
***Stat3*^{ihb212/+} (AB) (CZRC catalog ID: CZ388)**

Nature of mutation

Ihb212 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 139 bp to 146 bp of the wild-type stat3 coding sequence, GCCAACAA, is deleted. The mutated stat3 codes for a truncated protein containing 166 aa, 46 aa of which is identical to wildtype stat3.

Genotyping assay

Primers:

Ihb212_forward: 5' TTGTCTCAGGACAACGTGAAG 3'

Ihb212_reverse: 5' CTGCACATTGCTTGTACAATG 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: 676 bp