
***Akt2*^{ihb504/+} (AB) (CZRC catalog ID: CZ466)**

Nature of mutation

Ihb504 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 4 bp deleted (detailed information: <http://zfin.org/ZDB-ALT-170215-6>)

Genotyping assay

Primers:

Ihb504_forward: 5' AGTAAATGGATCTGGATGAATG 3'

Ihb504_reverse: 5' GAGTCAAGGCACTCACCCT 3'

PCR program:

94°C	4min	
94°C	30 sec	} 30 Cycles
55°C	30 sec	
72°C	30 sec	
72°C	5min	
4°C	hold	

Product size: 274 bp

reference

Zhang, D., Wang, J., Zhou, C., Xiao, W. (2017) Zebrafish akt2 is essential for survival, growth, bone development, and glucose homeostasis. *Mechanisms of Development*. 143:42-52