

Resource Summary Report

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

PB-TAC-ERP2

RRID:Addgene_80478

Type: Plasmid

Proper Citation

RRID:Addgene_80478

Plasmid Information

URL: <http://www.addgene.org/80478>

Proper Citation: RRID:Addgene_80478

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-ERP2

Record Creation Time: 20220422T222525+0000

Record Last Update: 20260815T082039+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Lee MH, et al. (2023) Adaptation of the Tumor Antigen Presentation Machinery to Ionizing Radiation. *Journal of immunology* (Baltimore, Md. : 1950), 211(4), 693.

Saini M, et al. (2023) Resistance to mesenchymal reprogramming sustains clonal propagation in metastatic breast cancer. *Cell reports*, 42(6), 112533.

Kagawa H, et al. (2022) Human blastoids model blastocyst development and implantation. *Nature*, 601(7894), 600.

Acharya A, et al. (2022) Live-Cell Imaging of the Contractile Velocity and Transient Intracellular Ca²⁺ Fluctuations in Human Stem Cell-Derived Cardiomyocytes. *Cells*, 11(8).

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

Merkle J, et al. (2021) CDKN2A-Mutated Pancreatic Ductal Organoids from Induced Pluripotent Stem Cells to Model a Cancer Predisposition Syndrome. *Cancers*, 13(20).

Breunig M, et al. (2021) Modeling plasticity and dysplasia of pancreatic ductal organoids derived from human pluripotent stem cells. *Cell stem cell*, 28(6), 1105.

Arai HN, et al. (2019) Metalloprotease-Dependent Attenuation of BMP Signaling Restricts Cardiac Neural Crest Cell Fate. *Cell reports*, 29(3), 603.