

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

pYTRW13K_3G5

RRID:Addgene_177287

Type: Plasmid

Proper Citation

RRID:Addgene_177287

Plasmid Information

URL: <http://www.addgene.org/177287>

Proper Citation: RRID:Addgene_177287

Insert Name: mCherry

Organism: Discosoma sp.

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:37333445](#)

Vector Backbone Description: Backbone Size:10451; Vector Backbone:pYTRW07K_0G5; Vector Types:Bacterial Expression, Synthetic Biology, Yeast Expression, Tn5 genomic integration; Bacterial Resistance:Kanamycin

Comments: Part of the pYT vector series which facilitates chromosomal integration via Tn5 transposition with selection on gentamicin and transcriptional reporter mCherry (<https://www.fpbases.org/protein/mcherry/>; methods: flow cytometry, fluorescence visualisation, fluorescence measurements). Target genes can be inserted at the I-SceI site.

Plasmid Name: pYTRW13K_3G5

Record Creation Time: 20250820T051820+0000

Record Last Update: 20260912T094430+0000

Ratings and Alerts

No rating or validation information has been found for pYTRW13K_3G5.

No alerts have been found for pYTRW13K_3G5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.