

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[pDONR223_KRAS_p.G12Y](#)

RRID:Addgene_82799

Type: Plasmid

Proper Citation

RRID:Addgene_82799

Plasmid Information

URL: <http://www.addgene.org/82799>

Proper Citation: RRID:Addgene_82799

Insert Name: KRAS

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_KRAS_p.G12Y

Relevant Mutation: G12Y

Record Creation Time: 20220422T222537+0000

Record Last Update: 20260829T081136+0000

Ratings and Alerts

No rating or validation information has been found for pDONR223_KRAS_p.G12Y.

No alerts have been found for pDONR223_KRAS_p.G12Y.

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](#) .

McFall T, et al. (2021) Identification of RAS mutant biomarkers for EGFR inhibitor sensitivity using a systems biochemical approach. Cell reports, 37(11), 110096.