

## ZK0332

Target Position: exon 7

Sense Strand Sequence

caccgtggatggcttaagggttaagtcattacagttaaattgtcattttggattagctaactcattaataattaataat  
ggcttaaagcttgatcacatgactgcacaaaaacagtaaaacttgtagaaatgtgtttgagtaacagagctttgtcgt  
agCTTCCATCACCACCATCATCTGTGACATCGC**GGATAAAGCTCGTCTGATCC**TGGACTGTGTGT  
CTGGCCGGAAGCACAGCGTCACGACTATAGTGATCATGGAGAGCTTTGACAGTGAGCTGACA  
GCACAAGCACAAAAGTGGCATCGACATTATCAGCCTCAAGGAGCTGGAGgtttctctccacac  
gcacacacacacccttctttgtaaatagtgatcccattaaacgtgtattacactgcactaaataaagtctttttttca  
gGCTATTG**GCAAAGCAAACCAAGACAC**

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

**atcg** : Forward/Reverse primer

**atcg** : cas9 target site

### ZK0332a: 5bp deletion

WT	TTCCATCACCACCATCATCTGTGACATCGCGGATAAAGCTCGTCTGATCCTGGACTGTGT
ZK0332a	TTCCATCACCACCATCATCTGTGACATCGCGGATAAAGCTCG-----TCCTGGACTGTGT
	*****
WT	GTCTGGCCGGAAGCACAGCG
ZK0332a	GTCTGGCCGGAAGCACAGCG
	*****