

# Resource Summary Report

Generated by [RRID](#) on Aug 31, 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](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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.