

Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

dTomato-2xrGBD

RRID:Addgene_129625

Type: Plasmid

Proper Citation

RRID:Addgene_129625

Plasmid Information

URL: <http://www.addgene.org/129625>

Proper Citation: RRID:Addgene_129625

Insert Name: dTomato-2xrGBD

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34357388](#)

Vector Backbone Description: Backbone Marker:Clontech; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Please visit <https://www.biorxiv.org/content/10.1101/2021.02.08.430250v1> for bioRxiv preprint.

Plasmid Name: dTomato-2xrGBD

Record Creation Time: 20220422T221720+0000

Record Last Update: 20260808T080733+0000

Ratings and Alerts

No rating or validation information has been found for dTomato-2xrGBD.

No alerts have been found for dTomato-2xrGBD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kunitomi A, et al. (2026) Solo regulates the localization and activity of LARG for actin cytoskeletal remodeling in cell-substrate adhesions. *Molecular biology of the cell*, 37(4), ar34.

Balafouti S, et al. (2025) Tension-sensitive LINC-RhoA signaling prevents chromatin bridge breakage in cytokinesis. *The EMBO journal*, 44(20), 5834.

Boulton DP, et al. (2024) MIRO2 promotes cancer invasion and metastasis via MYO9B suppression of RhoA activity. *Cell reports*, 44(1), 115120.

Marshall-Burghardt S, et al. (2024) Excitable Rho dynamics control cell shape and motility by sequentially activating ERM proteins and actomyosin contractility. *Science advances*, 10(36), eadn6858.

Mahlandt EK, et al. (2023) Cell-based optimization and characterization of genetically encoded location-based biosensors for Cdc42 or Rac activity. *Journal of cell science*, 136(10).

Wang C, et al. (2023) Mechanosensitive accumulation of non-muscle myosin IIB during mitosis requires its translocation activity. *iScience*, 26(10), 107773.