

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

SV40 Large T K1 mutant in pENTR1A (w414-1)

RRID:Addgene_22270

Type: Plasmid

Proper Citation

RRID:Addgene_22270

Plasmid Information

URL: <http://www.addgene.org/22270>

Proper Citation: RRID:Addgene_22270

Insert Name: SV40 Large T antigen TK1 mutant (E107K)

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:2279; Vector Backbone:pENTR1A; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Comments: Large T antigen K1 mutant can no longer bind and inactivate the Rb, p130 and p107 proteins (DeCaprio et al. 1988, Stubdal et al. 1997). It also fails to activate Akt (Yu and Alwine 2008).

Plasmid Name: SV40 Large T K1 mutant in pENTR1A (w414-1)

Relevant Mutation: E107K (K1 mutation)

Record Creation Time: 20220422T222059+0000

Record Last Update: 20260725T074431+0000

Ratings and Alerts

No rating or validation information has been found for SV40 Large T K1 mutant in pENTR1A (w414-1).

No alerts have been found for SV40 Large T K1 mutant in pENTR1A (w414-1).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.