

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Mar 31, 2025

## pLenti-PGK-ER-KRAS(G12V)

RRID:Addgene\_35635

Type: Plasmid

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### Proper Citation

RRID:Addgene\_35635

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### Plasmid Information

**URL:** <http://www.addgene.org/35635>

**Proper Citation:** RRID:Addgene\_35635

**Insert Name:** K-Ras4B(G12V)

**Organism:** Homo sapiens

**Bacterial Resistance:** Ampicillin

**Defining Citation:** [PMID:22341439](https://pubmed.ncbi.nlm.nih.gov/22341439/)

**Vector Backbone Description:** Backbone Marker:Eric Campeau; Backbone Size:10000; Vector Backbone:pLenti-PGK-Hygro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

**Plasmid Name:** pLenti-PGK-ER-KRAS(G12V)

**Relevant Mutation:** Glycine 12 to Valine

**Record Creation Time:** 20220422T222152+0000

**Record Last Update:** 20231115T080734+0000

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### Ratings and Alerts

No rating or validation information has been found for pLenti-PGK-ER-KRAS(G12V).

No alerts have been found for pLenti-PGK-ER-KRAS(G12V).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Odawara T, et al. (2024) Apoptosis signal-regulating kinase 1 promotes inflammation in senescence and aging. *Communications biology*, 7(1), 691.

Wen X, et al. (2024) Senataxin deficiency disrupts proteostasis through nucleolar ncRNA-driven protein aggregation. *The Journal of cell biology*, 223(7).

Allard D, et al. (2023) The CD73 immune checkpoint promotes tumor cell metabolic fitness. *eLife*, 12.

Miyabayashi K, et al. (2020) Intraductal Transplantation Models of Human Pancreatic Ductal Adenocarcinoma Reveal Progressive Transition of Molecular Subtypes. *Cancer discovery*, 10(10), 1566.