

# Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

## HCT-116 MTBP-mClover-XLoneGemininT25D

RRID:CVCL\_E0W0

Type: Cell Line

### Proper Citation

RRID:CVCL\_E0W0

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_E0W0](https://web.expasy.org/cellosaurus/CVCL_E0W0)

**Proper Citation:** RRID:CVCL\_E0W0

**Description:** Cell line HCT-116 MTBP-mClover-XLoneGemininT25D is a Cancer cell line with a species of origin Homo sapiens (Human)

**Sex:** Male

**Disease:** Colon carcinoma

**Comments:** Characteristics: Using CRISPR/Cas9 the fluorescent protein mClover was integrated at the C-terminus of MTBP (from parent cell line HCT-116 MTBP-mClover)., Characteristics: Transfected with two plasmids, XLone-GemininT25D and pCMV-hyPBase. The XLone-GemininT25D plasmid contains in one orientation a EF1A-rtTA-P2A-Bsd region where rtTA is a reverse tetracycline-controlled transactivator, a fusion between a mutated version of E.coli TetR and the activating domain of HSV-1 VP16 and in the other orientation a TRE3G-GemininT25D region thus allowing the doxycycline induction of geminin (DOI=10.1101/2024.02.02.578516)., Population: Caucasian.

**Category:** Cancer cell line

**Organism:** Homo sapiens (Human)

**Name:** HCT-116 MTBP-mClover-XLoneGemininT25D

**ID:** CVCL\_E0W0

**Hierarchy:** cvcl\_c7sr

**Record Creation Time:** 20240911T071246+0000

**Record Last Update:** 20260816T000801+0000

### Ratings and Alerts

No rating or validation information has been found for HCT-116 MTBP-mClover-XLoneGemininT25D.

No alerts have been found for HCT-116 MTBP-mClover-XLoneGemininT25D.

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Noble TD, et al. (2025) Cell cycle-dependent TICRR/TRESLIN and MTBP chromatin binding mechanisms and patterns. Genome biology, 26(1), 194.