

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

[pTREtight2](#)

RRID:Addgene_19407

Type: Plasmid

Proper Citation

RRID:Addgene_19407

Plasmid Information

URL: <http://www.addgene.org/19407>

Proper Citation: RRID:Addgene_19407

Insert Name: empty vector

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:2932; Vector Backbone:pTREtight;
Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pTREtight2

Record Creation Time: 20220422T222045+0000

Record Last Update: 20260902T043427+0000

Ratings and Alerts

No rating or validation information has been found for pTREtight2.

No alerts have been found for pTREtight2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Kashyap P, et al. (2024) An optogenetic method for the controlled release of single molecules. *Nature methods*, 21(4), 666.

Bui TA, et al. (2023) Genetic and Pharmacological YAP Activation Induces Proliferation and Improves Survival in Human Induced Pluripotent Stem Cell-Derived Cardiomyocytes. *Cells*, 12(17).

Kasatkina LA, et al. (2022) Optogenetic manipulation and photoacoustic imaging using a near-infrared transgenic mouse model. *Nature communications*, 13(1), 2813.

Lee SM, et al. (2021) Cellular microRNA-127-3p suppresses oncogenic herpesvirus-induced transformation and tumorigenesis via down-regulation of SKP2. *Proceedings of the National Academy of Sciences of the United States of America*, 118(45).

Lin YH, et al. (2021) Accumbal D2R-medium spiny neurons regulate aversive behaviors through PKA-Rap1 pathway. *Neurochemistry international*, 143, 104935.

van der Wal T, et al. (2020) TMEM98 is a negative regulator of FRAT mediated Wnt/??-catenin signalling. *PloS one*, 15(1), e0227435.

Hirata T, et al. (2019) A Novel Birthdate-Labeling Method Reveals Segregated Parallel Projections of Mitral and External Tufted Cells in the Main Olfactory System. *eNeuro*, 6(6).

Segal J, et al. (2019) Low catalytic activity is insufficient to induce disease pathology in triosephosphate isomerase deficiency. *Journal of inherited metabolic disease*, 42(5), 839.

Kaberniuk AA, et al. (2016) A bacterial phytochrome-based optogenetic system controllable with near-infrared light. *Nature methods*, 13(7), 591.