

Resource Summary Report

Generated by [dkNET](#) on Jul 28, 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: 20260725T074431+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 2 mentions in open access literature.

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

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.