

# **CZ88:Tg(-1.5hsp70l:Gal4)<sup>kca4Tg/+</sup>**

## **Nature of the line**

The *kca4Tg* allele is a transgenic line and the transgenic construct contains a GAL4 expression cassette driven by heat shock protein promoter hsp70l.

## **Genotyping assay**

Genotyping of the *kca4Tg* allele is based on the PCR assay.

## **Primers:**

F: 5' CCGCTGACTAGGGCACAT 3'

R: 5' GACGGCATCTTTATTACATTA 3'

## **PCR program:**

1. 94°C for 3 min
2. 94°C for 30 sec
3. 56°C for 30 sec
4. 72°C for 30 sec
5. Go to step 2 (above) for 29 cycles
6. 72°C for 5 min
7. 12.0°C hold

**Product size:** 180 bp.