

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 18, 2026

pSLQ1651-sgTelomere(F+E)

RRID:Addgene_51024

Type: Plasmid

Proper Citation

RRID:Addgene_51024

Plasmid Information

URL: <http://www.addgene.org/51024>

Proper Citation: RRID:Addgene_51024

Insert Name: Optimized sgRNA

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:24360272](#)

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

Comments: gRNA target sequence GTTAGGGTTAGGGTTAGGGTTA

Plasmid Name: pSLQ1651-sgTelomere(F+E)

Record Creation Time: 20220422T222301+0000

Record Last Update: 20260815T081610+0000

Ratings and Alerts

No rating or validation information has been found for pSLQ1651-sgTelomere(F+E).

No alerts have been found for pSLQ1651-sgTelomere(F+E).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Lavi I, et al. (2026) CRISPR-PITA: An Imaging-Based CRISPR/dCas9 Assay to Determine Recruitment Directionality of Nuclear Proteins. Bio-protocol, 16(13), e5742.

Wong EWP, et al. (2025) Disruption of TAD hierarchy promotes LTR co-option in cancer. Nature genetics, 57(7), 1754.

Kitagawa R, et al. (2023) EWSR1 maintains centromere identity. Cell reports, 42(6), 112568.

Gu Y, et al. (2022) Receptome profiling identifies KREMEN1 and ASGR1 as alternative functional receptors of SARS-CoV-2. Cell research, 32(1), 24.

Ferreira da Silva J, et al. (2022) Prime editing efficiency and fidelity are enhanced in the absence of mismatch repair. Nature communications, 13(1), 760.

Das A, et al. (2021) Interneuron Dysfunction in a New Mouse Model of SCN1A GEFS. eNeuro, 8(2).

Geng S, et al. (2021) Minimal amelogenin domain for enamel formation. JOM (Warrendale, Pa. : 1989), 73(6), 1696.

Cai P, et al. (2020) A genome-wide long noncoding RNA CRISPRi screen identifies PRANCR as a novel regulator of epidermal homeostasis. Genome research, 30(1), 22.

Abdisalaam S, et al. (2020) Dysfunctional telomeres trigger cellular senescence mediated by cyclic GMP-AMP synthase. The Journal of biological chemistry, 295(32), 11144.

Deng M, et al. (2018) LILRB4 signalling in leukaemia cells mediates T cell suppression and tumour infiltration. Nature, 562(7728), 605.

Smith ED, et al. (2018) Interstitial telomeric loops and implications of the interaction between TRF2 and lamin A/C. Differentiation; research in biological diversity, 102, 19.

Wu X, et al. (2018) A CRISPR/molecular beacon hybrid system for live-cell genomic imaging. Nucleic acids research, 46(13), e80.

Autour A, et al. (2018) Fluorogenic RNA Mango aptamers for imaging small non-coding RNAs in mammalian cells. Nature communications, 9(1), 656.

Wang H, et al. (2018) CRISPR-Mediated Programmable 3D Genome Positioning and Nuclear Organization. Cell, 175(5), 1405.

Neguembor MV, et al. (2018) (Po)STAC (Polycistronic SunTAg modified CRISPR) enables live-cell and fixed-cell super-resolution imaging of multiple genes. Nucleic acids research, 46(5), e30.

Chen B, et al. (2018) Efficient labeling and imaging of protein-coding genes in living cells using CRISPR-Tag. *Nature communications*, 9(1), 5065.

Du D, et al. (2016) CRISPR Technology for Genome Activation and Repression in Mammalian Cells. *Cold Spring Harbor protocols*, 2016(1), pdb.prot090175.

Chen B, et al. (2014) Imaging genomic elements in living cells using CRISPR/Cas9. *Methods in enzymology*, 546, 337.