



***sulf1*^{hza108/+} (CZRC catalog ID: CZ 1463)**

Target Position: exon 2

Sense Strand Sequence

ttgtctgcacacacggagagagacactcaggccttctgactttaagaaagtgtgtctttatgagtgcaggctgaacatttgcgttattgtg
actttggaatctaaaactgcatgctttgtagtaaagtagcacttaataaaaaaggaaagttaatgtattcattgatgcctttaagagg
gcattgtatgtttacttctcagtgaaccattgagttccaatggctgttactgtgcagtgtgaaaattaagttaaaagcagatgcatgatt
tgtcgaaggatctggaattgccgtttgtcttcttaaggtcttttagtctctccaatatttttttacatttgtttggcctcttcggaaaaccaga
agcattaacatctctttgctctttcccgaacagATTACCTTGTGAGGATTCCAACCTTCTGATTTCGCGTT
CGCAGTCCCATGATGCAGCTGGTGAGCCTGGCTTGGATGATGGTCCTGGCCGCC
CAC TGGTCTGCTTTGGTTTCACCACCCGCGGTCAGGGCCTGCGTGGGCGAGTTCA
AGGTGACCGGAGGAACATCAGACCCAACATCATACTCATCATGACAGATGACCA
GGATGTGGAGTTGGg

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg : Forward/Reverse primer

atcg : Crispr/cas9 target site

Genotyping assay

Primers:

sulf1_forward: 5' ttgtctgcacacacggagag3'

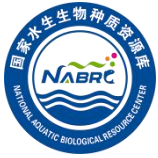
sulf1_reverse: 5' cccaactccacatcctggtc 3'

PCR program:

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

Product size: 631 bp





The sequencing results of the *sulf1*^{hza108/+}:

hza108: 11 bp deletion

```
Query 1  AGCTGGTGAGCCTGGCTTGGATGATGGTCCTGGCCGCCCACTGGTCTGCTTTGGTTTCA 60
Sbjct 1  AGCTGGTGAGCCTGGCTTGGATGATGGTC-----ACTGGTCTGCTTTGGTTTCA 49
Query 61  CCACCCGCGGTCAGGGCCTGCGTGGGCGAGTTCAAG 96
Sbjct 50  CCACCCGCGGTCAGGGCCTGCGTGGGCGAGTTCAAG 85
```

Reference:

None

