



## ***anxa2a*<sup>ihb585/+</sup> (CZRC catalog ID: CZ1574)**

### **Nature of the mutation**

7bp deletion, Between 80bp to 87bp of the wild-type *anxa2a* coding sequence, TCTACAG is deleted in exon6.

### **Sense Strand Sequence**

acattctagtcctcatgcatc<sup>aaatactggtacttattcatcaataactgtactccttgataaactagtagtattc</sup>  
ctctagtattcatccatggtttgtatcaagatgatcatcaagtttctcaaacgcattatctgtgtgttttcagGGTC  
TTGGAACAGACGAAGAGTCTCTGATTGAGATCCTCTGCTCTCGAAGC  
AATGCTGAGATCAT<sup>GGAGATCAAGAAAGTCTAC</sup>AGGGAATgtgagtatggca  
gtgtttaaatagcactattaaggggtttgtacctgagatataaccgtgtgtttcatcacagTGTTCAAGAAG  
GAATTGGAGAAGGATGTGGCTGGAGATACTTCAGGGGACTTTGCCAA  
ACTCCTGCTTGCTCTTGTTGAGgtcagtttagcattttgcacactttaactagataaccattaaga  
agtgaactaagatgctaactttttgcttatcatttgaacttctcagGCCAAAAGAGAGCAGTCTA  
GCTCCGTTATTGACTACCAGAGAATTGAT<sup>GAAGATGCCAGAgtaagtcc</sup>

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

<sup>atcg</sup>: Forward/Reverse primer

<sup>atcg</sup>: 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)

CZ1574-forward: 5' ACATTCTAGTCCTCATGCATC 3'

CZ1574-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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