

dixdc1b^{sdu19/+} (CZRC catalog ID: CZ381)

Nature of the mutation

sdu19 allele was a mutant line, induced by the TALENs in the AB genetic background. “gCTGGTGAGCT” deletion at the junction of intron2 and exon3 at the wildtype *dixdc1b* coding sequence.

Genotyping assay

Primers:

CZ381-forward: 5' CACATGGCTCCTAAATTGCAT 3'

CZ381-reverse: 5' CGTGATTAGTAGCCTGCTTTAC 3'

PCR program:

95°C 5min

95°C 30sec

58°C 30sec

72°C 30sec

95°C 10min

4°C hold

} 30 cycles

Product size: 432bp

The sequencing results of the parents:

CZ381(-/-):

0 230 240 250 260 270
T G T T T C T T C A T T T G T G A A G C T G G A T G G C A T T T A T T A T G A G C C A C G G G A C G A T C A G

