

***kca3Tg* /+(AB) (CZRC catalog ID: CZ352)**

**Nature of the mutation**

The *kca3Tg* allele was generated by random integration of a fusion notch1-containing construct. This construct utilizes five copies of an optimized UAS from yeast and the minimal E1b promoter to drive the expression of a protein in which six myc epitopes are fused to the intracellular domain of the zebrafish notch1a protein (Scheer and Campos-Ortega 1999).

**Genotyping assay**

**Primers:**

*kca3Tg*\_forward: 5' GAGAGCTTGGGCGACCTCA 3'

*kca3Tg*\_reverse: 5' CGTGCTGCCAGATGAAGTGC 3'

PCR program:

94°C	4min	
94°C	30 sec	} 30 Cycles
59°C	30 sec	
72°C	40 sec	
72°C	5min	
4°C	hold	

**Product size: 539 bp**

**Reference**

Scheer, N. and J. A. Campos-Ortega (1999). "Use of the Gal4-UAS technique for targeted gene expression in the zebrafish." Mechanisms of Development **80**(2): 153-158.