

Resource Summary Report

Generated by [dkNET](#) on Sep 20, 2026

pcDNA3.1-YFP-KRAS4B

RRID:Addgene_112718

Type: Plasmid

Proper Citation

RRID:Addgene_112718

Plasmid Information

URL: <http://www.addgene.org/112718>

Proper Citation: RRID:Addgene_112718

Insert Name: YFP-KRAS4B

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29336889](#)

Vector Backbone Description: Backbone Marker:ThermoFisher Scientific; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1-YFP-KRAS4B

Record Creation Time: 20220422T221550+0000

Record Last Update: 20260919T090534+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1-YFP-KRAS4B.

No alerts have been found for pcDNA3.1-YFP-KRAS4B.

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 [dkNET](#) .

Tiwari A, et al. (2025) Synergistic RAS-MAPK and AKT Activation in MYC-Driven Tumors via Adjacent PVT1 Rearrangements. bioRxiv : the preprint server for biology.

Bao L, et al. (2022) The cellular function of ROP GTPase prenylation is important for multicellularity in the moss *Physcomitrium patens*. Development (Cambridge, England), 149(12).

Shi H, et al. (2021) TAK1 Phosphorylates RASSF9 and Inhibits Esophageal Squamous Tumor Cell Proliferation by Targeting the RAS/MEK/ERK Axis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 8(5), 2001575.