Resource Summary Report

Generated by NIF on Aug 6, 2026

pMK290 (mAID-mClover-Hygro)

RRID:Addgene_72828
Type: Plasmid

Proper Citation

RRID:Addgene_72828

Plasmid Information

URL: http://www.addgene.org/72828

Proper Citation: RRID:Addgene_72828

Insert Name: mAID-mClover-Hygro

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:27052166

Vector Backbone Description: Backbone Size:3511; Vector Backbone:pBluescript KS(-); Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: This vector can be used for the construction of donor vectors for tagging with mAID-mClover.

Plasmid Name: pMK290 (mAID-mClover-Hygro)

Record Creation Time: 20220422T222447+0000

Record Last Update: 20260801T081747+0000

Ratings and Alerts

No rating or validation information has been found for pMK290 (mAID-mClover-Hygro).

No alerts have been found for pMK290 (mAID-mClover-Hygro).

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Zellag RM, et al. (2025) The spatiotemporal distribution of LIN-5/NuMA regulates spindle orientation in the C.??elegans germ line. Cell reports, 44(2), 115296.

Yunusova AM, et al. (2024) Assessing cell lines with inducible depletion of cohesin and condensins components through analysis of metaphase chromosome morphology. Vavilovskii zhurnal genetiki i selektsii, 28(2), 138.

Pujadas Liwag EM, et al. (2024) Depletion of lamins B1 and B2 promotes chromatin mobility and induces differential gene expression by a mesoscale-motion-dependent mechanism. Genome biology, 25(1), 77.

Ide AH, et al. (2023) The role of kinetochore dynein in checkpoint silencing is restricted to disassembly of the corona. Molecular biology of the cell, 34(7), ar76.

Lee R, et al. (2022) CTCF-mediated chromatin looping provides a topological framework for the formation of phase-separated transcriptional condensates. Nucleic acids research, 50(1), 207.

Yunusova A, et al. (2021) Evaluation of the OsTIR1 and AtAFB2 AID Systems for Genome Architectural Protein Degradation in Mammalian Cells. Frontiers in molecular biosciences, 8, 757394.

Wittig KA, et al. (2021) The CRL4DTL E3 ligase induces degradation of the DNA replication initiation factor TICRR/TRESLIN specifically during S phase. Nucleic acids research, 49(18), 10507.

Ba Z, et al. (2020) CTCF orchestrates long-range cohesin-driven V(D)J recombinational scanning. Nature, 586(7828), 305.

Matreyek KA, et al. (2020) An improved platform for functional assessment of large protein libraries in mammalian cells. Nucleic acids research, 48(1), e1.

Lin DW, et al. (2019) Microhomology-based CRISPR tagging tools for protein tracking, purification, and depletion. The Journal of biological chemistry, 294(28), 10877.

Hyle J, et al. (2019) Acute depletion of CTCF directly affects MYC regulation through loss of enhancer-promoter looping. Nucleic acids research, 47(13), 6699.

Negishi T, et al. (2019) Modified auxin improves the auxin-inducible degradation (AID) system for laid C. elegans embryos. microPublication biology, 2019.

Bass TE, et al. (2019) Quantitative phosphoproteomics reveals mitotic function of the ATR activator ETAA1. The Journal of cell biology, 218(4), 1235.

Zhang H, et al. (2019) SLX4IP acts with SLX4 and XPF-ERCC1 to promote interstrand crosslink repair. Nucleic acids research, 47(19), 10181.