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***rippy2*<sup>sdu10/+</sup> (AB) (CZRC catalog ID: CZ372)**

**Nature of mutation**

sdu10 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 61 bp to 71 bp of the wildtype *rippy2* coding sequence, AGACCCTGGCT, is mutated into TTGACC. The mutated *rippy2* codes for a truncated protein containing 32 aa, 20 aa of which is identical to wildtype *rippy2*.

**Genotyping assay**

**Primers:**

Sdu10\_forward: 5' CAGACTTCAGCACGAGCATC 3'

Sdu10\_reverse: 5' TGTTTCATCATCGGCTGGTC 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: 409 bp**