

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pLJC6-GPT2-3xFLAG

RRID:Addgene_163449

Type: Plasmid

Proper Citation

RRID:Addgene_163449

Plasmid Information

URL: <http://www.addgene.org/163449>

Proper Citation: RRID:Addgene_163449

Insert Name: GPT2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33651980](#)

Vector Backbone Description: Vector Backbone:pLJC6; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: Insert sequence contains 20 silent mutations introduced to: (I) remove an internal NotI site; (II) reduce the GC content at the 5' terminus of the gene; and (III) abolish recognition by sgGPT2_5

Plasmid Name: pLJC6-GPT2-3xFLAG

Relevant Mutation: See: comments

Record Creation Time: 20220422T221924+0000

Record Last Update: 20260725T074146+0000

Ratings and Alerts

No rating or validation information has been found for pLJC6-GPT2-3xFLAG.

No alerts have been found for pLJC6-GPT2-3xFLAG.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Rossiter NJ, et al. (2021) CRISPR screens in physiologic medium reveal conditionally essential genes in human cells. Cell metabolism, 33(6), 1248.