
***admp*^{ioz10/+} (AB) (CZRC catalog ID: CZ345)**

Nature of mutation

ioz10 allele was a mutant line, induced by the CRISPR-cas9 in the TU genetic background. 132-142 bp of the wildtype *admp* coding sequence is deleted. The mutated *admp* codes for a truncated protein containing 72 aa, 43 aa of which is identical to wildtype *admp*.

Genotyping assay

Primers:

Iozi10_forward: 5' TCATGTTGTATGCAATGTTC 3'

Iozi10_reverse: 5' GTGACTCCGTCGACATCAGC 3'

PCR program:

| | | |
|------|--------|-------------|
| 94°C | 4min | |
| 94°C | 30 sec | } 30 Cycles |
| 52°C | 30 sec | |
| 72°C | 30 sec | |
| 72°C | 5min | |
| 4°C | hold | |

Product size: 250 bp