
***Ripply3*^{sdu11/+} (AB) (CZRC catalog ID: CZ373)**

Nature of mutation

sdu11 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 23 bp to 38 bp of the wildtype ripply3 exon1 coding sequence, CGGATCAGGCGCTCAG, and the following 53-bp intron sequence are deleted. This mutation may lead to mis-splicing of the ripply3 transcript.

Genotyping assay

Primers:

Sdu11_forward: 5' TATCAATCCAAAATCCAGTGC 3'

Sdu11_reverse: 5' TTGTGTCCTCGAGCCTCTGT 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: 342 bp