

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

PB-TA-ERN

RRID:Addgene_80474

Type: Plasmid

Proper Citation

RRID:Addgene_80474

Plasmid Information

URL: <http://www.addgene.org/80474>

Proper Citation: RRID:Addgene_80474

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-TA-ERN

Record Creation Time: 20220422T222525+0000

Record Last Update: 20260815T082039+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Hosogane M, et al. (2026) Variant-specific interaction of kinectin 1 with the multi-tRNA synthetase complex regulates ER sheet organization. *iScience*, 29(1), 114303.

Teixeira M, et al. (2026) WDR44 drives de novo ??-synuclein aggregation at the lysosomal membrane and promotes neuronal dysfunction in Parkinson's Disease. *bioRxiv* : the preprint server for biology.

Jamous M, et al. (2026) The ER anchoring and abundance of the EEF1B complex is affected by tissue-specific alternative EEF1D splicing. *Life science alliance*, 9(8).

Yuki R, et al. (2026) Targeting the splicing factor CWC22 induces mitotic slippage through repression of BubR1 expression and CDK1 activity in cancer cells. *The Journal of biological chemistry*, 111148.

Watanabe Y, et al. (2025) ALS-associated RNA-binding proteins promote UNC13A transcription through REST downregulation. *The EMBO journal*, 44(17), 4745.

Gillespie WB, et al. (2025) MultiSite Assembly of Gateway Induced Clones (MAGIC): a flexible cloning toolbox for use in vertebrate model systems. *Development (Cambridge, England)*, 152(22).

Saavedra-Sanchez L, et al. (2025) The *Shigella flexneri* effector IpaH1.4 facilitates RNF213 degradation and protects cytosolic bacteria against interferon-induced ubiquitylation. *eLife*, 13.

Rengarajan A, et al. (2025) The endo-lysosomal system drives lumen formation in a human epiblast model. *bioRxiv* : the preprint server for biology.

Sashiyama S, et al. (2025) KBG syndrome-associated protein ANKRD11 regulates SETD5 expression to modulate rRNA levels and translation. *iScience*, 28(6), 112699.

Saavedra-Sanchez L, et al. (2024) The *Shigella flexneri* effector IpaH1.4 facilitates RNF213 degradation and protects cytosolic bacteria against interferon-induced ubiquitylation. *bioRxiv* : the preprint server for biology.

Sekulovski N, et al. (2024) Temporally resolved early BMP-driven transcriptional cascade during human amnion specification. *bioRxiv* : the preprint server for biology.

Sekulovski N, et al. (2024) Temporally resolved early bone morphogenetic protein-driven transcriptional cascade during human amnion specification. *eLife*, 12.

Rashid MI, et al. (2023) Simple and efficient differentiation of human iPSCs into contractile skeletal muscles for muscular disease modeling. *Scientific reports*, 13(1), 8146.

Stephenson-Tsoris S, et al. (2022) Hepatitis Delta Virus Genome RNA Synthesis Initiates at Position 1646 with a Nontemplated Guanosine. *Journal of virology*, 96(4), e0201721.

Otsuka Y, et al. (2022) One-step induction of photoreceptor-like cells from human iPSCs by delivering transcription factors. *iScience*, 25(4), 103987.

Kawatani K, et al. (2021) A human isogenic iPSC-derived cell line panel identifies major regulators of aberrant astrocyte proliferation in Down syndrome. *Communications biology*, 4(1), 730.

Jiang X, et al. (2021) Condensation of pericentrin proteins in human cells illuminates phase separation in centrosome assembly. *Journal of cell science*, 134(14).

Harichandran K, et al. (2019) Hepatitis Delta Antigen Regulates mRNA and Antigenome RNA Levels during Hepatitis Delta Virus Replication. *Journal of virology*, 93(8).