

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

pDestTol2CG2-mnx1:mCherry-PA-Rac1

RRID:Addgene_169044

Type: Plasmid

Proper Citation

RRID:Addgene_169044

Plasmid Information

URL: <http://www.addgene.org/169044>

Proper Citation: RRID:Addgene_169044

Insert Name: PA-Rac-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32516597](#)

Vector Backbone Description: Backbone Marker:Chi-Bin Chien lab; Backbone Size:7796; Vector Backbone:pDestTol2CG2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pDestTol2CG2-mnx1:mCherry-PA-Rac1

Relevant Mutation: Rac1 starts at I4 and contains mutations Q61L, E91H and N92H (results in the photoactivatable analogue of Rac1). L514K, L531K mutations in LOV domain reduce background activation.

Record Creation Time: 20220422T221947+0000

Record Last Update: 20260808T081208+0000

Ratings and Alerts

No rating or validation information has been found for pDestTol2CG2-mnx1:mCherry-PA-Rac1.

No alerts have been found for pDestTol2CG2-mnx1:mCherry-PA-Rac1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.