Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pTALYM3B15

RRID:Addgene_47878
Type: Plasmid

Proper Citation

RRID:Addgene_47878

Plasmid Information

URL: http://www.addgene.org/47878

Proper Citation: RRID:Addgene_47878

Insert Name: TALE-mClover

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24096363

Vector Backbone Description: Vector Backbone:pTALYM3; Vector Types:Mammalian Expression, TALEN; Bacterial Resistance:Ampicillin

Plasmid Name: pTALYM3B15

Record Creation Time: 20220422T222246+0000

Record Last Update: 20260808T081734+0000

Ratings and Alerts

No rating or validation information has been found for pTALYM3B15.

No alerts have been found for pTALYM3B15.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Choi DY, et al. (2025) ZSCAN4 functions as a safeguard to maintain centromere integrity during oocyte meiosis. Genome biology, 26(1), 204.

Arfè S, et al. (2025) H3.3 deposition counteracts the replication-dependent enrichment of H3.1 at chromocenters in embryonic stem cells. Nature communications, 16(1), 5138.

Dudka D, et al. (2025) Adaptive evolution of CENP-T modulates centromere binding. Current biology : CB, 35(5), 1012.

Bensaha S, et al. (2025) HP1 loses its chromatin clustering and phase separation function across evolution. Nature communications, 16(1), 6375.

Ye Y, et al. (2024) A surge in cytoplasmic viscosity triggers nuclear remodeling required for Dux silencing and pre-implantation embryo development. Cell reports, 43(3), 113917.

Baumann C, et al. (2023) Acute irradiation induces a senescence-like chromatin structure in mammalian oocytes. Communications biology, 6(1), 1258.

Guthmann M, et al. (2023) A change in biophysical properties accompanies heterochromatin formation in mouse embryos. Genes & development, 37(7-8), 336.

Mihajlovi? AI, et al. (2023) Spindle assembly checkpoint insensitivity allows meiosis-II despite chromosomal defects in aged eggs. EMBO reports, 24(11), e57227.

Scheffler K, et al. (2021) Two mechanisms drive pronuclear migration in mouse zygotes. Nature communications, 12(1), 841.

Mihajlovi? AI, et al. (2021) Distinct classes of lagging chromosome underpin age-related oocyte aneuploidy in mouse. Developmental cell, 56(16), 2273.

Macaulay AD, et al. (2020) Chromosome dynamics and spindle microtubule establishment in mouse embryos. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(6), 8057.

Paim LMG, et al. (2019) Tetraploidy causes chromosomal instability in acentriolar mouse embryos. Nature communications, 10(1), 4834.

Vázquez-Diez C, et al. (2019) Cell-Size-Independent Spindle Checkpoint Failure Underlies Chromosome Segregation Error in Mouse Embryos. Current biology : CB, 29(5), 865.

Wu T, et al. (2018) Spindle tubulin and MTOC asymmetries may explain meiotic drive in oocytes. Nature communications, 9(1), 2952.

Yamazaki T, et al. (2017) Targeted DNA methylation in pericentromeres with genome editing-based artificial DNA methyltransferase. PloS one, 12(5), e0177764.

Lane SIR, et al. (2017) DNA damage induces a kinetochore-based ATM/ATR-independent SAC arrest unique to the first meiotic division in mouse oocytes. Development

(Cambridge, England), 144(19), 3475.

Maison C, et al. (2016) The methyltransferase Suv39h1 links the SUMO pathway to HP1? marking at pericentric heterochromatin. Nature communications, 7, 12224.

Arakawa T, et al. (2015) Stella controls chromocenter formation through regulation of Daxx expression in 2-cell embryos. Biochemical and biophysical research communications, 466(1), 60.

Ricci MA, et al. (2015) Chromatin fibers are formed by heterogeneous groups of nucleosomes in vivo. Cell, 160(6), 1145.