

***ihb327Tg/+* (CZRC catalog ID: CZ1229)**

Nature of the transgene

The *ihb327Tg* allele was generated by random integration of *Tg(piwil1:EGFP-UTRnanos3)* construct.

Genotyping assay

Genotyping of the *ihb327Tg* allele is based on the PCR assay.

Primers:

CZ1229-forward: 5' TCGGAATGTCAATACACCTT 3'

CZ1229-reverse: 5' GTCTTGTAGTTGCCGTCGTC 3'

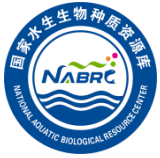
PCR program:

95°C	5min	} 30 cycles
95°C	30sec	
58°C	30sec	
72°C	30sec	
95°C	10min	
4°C	hold	

Product size: 649bp

Genotyping of the *Tg(piwil1:EGFP-UTRnanos3)* allele is based on the fluorescent microscopy. The green fluorescent protein expression was observed in PGCs at approximately 1 dpf.





国家水生生物种质资源库国家斑马鱼资源中心
China Zebrafish Resource Center (CZRC)
National Aquatic Biological Resource Center (NABRC)

CITATIONS

Ye, D., Zhu, L., Zhang, Q., Xiong, F., Wang, H., Wang, X., He, M., Zhu, Z., Sun, Y. (2019) Abundance of Early Embryonic Primordial Germ Cells Promotes Zebrafish Female Differentiation as Revealed by Lifetime Labeling of Germline. *Mar. Biotechnol.* 21(2):217-228.

