

# Resource Summary Report

Generated by [RRID](#) on Aug 22, 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:** 20260815T081609+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 [RRID](#) .

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.