

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

pLenti CMV GSE T329A Hygro (w189-4)

RRID:Addgene_22255

Type: Plasmid

Proper Citation

RRID:Addgene_22255

Plasmid Information

URL: <http://www.addgene.org/22255>

Proper Citation: RRID:Addgene_22255

Insert Name: Genetic suppressor element #22, T329A

Organism: Rattus norvegicus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:8712; Vector Backbone:p156RRL-sinPPT-CMV-GFP-PRE/Nhe I; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Encodes amino acids #312-391 of rat p53 to act as a dominant-negative (Ossovskaya et al. 1996, PNAS 93:10309-10314). T329A mutation does not prevent tetramerization of p53 (Mateu et al. Nat Struct Biol. 1999 Feb;6(2):191-8).

Plasmid Name: pLenti CMV GSE T329A Hygro (w189-4)

Relevant Mutation: Threonine 329 is mutated to Alanine (p53 nomenclature).

Record Creation Time: 20220422T222058+0000

Record Last Update: 20260829T080218+0000

Ratings and Alerts

No rating or validation information has been found for pLenti CMV GSE T329A Hygro (w189-4).

No alerts have been found for pLenti CMV GSE T329A Hygro (w189-4).

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 [RRID](#) .

Kaneko Y, et al. (2026) Inhibition of N-Terminal Acetyltransferase C Mitigates Endoplasmic Reticulum Stress-Mediated Muscle Atrophy in Cancer Cachexia. Journal of cachexia, sarcopenia and muscle, 17(2), e70249.

Minami Y, et al. (2023) Liver lipophagy ameliorates nonalcoholic steatohepatitis through extracellular lipid secretion. Nature communications, 14(1), 4084.

Hoshino A, et al. (2019) The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. Nature, 575(7782), 375.