

Resource Summary Report

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

pWPI/hPLK2WT/Neo

RRID:Addgene_35385

Type: Plasmid

Proper Citation

RRID:Addgene_35385

Plasmid Information

URL: <http://www.addgene.org/35385>

Proper Citation: RRID:Addgene_35385

Insert Name: hPLK2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21849493](#)

Vector Backbone Description: Backbone Marker:Didier Trono; Backbone Size:11437; Vector Backbone:pWPI/Neomycin; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Comments: The backbone of this bicistronic lentiviral vector was originally created by Dr. Didier Trono lab (pWPI, Plasmid # 12254), and then modified by Robert Strome using Neomycin to replace EGFP and adding several multiple clone sites. The MCS includes Swa I, Nde I, BamH I, Spe I, Xma I and Sma I (see sequence). The hPlk2WT cDNA was inserted with BamH I site, and can be replaced by any other gene with this site. This vector allows the simultaneous expression of hPlk2WT and Neomycin to facilitate establishing stable mammalian transgene cell lines. Please note that the full sequence for this plasmid is approximated and not fully verified. For further cloning strategies, please contact with Dr. Anurag Tandon.

Plasmid Name: pWPI/hPLK2WT/Neo

Record Creation Time: 20220422T222151+0000

Record Last Update: 20260815T081400+0000

Ratings and Alerts

No rating or validation information has been found for pWPI/hPLK2WT/Neo.

No alerts have been found for pWPI/hPLK2WT/Neo.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Jourdain AA, et al. (2021) Loss of LUC7L2 and U1 snRNP subunits shifts energy metabolism from glycolysis to OXPHOS. Molecular cell, 81(9), 1905.

Jang J, et al. (2019) Control over single-cell distribution of G1 lengths by WNT governs pluripotency. PLoS biology, 17(9), e3000453.

To TL, et al. (2019) A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. Cell, 179(5), 1222.