

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pLenti PGK mKate2-OGT WT (Puro)

RRID:Addgene_154290

Type: Plasmid

Proper Citation

RRID:Addgene_154290

Plasmid Information

URL: <http://www.addgene.org/154290>

Proper Citation: RRID:Addgene_154290

Insert Name: O-GlcNAc Transferase

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33419956](#)

Vector Backbone Description: Backbone Marker:Campeau et al.; Backbone Size:8000; Vector Backbone:pLenti PGK Neo (DEST); Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Please visit <https://doi.org/10.1101/2020.10.22.351288> for bioRxiv preprint.

Plasmid Name: pLenti PGK mKate2-OGT WT (Puro)

Relevant Mutation: WT

Record Creation Time: 20220422T221845+0000

Record Last Update: 20260725T074036+0000

Ratings and Alerts

No rating or validation information has been found for pLenti PGK mKate2-OGT WT (Puro).

No alerts have been found for pLenti PGK mKate2-OGT WT (Puro).

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 [NIF](#) .

van Bodegraven EJ, et al. (2025) Intermediate filaments promote glioblastoma cell invasion by controlling nuclear deformations and mechanosensitive expression of MMP14. Cell reports, 44(11), 116553.

Yu SB, et al. (2024) Neuronal activity-driven O-GlcNAcylation promotes mitochondrial plasticity. Developmental cell, 59(16), 2143.