
***Il6*^{ihb353/+} (AB) (CZRC catalog ID: CZ1259)**

Nature of mutation

Ihb353 allele was a mutant line, induced by the CRISPR-cas9 in the AB genetic background. Between 193 bp to 204 bp of the wild-type *il6* coding sequence, CTGTACAAGGAC, is mutated into GA. The mutated *il6* codes for a truncated protein containing 65 aa, 64 aa of which is identical to wildtype *il6*.

Genotyping assay

Primers:

Ihb353_forward: 5' CAGTGCTATTCCTGTCTGCTAC 3'

Ihb353_reverse: 5' TAACTGGGTTACTCGTTTTGAGT 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: 393 bp

NOTE: Unpublished material, further MTA (MATERIAL TRANSFER AGREEMENT (For Non-Profit Recipients), attached) needed from the Yong-Hua Sun Lab.