

## ***CZ325:ihb151Tg/+(AB)***

### **Nature of the transgene**

The *ihb151Tg* allele was generated by eGFP mutation in *ihb8Tg* strain. The *ihb8Tg* allele was generated by random integration of pT2(kop:KalTA4-UTRnanos3,CMV:EGFP) construct.

### **Genotyping assay**

Genotyping of the *ihb151Tg* allele is based on the PCR assay.

### **Primers:**

F: 5' GGGACTTTCCAAAATGTCG3'

R: 5' TGCCGTTCTTCTGCTTGTC 3'

### **PCR program:**

1. 94°C for 3 min
2. 94°C for 30 sec
3. 57°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:** 648bp.