

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pSXneo 270(T2AG3)

RRID:Addgene_12403

Type: Plasmid

Proper Citation

RRID:Addgene_12403

Plasmid Information

URL: <http://www.addgene.org/12403>

Proper Citation: RRID:Addgene_12403

Insert Name: 270(T2AG3)

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:8090736](#)

Vector Backbone Description: Backbone Size:2400; Vector Backbone:pSP73; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pSXneo 270(T2AG3)

Record Creation Time: 20220422T221650+0000

Record Last Update: 20260815T080402+0000

Ratings and Alerts

No rating or validation information has been found for pSXneo 270(T2AG3).

No alerts have been found for pSXneo 270(T2AG3).

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 [NIF](#) .

Bettin N, et al. (2024) TERRA transcripts localize at long telomeres to regulate telomerase access to chromosome ends. *Science advances*, 10(24), eadk4387.

Ray U, et al. (2021) G4 DNA present at human telomeric DNA contributes toward reduced sensitivity to ??-radiation induced oxidative damage, but not bulky adduct formation. *International journal of radiation biology*, 97(9), 1166.

Javadekar SM, et al. (2020) Characterization of G-quadruplex antibody reveals differential specificity for G4 DNA forms. *DNA research : an international journal for rapid publication of reports on genes and genomes*, 27(5).

Park J, et al. (2019) BMAL1 associates with chromosome ends to control rhythms in TERRA and telomeric heterochromatin. *PloS one*, 14(10), e0223803.

Sagie S, et al. (2017) Telomeres in ICF syndrome cells are vulnerable to DNA damage due to elevated DNA:RNA hybrids. *Nature communications*, 8, 14015.

Wood AM, et al. (2014) TRF2 and lamin A/C interact to facilitate the functional organization of chromosome ends. *Nature communications*, 5, 5467.