

# Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

## C.129-Slc25a13<sup>tm1Lct</sup>/SinaMmjax

RRID:MMRRC\_069594-JAX

Type: Organism

### Proper Citation

RRID:MMRRC\_069594-JAX

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=69594](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=69594)

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**Description:** Mus musculus with name C.129-Slc25a13<sup>tm1Lct</sup>/SinaMmjax from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Metabolism; Mutation Type: Targeted Mutation ; Collection:

**Phenotype:** hypoglycemia [MP:0000189]| decreased body weight [MP:0001262]| increased circulating free fatty acid level [MP:0001554]| postnatal growth retardation [MP:0001732]| premature death [MP:0002083]| hepatic steatosis [MP:0002628]| decreased circulating insulin level [MP:0002727]| increased circulating alkaline phosphatase level [MP:0002968]| abnormal gluconeogenesis [MP:0003383]| increased circulating glycerol level [MP:0003443]| increased circulating ammonia level [MP:0005309]| abnormal circulating amino acid level [MP:0005311]| abnormal amino acid level [MP:0005332]| increased liver triglyceride level [MP:0009355]| abnormal blood homeostasis [MP:0009642]| abnormal urine homeostasis [MP:0009643]

**Affected Gene:** Slc25a13

**Catalog Number:** 069594-JAX

**Background:** Targeted Mutation

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

**Database Abbreviation:** MMRRC

**Source References:** [PMID:14701727](#)

**Alternate IDs:** MMRRC\_69594-JAX, MMRRC\_069594, MMRRC\_69594

**Organism Name:** C.129-*Slc25a13*<sup>tm1Lct</sup>/SinaMmjax

**Record Creation Time:** 20230308T055518+0000

**Record Last Update:** 20260815T130941+0000

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## Ratings and Alerts

No rating or validation information has been found for C.129-*Slc25a13*<sup>tm1Lct</sup>/SinaMmjax.

**Warning:** Warning. Researchers have noted that this genotype does not sufficiently model human citrullinemia.

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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.