

Resource Summary Report

Generated by [NIF](#) on Jul 30, 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: 20260725T074809+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 17 mentions in open access literature.

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

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.

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.

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

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.

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

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.

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.