

Resource Summary Report

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

pSC101_TIMER

RRID:Addgene_103057

Type: Plasmid

Proper Citation

RRID:Addgene_103057

Plasmid Information

URL: <http://www.addgene.org/103057>

Proper Citation: RRID:Addgene_103057

Insert Name: TIMER-bac

Organism: Synthetic

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:25126781](#)

Vector Backbone Description: Backbone Size:9262; Vector Backbone:pSC101; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: TIMER-bac was generated by exchanging TCC coding for serine 197 to ACC coding for threonine in DsRed.T3_S4T (Sørensen et al., 2003). PybaJ-Timer-bac was cloned into pUA66 with a pSC101 replicon, conferring kanamycin resistance.

Plasmid Name: pSC101_TIMER

Relevant Mutation: mutations: S4T and S179T

Record Creation Time: 20220422T221458+0000

Record Last Update: 20260725T073353+0000

Ratings and Alerts

No rating or validation information has been found for pSC101_TIMER.

No alerts have been found for pSC101_TIMER.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hu Z, et al. (2025) Proximity-activated guide RNA of CRISPR-Cas12a for programmable diagnostic detection and gene regulation. Nucleic acids research, 53(3).

Kang H, et al. (2024) Logical regulation of endogenous gene expression using programmable, multi-input processing CRISPR guide RNAs. Nucleic acids research, 52(14), 8595.

Stepanenko AA, et al. (2022) Superior infectivity of the fiber chimeric oncolytic adenoviruses Ad5/35 and Ad5/3 over Ad5-delta-24-RGD in primary glioma cultures. Molecular therapy oncolytics, 24, 230.

Stepanenko AA, et al. (2021) A new insight into aggregation of oncolytic adenovirus Ad5-delta-24-RGD during CsCl gradient ultracentrifugation. Scientific reports, 11(1), 16088.