



igf2bp3^{hza57/+} (CZRC catalog ID: CZ1548)

Nature of the mutation

Between the 141bp and 142bp of the wild-type *igf2bp3* coding sequence, GA is deleted in exon 2.

Sense Strand Sequence

TCCGCTGAGCGACAGTGGG TGCTCTCTACAAACTGCCATCCGAGCGACGCGATAAAGGGCTGCC
TCTCTGCAACACGGTCGCTCATTTCGTATAACAACAAATGAATAAGCTGTACATCGGGAACGTGAGCG
AGCAGGCGAGCGCGCTGGACTTGAAAGTATCTTTGAGCAGTGGAAGATACCTTTCAGTGCTCCCTTC
CTCGTAAAAAGTGGCTACGCGTTTGTGGATTGCCCCGACGAGAAGGTAGCGATGAGGGCCATTGACA
CGCTTTCAGGTGAGACTTTTGTGCGTATGTGATTTGTCCGCCCTTAAATGAAGTACAATGCAACTGTA
GCCTTAACAATTAATGCCTATGCAAAGCAGGGA

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : cas9 target site

Genotyping assay

Primers:

*igf2bp3*_forward: 5' AGTCGCATCGCCAAAGAGTA 3'

*igf2bp3*_reverse: 5' CCTTGCCCTTCAGTGGTTCT 3'

PCR program:

95°C	5min	} 30 Cycles
95°C	30 sec	
58°C	30 sec	
72°C	30 sec	
72°C	8min	
4°C	hold	

Product size: 376 bp

igf2bp3(-2bp)

>WT

GTTTGTGGATTGCCCCGACGAGAAGGTAGCGATGAGGGCCATTGACACGCTTCA





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)

GGTGAGACTTTTGTGCGTATGTGATTTTGTCCGCCCTTAAATGAAGTACAATGCAA
CTGTAGCCTTTAAC

> *igf2bp3*(-2bp)

GTTTGTGGATTGCCCCGACGA--AGGTAGCGATGAGGGCCATTGACACGCTTTCAG
GTGAGACTTTTGTGCGTATGTGATTTTGTCCGCCCTTAAATGAAGTACAATGCAAC
TGTAGCCTTTAAC

Reference:

None

