

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

KOMP ES cell line *Meioctm1a(KOMP)Wtsi*

RRID:MMRRC_058508-UCD

Type: Organism

Proper Citation

RRID:MMRRC_058508-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=58508

Proper Citation: RRID:MMRRC_058508-UCD

Description: Mus musculus with name KOMP ES cell line *Meioctm1a(KOMP)Wtsi* from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: KOMP

Phenotype: small ovary [MP:0001127]| small testis [MP:0001147]| male infertility [MP:0001925]| female infertility [MP:0001926]| absent ovarian follicles [MP:0002777]| absent oocytes [MP:0004805]| decreased male germ cell number [MP:0004901]| azoospermia [MP:0005159]| decreased oocyte number [MP:0005431]| arrest of male meiosis [MP:0008261]| abnormal synaptonemal complex [MP:0009452]| abnormal female meiosis I arrest [MP:0010767]| abnormal double-strand DNA break repair [MP:0010948]| increased male germ cell apoptosis [MP:0014052]

Affected Gene: Meioc

Catalog Number: 058508-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21677750](#)

Alternate IDs: MMRRC_58508-UCD, MMRRC_058508, MMRRC_5858

Organism Name: KOMP ES cell line *Meioctm1a(KOMP)Wtsi*

Record Creation Time: 20230308T055408+0000

Record Last Update: 20260829T125021+0000

Ratings and Alerts

No rating or validation information has been found for KOMP ES cell line *Meioc tm1a(KOMP)Wtsi*.

No alerts have been found for KOMP ES cell line *Meioc tm1a(KOMP)Wtsi*.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.