

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

YFP-Rac1(H40,L61)

RRID:Addgene_11403

Type: Plasmid

Proper Citation

RRID:Addgene_11403

Plasmid Information

URL: <http://www.addgene.org/11403>

Proper Citation: RRID:Addgene_11403

Insert Name: ras-related C3 botulinum toxin substrate 1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:15169870](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4731; Vector Backbone:pEYFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Expresses Rac1(H40, 61L) with an N-terminal YFP marker. YFP is the monomeric (A207K) version of Citrine, a pH-insensitive YFP.

Plasmid Name: YFP-Rac1(H40,L61)

Relevant Mutation: Obtained with Glutamine 61 mutated to Leucine. Then mutated Tyrosine 40 to Histidine.

Record Creation Time: 20220422T221557+0000

Record Last Update: 20260815T080218+0000

Ratings and Alerts

No rating or validation information has been found for YFP-Rac1(H40,L61).

No alerts have been found for YFP-Rac1(H40,L61).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.