
***Myo18aa*^{sdu12/+} (AB) (CZRC catalog ID: CZ374)**

Nature of mutation

sdu12 allele was a mutant line, induced by the TALENs in the AB genetic background. 1054 bp to 1070 bp of the wildtype myo18aa coding sequence, TGGCTCGTCCATAAAGA, is deleted. The mutated myo18aa codes for a truncated protein containing 377 aa, 351 aa of which is identical to wildtype myo18aa.

Genotyping assay

Primers:

Sdu12_forward: 5' GTGTGCATTGCACTGCAGTA 3'

Sdu12_reverse: 5' CTCTGGGAGAGATCCTGTGTC 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: 398 bp