

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pDONR223_PIK3CA_p.H1047R

RRID:Addgene_82824

Type: Plasmid

Proper Citation

RRID:Addgene_82824

Plasmid Information

URL: <http://www.addgene.org/82824>

Proper Citation: RRID:Addgene_82824

Insert Name: PIK3CA

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:27478040](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Vector Backbone:pDONR223; Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Comments: CLOSED (stop codon immediately follows insert)

Plasmid Name: pDONR223_PIK3CA_p.H1047R

Relevant Mutation: H1047R

Record Creation Time: 20220422T222537+0000

Record Last Update: 20260815T082059+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_PIK3CA_p.H1047R.

No alerts have been found for pDONR223_PIK3CA_p.H1047R.

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 [RRID](#) .

Bonazzoli E, et al. (2019) PI3K oncogenic mutations mediate resistance to afatinib in HER2/neu overexpressing gynecological cancers. Gynecologic oncology, 153(1), 158.