

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 12, 2026

EB1-tdTomato

RRID:Addgene_50825

Type: Plasmid

Proper Citation

RRID:Addgene_50825

Plasmid Information

URL: <http://www.addgene.org/50825>

Proper Citation: RRID:Addgene_50825

Insert Name: EB1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:5443; Vector Backbone:tdTomato-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: We received the EB1 construct from Yuko Mimori-Kiyosue (RIKEN, Kobe, Japan) originally and replaced the GFP with tdTomato. There is a 4x Gly linker between the EB1 and the tdTomato.

Plasmid Name: EB1-tdTomato

Record Creation Time: 20220422T222300+0000

Record Last Update: 20260808T081758+0000

Ratings and Alerts

No rating or validation information has been found for EB1-tdTomato.

No alerts have been found for EB1-tdTomato.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kletter T, et al. (2025) Cell state-specific cytoplasmic density controls spindle architecture and scaling. Nature cell biology, 27(6), 959.

Gao L, et al. (2021) A Robust, GFP-Orthogonal Photoswitchable Inhibitor Scaffold Extends Optical Control over the Microtubule Cytoskeleton. Cell chemical biology, 28(2), 228.