

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

pRK5-HA-Ubiquitin-K63

RRID:Addgene_17606

Type: Plasmid

Proper Citation

RRID:Addgene_17606

Plasmid Information

URL: <http://www.addgene.org/17606>

Proper Citation: RRID:Addgene_17606

Insert Name: Ubiquitin C

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:15728840](https://pubmed.ncbi.nlm.nih.gov/15728840/)

Vector Backbone Description: Backbone Size:4800; Vector Backbone:pRK5-HA; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pRK5-HA-Ubiquitin-K63

Relevant Mutation: K63 only, other lysines mutated to arginines. Enhances G76-K63-linked polyubiquitination.

Record Creation Time: 20220422T222016+0000

Record Last Update: 20220422T223346+0000

Ratings and Alerts

No rating or validation information has been found for pRK5-HA-Ubiquitin-K63.

No alerts have been found for pRK5-HA-Ubiquitin-K63.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 36 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chen Y, et al. (2024) DUB3 is a MAGEA3 deubiquitinase and a potential therapeutic target in hepatocellular carcinoma. *iScience*, 27(3), 109181.

Pan Q, et al. (2024) Periodic changes of cyclin D1 mRNA stability are regulated by PC4 modifications in the cell cycle. *The Journal of cell biology*, 223(3).

Chen Y, et al. (2024) HSV-1-induced N6-methyladenosine reprogramming via ICP0-mediated suppression of METTL14 potentiates oncolytic activity in glioma. *Cell reports*, 43(10), 114756.

Mijatovic E, et al. (2024) Cellular turnover and degradation of the most common missense cystathionine beta-synthase variants causing homocystinuria. *Protein science : a publication of the Protein Society*, 33(8), e5123.

Ritchie C, et al. (2024) PELI2 is a negative regulator of STING signaling that is dynamically repressed during viral infection. *Molecular cell*, 84(13), 2423.

Miranda A, et al. (2024) N-MYC impairs innate immune signaling in high-grade serous ovarian carcinoma. *Science advances*, 10(20), eadj5428.

Schiefer S, et al. (2024) Proximal protein landscapes of the type I interferon signaling cascade reveal negative regulation by PJA2. *Nature communications*, 15(1), 4484.

Sun Y, et al. (2024) Oncolytic Newcastle disease virus induced degradation of YAP through E3 ubiquitin ligase PRKN to exacerbate ferroptosis in tumor cells. *Journal of virology*, 98(3), e0189723.

Sun H, et al. (2024) USP5 Promotes Ripretinib Resistance in Gastrointestinal Stromal Tumors by MDH2 Deubiquitination. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 11(34), e2401171.

Yang W, et al. (2024) Targeting SNRNP200-induced splicing dysregulation offers an immunotherapy opportunity for glycolytic triple-negative breast cancer. *Cell discovery*, 10(1), 96.

Li Y, et al. (2024) RNF166 promotes colorectal cancer progression by recognizing and destabilizing poly-ADP-ribosylated angiomotins. *Cell death & disease*, 15(3), 211.

Xia J, et al. (2024) An apicoplast-localized deubiquitinase contributes to the cell growth and apicoplast homeostasis of *Toxoplasma gondii*. *Veterinary research*, 55(1), 10.

Xu H, et al. (2024) FLOT2 promotes nasopharyngeal carcinoma progression through suppression of TGF- β pathway via facilitating CD109 expression. *iScience*, 27(1), 108580.

Saha B, et al. (2024) TBK1 is ubiquitinated by TRIM5 β to assemble mitophagy machinery. *Cell reports*, 43(6), 114294.

Chen Z, et al. (2024) Suppression of Skp2 contributes to sepsis-induced acute lung injury by enhancing ferroptosis through the ubiquitination of SLC3A2. *Cellular and molecular life sciences : CMLS*, 81(1), 325.

Zhang X, et al. (2024) Pseudorabies Virus UL4 protein promotes the ASC-dependent inflammasome activation and pyroptosis to exacerbate inflammation. *PLoS pathogens*, 20(9), e1012546.

Xia M, et al. (2024) UBR1 promotes anaplastic thyroid carcinoma progression via stabilizing YAP through monoubiquitylation. *Scientific reports*, 14(1), 19496.

Celada SI, et al. (2023) Lysosome-dependent FOXA1 ubiquitination contributes to luminal lineage of advanced prostate cancer. *Molecular oncology*, 17(10), 2126.

Teo QW, et al. (2023) Usp25-Erlin1/2 activity limits cholesterol flux to restrict virus infection. *Developmental cell*, 58(22), 2495.

Chen L, et al. (2023) KLHL7 promotes hepatocellular carcinoma progression and molecular therapy resistance by degrading RASA2. *iScience*, 26(6), 106914.