

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

tTA-IRES-Neo

RRID:Addgene_16541

Type: Plasmid

Proper Citation

RRID:Addgene_16541

Plasmid Information

URL: <http://www.addgene.org/16541>

Proper Citation: RRID:Addgene_16541

Insert Name: tTA

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10588737](#)

Vector Backbone Description: Backbone Size:6000; Vector Backbone:pMk10-59; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: tTA is a tetracycline-controlled transactivator generated by fusing the tet repressor with the activating domain of virion protein 16 of herpes simplex virus. tTA-IRES-Neo was generated by cloning PCR-amplified tTA cDNA from pUHD15-1 (Gossen, M. & Bujard, H., 1992, PNAS 89, 5547-5551) into the XbaI site of plasmid pMk10-59 (Kobayashi, M et al., 1996, Biotechniques 21, 398-402).

Plasmid Name: tTA-IRES-Neo

Record Creation Time: 20220422T221933+0000

Record Last Update: 20260829T075925+0000

Ratings and Alerts

No rating or validation information has been found for tTA-IRES-Neo.

No alerts have been found for tTA-IRES-Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Takao T, et al. (2020) Establishment of a tTA-dependent photoactivatable Cre recombinase knock-in mouse model for optogenetic genome engineering. Biochemical and biophysical research communications, 526(1), 213.