

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

pTrex-Neo-tdTomato

RRID:Addgene_47975

Type: Plasmid

Proper Citation

RRID:Addgene_47975

Plasmid Information

URL: <http://www.addgene.org/47975>

Proper Citation: RRID:Addgene_47975

Insert Name: tdTomato

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:20644616](#)

Vector Backbone Description: Backbone Marker:Martin P. Vazquez; Backbone Size:6200; Vector Backbone:pTrex-Neo; Vector Types:Trypanosoma cruzi expression; Bacterial Resistance:Ampicillin

Comments: Shaner NC, Campbell RE, Steinbach PA, Giepmans BN, Palmer AE, Tsien RY. Improved monomeric red, orange and yellow fluorescent proteins derived from *Discosoma* sp. red fluorescent protein. *Nat Biotechnol.* 2004;22:1567–1572 Vazquez MP, Levin MJ (1999) Functional analysis of the intergenic regions of TcP2beta gene loci allowed the construction of an improved *Trypanosoma cruzi* expression vector. *Gene* 239: 217–225. doi: 10.1016/S0378-1119(99)00386-8.

Plasmid Name: pTrex-Neo-tdTomato

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260815T081547+0000

Ratings and Alerts

No rating or validation information has been found for pTrex-Neo-tdTomato.

No alerts have been found for pTrex-Neo-tdTomato.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

De Grandis S, et al. (2026) Revisiting cysteine protease function in *Trypanosoma cruzi*: implications for parasite egress and differentiation. *Microbiology spectrum*, 14(6), e0413225.

Sánchez-Valdéz F, et al. (2019) In Situ Detection of Dormant *Trypanosoma cruzi* Amastigotes Using Bioluminescent-Fluorescent Reporters. *Methods in molecular biology* (Clifton, N.J.), 1955, 179.

Sánchez-Valdéz FJ, et al. (2018) Spontaneous dormancy protects *Trypanosoma cruzi* during extended drug exposure. *eLife*, 7.