

Resource Summary Report

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pTet-IRES-EGFP

RRID:Addgene_64238

Type: Plasmid

Proper Citation

RRID:Addgene_64238

Plasmid Information

URL: <http://www.addgene.org/64238>

Proper Citation: RRID:Addgene_64238

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:25721206](#)

Vector Backbone Description: Backbone Marker:Didier Trono; Backbone Size:11101; Vector Backbone:pWPI; Vector Types:Mammalian Expression, Lentiviral, Cre/Lox; Bacterial Resistance:Ampicillin

Comments: The transgene of interest can be inserted into BamHI, PmeI, and PstI sites. However, only the PmeI and PstI sites are recommended to be used for different restriction end ligation. This plasmid must be used together with an independent tTA-expressing plasmid for Tet-Off system or rtTA-expressing plasmid for Tet-On system. The TetO promoter sequence was excised from pETE-Bsd plasmid vector, which was originated from pUHD-10-3. The pETE-Bsd and pUHD-10-13 were engineered by Protopopov et al. and Damke et al, respectively. Protopopov AI, Li J, Winberg G, Gizatullin RZ, Kashuba VI, Klein G, et al. Human cell lines engineered for tetracycline-regulated expression of tumor suppressor candidate genes from a frequently affected chromosomal region, 3p21. J Gene Med. 2002/07/19 ed. 2002;4(4):397–406. Damke, H., Gossen, M., Freundlieb, S., Bujard, H., and Schmid, S.L. (1995). Tightly regulated and inducible expression of dominant interfering dynamin mutant in stably transformed HeLa cells. Methods Enzymol. 257, 209–220.

Plasmid Name: pTet-IRES-EGFP

Record Creation Time: 20220422T222408+0000

Record Last Update: 20260808T081954+0000

Ratings and Alerts

No rating or validation information has been found for pTet-IRES-EGFP.

No alerts have been found for pTet-IRES-EGFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Cakir B, et al. (2022) Expression of the transcription factor PU.1 induces the generation of microglia-like cells in human cortical organoids. Nature communications, 13(1), 430.

Chen YS, et al. (2022) Tenuous Transcriptional Threshold of Human Sex Determination. I. SRY and Swyer Syndrome at the Edge of Ambiguity. Frontiers in endocrinology, 13, 945030.

Tóth F, et al. (2021) Effect of Inducible BMP-7 Expression on the Osteogenic Differentiation of Human Dental Pulp Stem Cells. International journal of molecular sciences, 22(12).

Tóth F, et al. (2020) Effect of inducible bone morphogenetic protein 2 expression on the osteogenic differentiation of dental pulp stem cells in vitro. Bone, 132, 115214.

Kallunki T, et al. (2019) How to Choose the Right Inducible Gene Expression System for Mammalian Studies? Cells, 8(8).