

Resource Summary Report

Generated by [Kravitz](#) on Sep 15, 2026

C57BL/6N-Ctc1^{tm1a(KOMP)Wtsi}/leg

RRID:IMSR_EM:10068

Type: Organism

Proper Citation

RRID:IMSR_EM:10068

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=10068>

Proper Citation: RRID:IMSR_EM:10068

Description: Mus musculus with name C57BL/6N-Ctc1^{tm1a(KOMP)Wtsi}/leg from IMSR.

Species: Mus musculus

Notes: gene symbol note: CTS telomere maintenance complex component 1; mutant strain: Ctc1

Affected Gene: CTS telomere maintenance complex component 1

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:10068

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Organism Name: C57BL/6N-Ctc1^{tm1a(KOMP)Wtsi}/leg

Record Creation Time: 20250513T062257+0000

Record Last Update: 20260912T065214+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6N-Ctc1^{tm1a(KOMP)Wtsi}/leg.

No alerts have been found for C57BL/6N-Ctc1^{tm1a(KOMP)Wtsi}/leg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

King A, et al. (2025) Shieldin and CST co-orchestrate DNA polymerase-dependent tailed-end joining reactions independently of 53BP1-governed repair pathway choice. Nature structural & molecular biology, 32(1), 86.