

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

Hs.KRAS4b G12S

RRID:Addgene_83144

Type: Plasmid

Proper Citation

RRID:Addgene_83144

Plasmid Information

URL: <http://www.addgene.org/83144>

Proper Citation: RRID:Addgene_83144

Insert Name: KRAS

Organism: Homo sapiens

Bacterial Resistance: Spectinomycin

Vector Backbone Description: Backbone Size:2693; Vector Backbone:pDonor-255;
Vector Types:Gateway Cloning; Bacterial Resistance:Spectinomycin

Plasmid Name: Hs.KRAS4b G12S

Relevant Mutation: G12S

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260815T082102+0000

Ratings and Alerts

No rating or validation information has been found for Hs.KRAS4b G12S.

No alerts have been found for Hs.KRAS4b G12S.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 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.

Zhou H, et al. (2021) Sensitive Detection of KRAS Mutations by Clustered Regularly Interspaced Short Palindromic Repeats. Diagnostics (Basel, Switzerland), 11(1).