

Resource Summary Report

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

PB-TA-ERP2

RRID:Addgene_80477

Type: Plasmid

Proper Citation

RRID:Addgene_80477

Plasmid Information

URL: <http://www.addgene.org/80477>

Proper Citation: RRID:Addgene_80477

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-ERP2

Record Creation Time: 20220422T222525+0000

Record Last Update: 20260815T082039+0000

Ratings and Alerts

No rating or validation information has been found for PB-TA-ERP2.

No alerts have been found for PB-TA-ERP2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

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.

Gupta G, et al. (2025) FANCA Deficiency Induces Oncogenic R-Loop Dependent Synthetic Lethality with PARP1 Inhibitors. Research square.

Cho MG, et al. (2024) MRE11 liberates cGAS from nucleosome sequestration during tumorigenesis. Nature, 625(7995), 585.

Kaur N, et al. (2023) TECPR1 is activated by damage-induced sphingomyelin exposure to mediate noncanonical autophagy. The EMBO journal, 42(17), e113105.

Sahanic S, et al. (2023) SARS-CoV-2 activates the TLR4/MyD88 pathway in human macrophages: A possible correlation with strong pro-inflammatory responses in severe COVID-19. Heliyon, 9(11), e21893.

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.

Wibisana JN, et al. (2022) Enhanced transcriptional heterogeneity mediated by NF- κ B super-enhancers. PLoS genetics, 18(6), e1010235.

Wang S, et al. (2021) Spatially resolved cell polarity proteomics of a human epiblast model. Science advances, 7(17).

Townshend RF, et al. (2020) Effect of Cell Spreading on Rosette Formation by Human Pluripotent Stem Cell-Derived Neural Progenitor Cells. Frontiers in cell and developmental biology, 8, 588941.

di Pietro F, et al. (2017) An RNAi Screen in a Novel Model of Oriented Divisions Identifies the Actin-Capping Protein Z γ as an Essential Regulator of Spindle Orientation. Current biology : CB, 27(16), 2452.