

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 13, 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: 20260808T081302+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 7 mentions in open access literature.

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

Hayase J, et al. (2026) E- and N-cadherin drive hepatic polarity and lumen elongation via opposing effects on RhoA activity. *The Journal of cell biology*, 225(8).

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).