



## ***rk8Tg/+* (AB) (CZRC Catalog ID: CZ89)**

### **Nature of the line**

The *rk8Tg* allele is a transgenic line and the transgenic construct contains a Kaede expression cassette driven by UAS.

### **Genotyping assay**

Genotyping of the *rk8Tg* allele is based on the PCR assay.

### **Primers:**

F: 5' TATGGAAGGCAATGTAAACG 3'

R: 5' AGTTCTGAAGTCACATCGGTAA 3'

### **PCR program:**

1. 94°C for 3 min
2. 94°C for 30 sec
3. 55°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:** 487bp.

### **Reference:**

Tallafuss A, Gibson D, Morcos P, Li Y, Seredick S, Eisen J, Washbourne P: **Turning gene function ON and OFF using sense and antisense photo-morpholinos in zebrafish.** *Development* 2012, **139**(9):1691-1699.

