



ppid^{ihb577/+} (CZRC catalog ID: CZ1566)

Nature of the mutation

Between 488 bp to 492 bp of the wild-type *ppid* coding sequence, AGGCC is deleted in exon 4.

Sense Strand Sequence

aatgagacgcagacaaacctgtgtgtgtgtgtcaaatgaagtgggggtttatgaatctgctctgctctttcctcttcagCATGACAG
AGAGGGGCTCCTCAGCATGGCCAACGCAGGTCCAAACACCAACGGCTCGCAGTTT
TTCATTACCACAGTTCCTACGCCACACCTGGATGGAAAACATGTGGTCTTCGGGCA
GGTGCTGAAGGGAATGGGGGTGGTGAAGATGCTGGAGGCCATGGAAACTAAGGA
GGACAATCCCGTGAAGgtgaccacgcaaacatctctttctataaaaaaaatgacatattattccatttcataacatgtta
agtatttctctgtgtcttcag

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

*ppid*_forward: 5' AATGAGACGCAGACAAACCT 3'

*ppid*_reverse: 5' TGAAGACAACAGAGAAATAC 3'

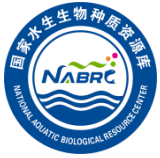
PCR program:

95°C	5min	} 30 Cycles
95°C	30 sec	
55°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

Product size: 358 bp

The sequencing results of the CZ1566:





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)

WT
ihb577

GGTGGTGAAGATGCTGGAGGCCATGGAACTAAGGAGGACAATCCCGTGAAG
GGTGGTGAAGATGCTGG-----ATGGAACTAAGGAGGACAATCCCGTGAAG

Reference:

None

