

***ecsit*^{sdu14/+} (AB) (CZRC catalog ID: CZ376)**

Nature of mutation

sdu14 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. 902 bp to 921 bp of the wildtype *ecsit* coding sequence, AAGGCCCATATCCACTGTGG, is deleted. The mutated *ecsit* codes for a truncated protein containing 318 aa, 300 aa of which is identical to wildtype *ecsit*.

Genotyping assay

Primers:

Sdu14_forward: 5' AGAGCCTATCGCATCTTTCA 3'

Sdu14_reverse: 5' AGTAGCCCGATGCCAGTA 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: 197 bp