

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

pBabe-TetCMV-puro-mVenus-PA-Rac1-C450A

RRID:Addgene_22023

Type: Plasmid

Proper Citation

RRID:Addgene_22023

Plasmid Information

URL: <http://www.addgene.org/22023>

Proper Citation: RRID:Addgene_22023

Insert Name: mVenus-PA-Rac1-C450A

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:19693014](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pBabe-TetCMV-puro; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Protocols for production and use of Hahn lab biosensors and photoactivatable proteins can be found on their web page, at the URL below. If you have suggestions for the protocols or have any questions, please feel free to contact the Hahn lab. Good luck with your experiments! Hahn lab biosensor protocol: <http://www.hahnlab.com/tools/index.html> Please note, Addgene has not confirmed all the mutations associated with this construct. We suggest sequence verifying this plasmid upon receipt.

Plasmid Name: pBabe-TetCMV-puro-mVenus-PA-Rac1-C450A

Relevant Mutation: The LOV domain contains the mutation C450A.Rac1 starts at I4 and contains mutations Q61L, E91H and N92H.

Record Creation Time: 20220422T222057+0000

Record Last Update: 20260725T074429+0000

Ratings and Alerts

No rating or validation information has been found for pBabe-TetCMV-puro-mVenus-PA-Rac1-C450A.

No alerts have been found for pBabe-TetCMV-puro-mVenus-PA-Rac1-C450A.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.