

CZ87:Tg(hsp70l:GFP)^{mik6Tg/+}

Nature of the line

The *mik6Tg* allele is a transgenic line and the transgenic construct contains a GFP expression cassette driven by heat shock protein promoter hsp70l.

Genotyping assay

Genotyping of the *mik6Tg* allele is based on the PCR assay.

Primers:

F: 5' TGAGCAAGGGCGAGGAGC 3'

R: 5' CTCGATGCGGTTCCACCAG 3'

PCR program:

1. 94°C for 3 min
2. 94°C for 30 sec
3. 60°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: 371bp .