



国家水生生物种质资源库国家斑马鱼资源中心
China Zebrafish Resource Center (CZRC)
National Aquatic Biological Resource Center (NABRC)

***chd*^{tt250/+ (AB)} (CZRC catalog ID: CZ53)**

Nature of the mutation

The *tt250* allele contains a single G-to-A point mutation that leading to false splicing and affect the *chrd* protein. Homozygous mutants started to display brain, eye, nervous system, caudal fin at 2 dpf.

Genotyping assay

Primers:

CZ53-forward: 5' GGCCATTTGAGGCTGATTTGTT 3'

CZ53-reverse: 5' GGGCTACGTTTCCACAATGA 3'

PCR program:

95°C	5min	} 30 cycles
95°C	30sec	
58°C	30sec	
72°C	30sec	
95°C	10min	
4°C	hold	

Product size: 389bp

Reference

Schulte-Merker, S., Lee, K.J., McMahon, A.P., and Hammerschmidt, M. The zebrafish organizer requires chordino. *Nature*.1997, 387(6636):862-863

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