

Resource Summary Report

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

PB-TAC-ERN

RRID:Addgene_80475

Type: Plasmid

Proper Citation

RRID:Addgene_80475

Plasmid Information

URL: <http://www.addgene.org/80475>

Proper Citation: RRID:Addgene_80475

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:26025620](#)

Vector Backbone Description: Backbone Size:3000; Vector Backbone:pBluescript; Vector Types:Mammalian Expression, piggyBac transposon; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Requires co-transfection with a piggyBac transposase plasmid for stable genomic integration. If you desire to use transposase with the Materials, you may contact Transposagen or other licensed vendor.

Plasmid Name: PB-TAC-ERN

Record Creation Time: 20220422T222525+0000

Record Last Update: 20260815T082039+0000

Ratings and Alerts

No rating or validation information has been found for PB-TAC-ERN.

No alerts have been found for PB-TAC-ERN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Tiemann U, et al. (2025) Pancreatic alpha and beta cell fate choice is directed by apical-basal polarity dynamics. *Developmental cell*, 60(13), 1871.

Tokumasu R, et al. (2024) Transcription factor FoxO1 regulates myoepithelial cell diversity and growth. *Scientific reports*, 14(1), 1069.

Sone M, et al. (2024) Identification of genes supporting cold resistance of mammalian cells: lessons from a hibernator. *Cell death & disease*, 15(9), 685.

van Gerven MR, et al. (2023) Two opposing gene expression patterns within ATRX aberrant neuroblastoma. *PloS one*, 18(8), e0289084.

Yasuhara R, et al. (2022) Role of Snai2 and Notch signaling in salivary gland myoepithelial cell fate. *Laboratory investigation; a journal of technical methods and pathology*, 102(11), 1245.

Yamashita A, et al. (2021) Culture substrate-associated YAP inactivation underlies chondrogenic differentiation of human induced pluripotent stem cells. *Stem cells translational medicine*, 10(1), 115.

Toshikawa H, et al. (2021) N-Acetylcysteine prevents amyloid-?? secretion in neurons derived from human pluripotent stem cells with trisomy 21. *Scientific reports*, 11(1), 17377.