

Resource Summary Report

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HCT-116 MTBP-mClover-XLoneGemininT25D

RRID:CVCL_E0W0

Type: Cell Line

Proper Citation

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Cell Line Information

URL: 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: 20260905T183422+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.

Data and Source Information

Source: [Cellosaurus](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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