

Resource Summary Report

Generated by [kravitz2](#) on Aug 27, 2026

pTLR repair vector

RRID:Addgene_64322

Type: Plasmid

Proper Citation

RRID:Addgene_64322

Plasmid Information

URL: <http://www.addgene.org/64322>

Proper Citation: RRID:Addgene_64322

Insert Name: Venus

Organism: Aequorea victoria

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25803306](#)

Vector Backbone Description: Vector Backbone:Bluescript; Vector Types:Artificial targeting vector; Bacterial Resistance:Ampicillin

Plasmid Name: pTLR repair vector

Relevant Mutation: see publication for details

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260826T042445+0000

Ratings and Alerts

No rating or validation information has been found for pTLR repair vector.

No alerts have been found for pTLR repair vector.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Verma N, et al. (2024) Genome scale CRISPR screens identify actin capping proteins as key modulators of therapeutic responses to radiation and immunotherapy. bioRxiv : the preprint server for biology.

Zhao B, et al. (2022) Bacterial Retrons Enable Precise Gene Editing in Human Cells. The CRISPR journal, 5(1), 31.

Bashir S, et al. (2020) Enhancement of CRISPR-Cas9 induced precise gene editing by targeting histone H2A-K15 ubiquitination. BMC biotechnology, 20(1), 57.

Xiang X, et al. (2019) LION: a simple and rapid method to achieve CRISPR gene editing. Cellular and molecular life sciences : CMLS, 76(13), 2633.

Jayavaradhan R, et al. (2019) CRISPR-Cas9 fusion to dominant-negative 53BP1 enhances HDR and inhibits NHEJ specifically at Cas9 target sites. Nature communications, 10(1), 2866.

Tran NT, et al. (2019) Enhancement of Precise Gene Editing by the Association of Cas9 With Homologous Recombination Factors. Frontiers in genetics, 10, 365.