Resource Summary Report

Generated by RRID on Sep 1, 2026

pLenti CMV RasV12 Neo (w108-1)

RRID:Addgene_22259
Type: Plasmid

Proper Citation

RRID:Addgene_22259

Plasmid Information

URL: http://www.addgene.org/22259

Proper Citation: RRID:Addgene_22259

Insert Name: HRAS G12V

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8378; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti CMV RasV12 Neo (w108-1)

Relevant Mutation: G12V mutant

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260829T080218+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV RasV12 Neo (w108-1).

No alerts have been found for pLenti CMV RasV12 Neo (w108-1).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Cornelissen FMG, et al. (2025) Combined Inactivation of MEK and mTOR Can Lead to Synergistic Cell Death in Glioblastoma Models and Associates with NF1 Deficiency and a Mesenchymal Subtype. Molecular cancer therapeutics, 24(12), 1878.

Oskouian B, et al. (2024) AF1q is a universal marker of neuroblastoma that sustains N-Myc expression and drives tumorigenesis. Oncogene.

Kumar B, et al. (2023) Stromal heterogeneity may explain increased incidence of metaplastic breast cancer in women of African descent. Nature communications, 14(1), 5683.

Kumar B, et al. (2021) Bidirectional Regulatory Cross-Talk between Cell Context and Genomic Aberrations Shapes Breast Tumorigenesis. Molecular cancer research : MCR, 19(11), 1802.

Bryson BL, et al. (2021) Aberrant Induction of a Mesenchymal/Stem Cell Program Engages Senescence in Normal Mammary Epithelial Cells. Molecular cancer research : MCR, 19(4), 651.

Omer A, et al. (2020) G3BP1 controls the senescence-associated secretome and its impact on cancer progression. Nature communications, 11(1), 4979.

De Cecco M, et al. (2019) L1 drives IFN in senescent cells and promotes age-associated inflammation. Nature, 566(7742), 73.

Sancho-Martinez I, et al. (2016) Establishment of human iPSC-based models for the study and targeting of glioma initiating cells. Nature communications, 7, 10743.

Rampias T, et al. (2014) RAS/PI3K crosstalk and cetuximab resistance in head and neck squamous cell carcinoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 20(11), 2933.