Resource Summary Report

Generated by RRID on Aug 20, 2026

Hs.KRAS4b G12D

RRID:Addgene_83131
Type: Plasmid

Proper Citation

RRID:Addgene_83131

Plasmid Information

URL: http://www.addgene.org/83131

Proper Citation: RRID:Addgene_83131

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 G12D

Relevant Mutation: G12D

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260815T082102+0000

Ratings and Alerts

No rating or validation information has been found for Hs.KRAS4b G12D.

No alerts have been found for Hs.KRAS4b G12D.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Glorieux C, et al. (2022) Cisplatin and gemcitabine exert opposite effects on immunotherapy with PD-1 antibody in K-ras-driven cancer. Journal of advanced research, 40, 109.

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

Lee SH, et al. (2020) The Combination of Loss of ALDH1L1 Function and Phenformin Treatment Decreases Tumor Growth in KRAS-Driven Lung Cancer. Cancers, 12(6).

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