86-27-68780570  
**Web:** www.zfish.cn





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)

CZ1591-forward: 5' TCGTTCTGACCTCAAACCTTT 3'

CZ1591-reverse: 5' TGTCAAACTCACATACTGCA 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: 552bp**

**Reference**

None

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