

Resource Summary Report

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

Hs.KRAS4b

RRID:Addgene_83129

Type: Plasmid

Proper Citation

RRID:Addgene_83129

Plasmid Information

URL: <http://www.addgene.org/83129>

Proper Citation: RRID:Addgene_83129

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

Record Creation Time: 20220422T222538+0000

Record Last Update: 20260815T082102+0000

Ratings and Alerts

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

No alerts have been found for Hs.KRAS4b.

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](#) .

Cuevas-Navarro A, et al. (2023) RAS-dependent RAF-MAPK hyperactivation by pathogenic RIT1 is a therapeutic target in Noonan syndrome-associated cardiac hypertrophy. *Science advances*, 9(28), eadf4766.

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).