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***slc30a10*<sup>zju11/+</sup> (AB) (CZRC catalog ID: CZ497)**

**Nature of mutation**

Zju11 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 1 bp inserted in Exon 1 (detailed information: <http://zfin.org/ZDB-ALT-171018-1>)

**Genotyping assay**

**Primers:**

Zju11\_forward: 5' ACTCCTTCAACATGCTGTCGGACA3'

Zju11\_reverse: 5' AGCACCTGTTTCCACCTGCT 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: 383 bp**

**reference**

Xia, Z., Wei, J., Li, Y., Wang, J., Li, W., Wang, K., Hong, X., Zhao, L., Chen, C., Min, J., Wang, F. (2017) Zebrafish *slc30a10* deficiency revealed a novel compensatory mechanism of *Atp2c1* in maintaining manganese homeostasis. *PLoS Genetics*. 13:e1006892