

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## STOCK *Lig4<sup>tiny</sup>*/Mmucd

RRID:MMRRC\_031685-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_031685-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=31685](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=31685)

**Proper Citation:** RRID:MMRRC\_031685-UCD

**Description:** Mus musculus with name STOCK *Lig4<sup>tiny</sup>*/Mmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Developmental Biology, Hematology, Immunology and Inflammation, Models for Human Disease; Mutation Type: chemically induced mutation ; Collection: NHMRC Australian PhenomeBank

**Phenotype:** decreased bone marrow cell number [MP:0000333]| absent CD8-positive [MP:0000727]| alpha-beta T cells [MP:0001265]| decreased body size [MP:0001732]| postnatal growth retardation [MP:0002416]| abnormal proerythroblast morphology [MP:0004810]| decreased hematopoietic stem cell number [MP:0005016]| decreased lymphocyte cell number [MP:0005017]| decreased B cell number [MP:0008058]| abnormal DNA repair [MP:0011101]| prenatal lethality [MP:0011704]

**Affected Gene:** Lig4

**Catalog Number:** 031685-UCD

**Background:** chemically induced mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:19451691](#), [PMID:17554302](#)

**Alternate IDs:** MMRRC\_31685-UCD, MMRRC\_031685, MMRRC\_31685

**Organism Name:** STOCK *Lig4<sup>tiny</sup>*/Mmucd

**Record Creation Time:** 20230308T055124+0000

**Record Last Update:** 20260815T124614+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK *Lig4<sup>tiny</sup>*/Mmucd.

No alerts have been found for STOCK *Lig4<sup>tiny</sup>*/Mmucd.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.