

Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

pUltra

RRID:Addgene_24129

Type: Plasmid

Proper Citation

RRID:Addgene_24129

Plasmid Information

URL: <http://www.addgene.org/24129>

Proper Citation: RRID:Addgene_24129

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:22427958](#)

Vector Backbone Description: Backbone Marker:Didier Trono; Backbone Size:7000; Vector Backbone:pRRL; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: pUltra was cloned by Yildirim Dogan (doganym@yahoo.com). It is described in the associated article (PMID 22427958) and also in PMID 24630793. This is a 3rd generation Lentiviral vector with an internal Ubiquitinc Promoter. By cloning into the compatible cloning sites* (XbaI and BamHI) downstream of EGFP-P2A, you get a bi-cistronic expression of EGFP and the gene of interest. You can clone a second gene of interest into the NheI/bclI**downstream of EGFP-P2A-gene1-T2A and get a multi-cistronic expression of all three genes. * compatible cloning site (ccs): you can pcr amplifiy your gene of interest with a forward primer including one of these cutting sites: SpeI or NheI or XbaI and a reverse primer with one these cutting sites: BglII or BamHI or bclI. The PCR product is now compatible with the first site as well the 2nd site. "You can mix and match". ** for bclI the vector has to be amplified by dam-methylation defective E coli strains (e.g. SC110 Stratagene). Further advantage of the vector is, that you can simultaneously do RNAi by cloning H1-shRNA cassettes into the unique SnaBI site in the 3'-LTR. Plus while integration the RNAi cassette gets doubled, since the 5'LTR is duplicated while reverse transcripton from the 3'-LTR ***P2A: 3984-4046 bp and T2A: 4062-4124 bp

Plasmid Name: pUltra

Record Creation Time: 20220422T222108+0000

Record Last Update: 20260815T081229+0000

Ratings and Alerts

No rating or validation information has been found for pUltra.

No alerts have been found for pUltra.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 89 mentions in open access literature.

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

Kim H, et al. (2026) Myelin antigen capture in the CNS by B cells expressing EBV latent membrane protein 1 leads to demyelinating lesion formation. *Cell*.

Hirano J, et al. (2026) Establishment of a green fluorescent protein (GFP)-based reporter for picornaviral 3C proteases. *Journal of virology*, 100(4), e0193625.

Chausova P, et al. (2026) Identification and Targeted Correction of a Pathogenic PMP22 Deep Intronic Variant. *International journal of molecular sciences*, 27(8).

Page R, et al. (2025) GLUT5 armouring enhances adoptive T-cell therapy anti-tumour activity under glucose-limiting conditions. *Immunotherapy advances*, 5(1), Itaf018.

Zhou Y, et al. (2025) CXCL13 Expression Promotes CAR T Cell Antitumor Activity and Potentiates Response to PD-1 Blockade. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 12(33), e08095.

Sokirniy I, et al. (2025) A side-by-side comparison of variant function measurements using deep mutational scanning and base editing. *Nucleic acids research*, 53(14).

Bell-Simons M, et al. (2025) Tau Axonal Sorting and Interaction With Synaptic Plasticity Modulators Is Domain- and Isoform-Dependent in Human iPSC-Derived Neurons. *Aging cell*, 24(11), e70215.

Watt K, et al. (2025) Epigenetic alterations facilitate transcriptional and translational programs in hypoxia. *Nature cell biology*, 27(11), 1965.

Buchholz S, et al. (2025) The tau isoform 1N4R confers vulnerability of MAPT knockout human iPSC-derived neurons to amyloid beta and phosphorylated tau-induced neuronal dysfunction. *Alzheimer's & dementia : the journal of the Alzheimer's Association*, 21(5), e14403.

Preda MB, et al. (2025) miR-210 locus deletion disrupts cellular homeostasis: an integrated genetic study. *Scientific reports*, 15(1), 22659.

Hirano J, et al. (2025) Establishment of a green fluorescent protein (GFP)-based reporter for picornaviral 3C proteases. *bioRxiv : the preprint server for biology*.

Shayler DWH, et al. (2025) Identification and characterization of early human photoreceptor states and cell-state-specific retinoblastoma-related features. *eLife*, 13.

Al Kabbani MA, et al. (2025) Effects of P301L-TAU on post-translational modifications of microtubules in human iPSC-derived cortical neurons and TAU transgenic mice. *Neural regeneration research*, 20(8), 2348.

Souto EP, et al. (2025) Lineage Tracing and Single-Cell RNA Sequencing Reveal a Common Transcriptional State in Breast Cancer Tumor-Initiating Cells Characterized by IFN/STAT1 Activity. *Cancer research*, 85(8), 1390.

Khan N, et al. (2025) Human Papillomavirus Integration Induces Oncogenic Host Gene Fusions in Oropharyngeal Cancers. *Cancer discovery*, 15(9), 1927.

Ou KL, et al. (2025) Two waves of adipogenesis in developing avian skin and dermal plasticity. *Developmental biology*, 525, 58.

Tzani A, et al. (2024) FAM222A, Part of the BET-Regulated Basal Endothelial Transcriptome, Is a Novel Determinant of Endothelial Biology and Angiogenesis-Brief Report. *Arteriosclerosis, thrombosis, and vascular biology*, 44(1), 143.

Xie CTY, et al. (2024) Nonsynonymous Mutations in Intellectual Disability and Autism Spectrum Disorder Gene PTCHD1 Disrupt N-Glycosylation and Reduce Protein Stability. *Cells*, 13(2).

Lin SL, et al. (2024) Novel Programmed Death Ligand 1-AKT-engineered Mesenchymal Stem Cells Promote Neuroplasticity to Target Stroke Therapy. *Molecular neurobiology*, 61(7), 3819.

Xue G, et al. (2024) Clinical drug screening reveals clofazimine potentiates the efficacy while reducing the toxicity of anti-PD-1 and CTLA-4 immunotherapy. *Cancer cell*.