

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pYTRW21K_1Ti1

RRID:Addgene_177291

Type: Plasmid

Proper Citation

RRID:Addgene_177291

Plasmid Information

URL: <http://www.addgene.org/177291>

Proper Citation: RRID:Addgene_177291

Insert Name: eYFP

Organism: Aequorea victoria

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:37333445](#)

Vector Backbone Description: Backbone Size:10418; Vector Backbone:pYTRW20K_0Ti1; Vector Types:Bacterial Expression, Synthetic Biology, Yeast Expression, rrn genomic integration; Bacterial Resistance:Kanamycin

Comments: Part of the pYT vector series which facilitates chromosomal interposon integration in rrn "landing pads" with selection on tetracycline and transcriptional reporter eYFP (<https://www.fpbases.org/protein/eyfp/>; methods: flow cytometry, fluorescence visualisation, fluorescence measurements). Target genes can be inserted at the I-SceI site. Note that vector pYTRW026K_1Ti1 is additionally equipped with SacB for counter selection.

Plasmid Name: pYTRW21K_1Ti1

Record Creation Time: 20250820T051820+0000

Record Last Update: 20260912T094430+0000

Ratings and Alerts

No rating or validation information has been found for pYTRW21K_1Ti1.

No alerts have been found for pYTRW21K_1Ti1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.