

# Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

## dimericTomato-2xrGBD

RRID:Addgene\_176098

Type: Plasmid

### Proper Citation

RRID:Addgene\_176098

### Plasmid Information

**URL:** <http://www.addgene.org/176098>

**Proper Citation:** RRID:Addgene\_176098

**Insert Name:** rhotekin

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:34357388](#)

**Vector Backbone Description:** Vector Backbone:pLV; Vector Types:Lentiviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** dimericTomato-2xrGBD

**Record Creation Time:** 20220422T222017+0000

**Record Last Update:** 20260725T074319+0000

### Ratings and Alerts

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

No alerts have been found for dimericTomato-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 [NIF](#) .

Hayase J, et al. (2025) E- and N-cadherin drive hepatic polarity and lumen elongation via opposing effects on RhoA activity. bioRxiv : the preprint server for biology.

Fan S, et al. (2025) CRB3 and NF2 orchestrate cytoskeletal dynamics to control epithelial barrier assembly. JCI insight, 10(20).

Fan S, et al. (2025) Crb3 and NF2: A dynamic duo that controls assembly of the apical junctions and barrier function via Rho/ROCK signaling. bioRxiv : the preprint server for biology.

McClellan B, et al. (2024) Flotillin-1 palmitoylation is essential for its stability and subsequent tumor promoting capabilities. Oncogene, 43(14), 1063.

Goupil E, et al. (2024) OSGN-1 is a conserved flavin-containing monooxygenase required to stabilize the intercellular bridge in late cytokinesis. Proceedings of the National Academy of Sciences of the United States of America, 121(11), e2308570121.

Nguyen TP, et al. (2024) Tight junction membrane proteins regulate the mechanical resistance of the apical junctional complex. The Journal of cell biology, 223(5).