

## ***tsu243Tg* (CZRC catalog ID: CZ409)**

### **Nature of the mutation**

The *tsu243Tg* codes for a truncated protein containing EGFP and truncated, and *egfp* was inserted between GGTGT and ACAGC in the wild-type *prpf4* intron 3.

### **Sense Strand Sequence**

tagaacacttttgacttttagc taaccaatgaaataggtttacttttttcttaacgtccattttattctgttaaataataacctgttataaaaag  
taagcatttctttaaataagttattattaggattgctgctttgagaagtacattcaactacaaaaataatttttctgcatcatttattaagaaaaacc  
aaaattgtatttagtttggctgatttactgcccacttctccacaccactgaagaggtgtacagcagaactttggatttattcatcaacaatt  
ccaaatcagtgacatcatcttttactaaactttccaatttactgaattgcctattccatcatcttccatcattgggacattccatcaatgtcc  
caataaaggacaaaacctacttaactgtttatctgttcaggctaataccattacagagagttcagtttaattcaggtgtttattattattctta  
gtttctttgtttcttttacagATTGAGAAACGTTCTTTCAGTACTTGGTCCTGATGCCTTAAAGAA  
ATCCAAGAAAGAGGATGAAAAAGCAAAACGCACTCATGAAGAGgtaggagcatctgcttagtaga  
gtttcactttattatagactaattttgtataaaaaacgtaaggtgattgtatgcagatattttgtgcagatcaacagacatggtaccatgaagga  
cctacatctctgaag

**Uppercase:** Exon/coding sequence

**Lowercase:** intron/noncoding sequence

**atcg:** Forward/Reverse primer

### **Genotyping assay**

#### **Primers:**

**CZ409\_forward:** 5' GTAGAACACTTTTTGACTTTTAGC 3'

**CZ409WT\_reverse:** 5' CTCAGAGATGTAGGTCCTTCATG 3'

**CZ409MUT\_reverse:** 5' ACTCAAGTAAGATTCTAGCCAGA 3'

#### **PCR program:**

95°C 5min

95°C 30 sec

58°C 30 sec

72°C 30 sec

72°C 8min

4°C hold

} 30 Cycles

**Product size:** WT 765 bp MUT 365bp



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### **Reference:**

None