
***Myo18ab*^{sdu13/+} (AB) (CZRC catalog ID: CZ375)**

Nature of mutation

sdu13 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 928 bp to 934 bp of the wildtype myo18ab coding sequence, GGCAGTC, is deleted. The mutated myo18ab codes for a truncated protein containing 323 aa, 309 aa of which is identical to wildtype myo18ab.

Genotyping assay

Primers:

Sdu13_forward: 5' TGAAGTTCGGGAGTTGGT 3'

Sdu13_reverse: 5' CCATTCACAGCCTGTCA 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: 618 bp