



***tyrosinase*^{ck112a/+ (AB)} (CZRC catalog ID: CZ177)**

Nature of the mutation

The *ck112a* allele contain a indel from 81bp to 82bp of the wildtype coding sequence, C, is changed to TG.

Genotyping assay

Primers:

CZ177-forward: 5'CTCCAGCAGAGTGTAAGCCTC 3'

CZ177-reverse: 5' GCAATCAAACCCCATGTAGT 3'

PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
60°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

Product size: 407bp

The phenotype of homozygous





Reference

Park, J.S., Ryu, J.H., Choi, T.I., Bae, Y.K., Lee, S., Kang, H.J., Kim, C.H. (2016) Innate Color Preference of Zebrafish and Its Use in Behavioral Analyses. *Molecules and cells*. 39(10):750-755

