

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

## [Mcoln1<sup>tm1Asoy</sup>/Mcoln1<sup>tm1Asoy</sup>](#)

RRID:MGI:5050100

Type: Organism

### Proper Citation

RRID:MGI:5050100

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5050100

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** postnatal growth retardation, hindlimb paralysis, abnormal stomach morphology, enlarged stomach, increased stomach pH, abnormal gastric parietal cell morphology, increased circulating gastrin level

**Affected Gene:** Mcoln1

**Genomic Alteration:** tm1Asoy

**Catalog Number:** 5050100

**Background:** involves: 129 \* C57BL/6

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21111738](#)

**Organism Name:** Mcoln1<sup>tm1Asoy</sup>/Mcoln1<sup>tm1Asoy</sup>

**Record Creation Time:** 20240120T190217+0000

**Record Last Update:** 20240130T201800+0000

---

## Ratings and Alerts

No rating or validation information has been found for Mcoln1<sup>tm1Asoy</sup>/Mcoln1<sup>tm1Asoy</sup>.

No alerts have been found for Mcoln1<sup>tm1Asoy</sup>/Mcoln1<sup>tm1Asoy</sup>.

---

## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.