

# **CZ349:pd1Tg/+(AB)**

## **Nature of the transgene**

The *pd1Tg* allele was generated by random integration of pT2(hsp70l:dnfgr1a-EGFP) construct.

## **Genotyping assay**

Genotyping of the *pd1Tg* 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 .

## **Reference:**

Nguyen-Chi, M.E., Bryson-Richardson, R., Sonntag, C., Hall, T.E., Gibson, A., Sztal, T., Chua, W., Schilling, T.F., and Currie, P.D. (2012). Morphogenesis and cell fate determination within the adaxial cell equivalence group of the zebrafish myotome. PLoS Genet 8, e1003014.