

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

H2A-mTurquoise-RAC1-G12V-deltaCAAX

RRID:Addgene_176095

Type: Plasmid

Proper Citation

RRID:Addgene_176095

Plasmid Information

URL: <http://www.addgene.org/176095>

Proper Citation: RRID:Addgene_176095

Insert Name: RAC1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:34357388](#)

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

Plasmid Name: H2A-mTurquoise-RAC1-G12V-deltaCAAX

Relevant Mutation: G12V

Record Creation Time: 20220422T222017+0000

Record Last Update: 20260902T042951+0000

Ratings and Alerts

No rating or validation information has been found for H2A-mTurquoise-RAC1-G12V-deltaCAAX.

No alerts have been found for H2A-mTurquoise-RAC1-G12V-deltaCAAX.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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).