

CZ234:ihb114Tg/+(AB)

Nature of the transgene

The *ihb114Tg* allele was generated by random integration of pT2(AC-zCas9B-AT) construct.

Genotyping assay

Genotyping of the *ihb114Tg* allele is based on the PCR assay.

Primers:

F: 5' GGGCTGAGGATGGTGTTTC3'

R: 5' TTGATGCTGTGCCTGTCG 3'

PCR program:

1. 94°C for 3 min
2. 94°C for 30 sec
3. 58°C for 30 sec
4. 72°C for 50 sec
5. Go to step 2 (above) for 29 cycles
6. 72°C for 5 min
7. 12.0°C hold

Product size: 700bp.