

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

Hs.KRAS4b G12V

RRID:Addgene_83132

Type: Plasmid

Proper Citation

RRID:Addgene_83132

Plasmid Information

URL: <http://www.addgene.org/83132>

Proper Citation: RRID:Addgene_83132

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 G12V

Relevant Mutation: G12V

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260829T081148+0000

Ratings and Alerts

No rating or validation information has been found for Hs.KRAS4b G12V.

No alerts have been found for Hs.KRAS4b G12V.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Pavic K, et al. (2025) Proteomics- and BRET- screens identify SPRY2 as a Ras effector that impacts its membrane organization. iScience, 28(12), 113974.

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

McFall T, et al. (2019) A systems mechanism for KRAS mutant allele-specific responses to targeted therapy. Science signaling, 12(600).