

Resource Summary Report

Generated by [kravitz2](#) on Aug 4, 2026

pLenti CMV/TO RasV12 Puro (w119-1)

RRID:Addgene_22262

Type: Plasmid

Proper Citation

RRID:Addgene_22262

Plasmid Information

URL: <http://www.addgene.org/22262>

Proper Citation: RRID:Addgene_22262

Insert Name: HRAS G12V

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8176; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLenti CMV/TO RasV12 Puro (w119-1)

Relevant Mutation: G12V mutant

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260801T081012+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV/TO RasV12 Puro (w119-1).

No alerts have been found for pLenti CMV/TO RasV12 Puro (w119-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Marmisolle I, et al. (2025) Oncogene-induced senescence mitochondrial metabolism and bioenergetics drive the secretory phenotype: further characterization and comparison with other senescence-inducing stimuli. *Redox biology*, 82, 103606.

Ciesla J, et al. (2024) A UL26-PIAS1 complex antagonizes anti-viral gene expression during Human Cytomegalovirus infection. *PLoS pathogens*, 20(5), e1012058.

Toropov AL, et al. (2023) Oncogene-Induced Senescence Is a Crucial Antitumor Defense Mechanism of Human Endometrial Stromal Cells. *International journal of molecular sciences*, 24(18).

Raymonda MH, et al. (2023) Cytomegalovirus-induced inactivation of TSC2 disrupts the coupling of fatty acid biosynthesis to glucose availability resulting in a vulnerability to glucose limitation. *bioRxiv : the preprint server for biology*.

Raymonda MH, et al. (2022) Pharmacologic profiling reveals lapatinib as a novel antiviral against SARS-CoV-2 in vitro. *Virology*, 566, 60.

Park JH, et al. (2021) Disruption of nucleocytoplasmic trafficking as a cellular senescence driver. *Experimental & molecular medicine*, 53(6), 1092.

He Y, et al. (2020) Using proteolysis-targeting chimera technology to reduce navitoclax platelet toxicity and improve its senolytic activity. *Nature communications*, 11(1), 1996.

Santos L, et al. (2019) A novel form of Deleted in breast cancer 1 (DBC1) lacking the N-terminal domain does not bind SIRT1 and is dynamically regulated in vivo. *Scientific reports*, 9(1), 14381.

Rodríguez-Sánchez I, et al. (2019) The Human Cytomegalovirus UL38 protein drives mTOR-independent metabolic flux reprogramming by inhibiting TSC2. *PLoS pathogens*, 15(1), e1007569.

Xu S, et al. (2016) Expression of Oncogenic Alleles Induces Multiple Blocks to Human Cytomegalovirus Infection. *Journal of virology*, 90(9), 4346.

Yoh KE, et al. (2016) Repression of p63 and induction of EMT by mutant Ras in mammary epithelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, 113(41), E6107.

Xu S, et al. (2015) Transformation with oncogenic Ras and the simian virus 40 T antigens induces caspase-dependent sensitivity to fatty acid biosynthetic inhibition. *Journal of virology*, 89(12), 6406.

Trucco LD, et al. (2014) Krüppel-like factor 6 interferes with cellular transformation induced by the H-ras oncogene. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 28(12), 5262.

Zolochevska O, et al. (2011) Cell-cycle regulators cdk2ap1 and bicalutamide suppress malignant biological interactions between prostate cancer and bone cells. *The Prostate*, 71(4), 353.