
***Prom1b*^{hzu8/+} (AB) (CZRC catalog ID: CZ1278)**

Nature of mutation

Hzu8 allele was a mutant line, induced by the TALENs in the AB genetic background. 180-183 bp of the wild-type *prom1b* coding sequence, ACCA, is deleted from exon 1.

Genotyping assay

Primers:

Hzu8_forward: 5' TCCGTCCTCCCCTTTTTTCCCTA 3'

Hzu8_reverse: 5' TGGGGAAGGGGTTTGGCTGAA 3'

PCR program:

94°C	4min	} 30 Cycles
94°C	30 sec	
56°C	30 sec	
72°C	30 sec	
72°C	5min	
4°C	hold	

Product size: 299 bp

Reference

Lu Z, Hu X, Reilly J, et al. Deletion of the transmembrane protein *Prom1b* in zebrafish disrupts outer-segment morphogenesis and causes photoreceptor degeneration[J]. *Journal of Biological Chemistry*, 2019, 294(38): 13953-13963.