

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

pTdTomato-L5

RRID:Addgene_140994

Type: Plasmid

Proper Citation

RRID:Addgene_140994

Plasmid Information

URL: <http://www.addgene.org/140994>

Proper Citation: RRID:Addgene_140994

Insert Name: tdTomato

Organism: Discosoma

Bacterial Resistance: Streptomycin

Defining Citation: [PMID:32829077](#)

Vector Backbone Description: Vector Backbone:pmV361-strep; Vector Types:Bacterial Expression; Bacterial Resistance:Streptomycin

Comments: tdTomato: Improved monomeric red, orange and yellow fluorescent proteins derived from Discosoma sp. red fluorescent protein Shaner Nc, Campbell Re, Steinbach Pa, Giepmans Bng, Palmer Ae, Tsien Ry (2004). Nature Biotechnology, 22(12) , 1567-1572. doi: 10.1038/nbt1037.

Plasmid Name: pTdTomato-L5

Record Creation Time: 20220422T221813+0000

Record Last Update: 20260902T042016+0000

Ratings and Alerts

No rating or validation information has been found for pTdTomato-L5.

No alerts have been found for pTdTomato-L5.

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 [PRECISE-TBI](#) .

Lissner R, et al. (2026) A new role for lipoproteins LpqZ and FecB in orchestrating mycobacterial cell envelope biogenesis. mBio, 17(1), e0211925.

Cazzaniga G, et al. (2025) Nanoenabling MbtI Inhibitors for Next-Generation Tuberculosis Therapy. Journal of medicinal chemistry, 68(5), 5312.

Mori M, et al. (2022) Synthesis and Assessment of the In Vitro and Ex Vivo Activity of Salicylate Synthase (MbtI) Inhibitors as New Candidates for the Treatment of Mycobacterial Infections. Pharmaceuticals (Basel, Switzerland), 15(8).