

Resource Summary Report

Generated by [RRID](#) on Aug 27, 2026

pBOB-EF1-FastFUCCI-Puro

RRID:Addgene_86849

Type: Plasmid

Proper Citation

RRID:Addgene_86849

Plasmid Information

URL: <http://www.addgene.org/86849>

Proper Citation: RRID:Addgene_86849

Insert Name: mKO2-hCDT1(30-120)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:27888217](#)

Vector Backbone Description: Backbone Marker:Verma lab (Salk Institute); Backbone Size:7800; Vector Backbone:pBOB; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pBOB-EF1-FastFUCCI-Puro

Record Creation Time: 20220422T222558+0000

Record Last Update: 20260815T082138+0000

Ratings and Alerts

No rating or validation information has been found for pBOB-EF1-FastFUCCI-Puro.

No alerts have been found for pBOB-EF1-FastFUCCI-Puro.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Wang D, et al. (2026) PRMT5 is Frequently Upregulated and a Potential Therapeutic Target in MTAP-deficient Malignant Peripheral Nerve Sheath Tumors. *bioRxiv : the preprint server for biology*.

Wimmer R, et al. (2026) Two translocation mechanisms drive neural stem cell dissemination into the human fetal cortex. *Neuron*, 114(12), 2165.

Eckert C, et al. (2026) An alginate-based 3D cell culture model as a useful tool for melanoma drug testing. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 198, 119275.

da Rosa SA, et al. (2026) Morphofunctional Heterogeneity and Plasticity of Glioblastoma Cells Induced to Senescence by Temozolomide. *Aging cell*, 25(4), e70477.

Chavkin NW, et al. (2026) Regulation of endothelial cell chromatin availability and transcription factor activity during arterial-venous specification. *Development (Cambridge, England)*, 153(11).

Fulcher LJ, et al. (2025) MDM2 functions as a timer reporting the length of mitosis. *Nature cell biology*, 27(2), 262.

Chen H, et al. (2025) PARP7 Inhibitors and AHR Agonists Act Synergistically across a Wide Range of Cancer Models. *Molecular cancer therapeutics*, 24(1), 56.

Sobajima T, et al. (2025) WIP1 mutations suppress DNA damage triggered bypass of the mitotic timer. *The EMBO journal*, 44(15), 4378.

Papuchova H, et al. (2025) Activity of the SWI/SNF complex is indispensable for syncytiotrophoblast formation. *Development (Cambridge, England)*, 152(21).

Li Y, et al. (2025) Regulation of partial endothelial-to-mesenchymal transition by circATXN1 in ischemic diseases. *Nature communications*, 16(1), 6357.

Wang T, et al. (2025) Optochemical control of G1 cell cycle by regulating CDK4/6 degradation. *iScience*, 28(9), 113304.

Rampias T, et al. (2025) KMT2C inactivation leads to PTEN downregulation and tolerance to DNA damage during cell cycle progression. *NPJ precision oncology*, 9(1), 336.

Kalyoncu M, et al. (2025) Escape from TGF- β -induced senescence promotes aggressive hallmarks in epithelial hepatocellular carcinoma cells. *Molecular oncology*, 19(9), 2594.

Deng H, et al. (2025) cSTAR analysis identifies endothelial cell cycle as a key regulator of flow-dependent artery remodeling. *Science advances*, 11(1), eado9970.

Zangari J, et al. (2025) D-cysteine impairs tumour growth by inhibiting cysteine desulfurase NFS1. *Nature metabolism*, 7(8), 1646.

Xiao Y, et al. (2025) CAF-Driven Mechanotransduction via Collagen Remodeling Accelerates Tumor Cell Cycle Progression. *Gels* (Basel, Switzerland), 11(8).

Liu AZ, et al. (2025) The scaffold protein PRR14L links the PP2A-TACC3 axis to mitotic fidelity and sensitivity to MPS1 inhibition. *bioRxiv : the preprint server for biology*.

Anandi L, et al. (2024) Direct visualization of emergent metastatic features within an ex vivo model of the tumor microenvironment. *bioRxiv : the preprint server for biology*.

Ginno PA, et al. (2024) Single-mitosis dissection of acute and chronic DNA mutagenesis and repair. *Nature genetics*, 56(5), 913.

Giammello F, et al. (2024) Modulating voltage-gated sodium channels to enhance differentiation and sensitize glioblastoma cells to chemotherapy. *Cell communication and signaling : CCS*, 22(1), 434.