

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[Ep300^{tm1Reck}/Ep300⁺](#)

RRID:MGI:2679422

Type: Organism

Proper Citation

RRID:MGI:2679422

Organism Information

URL:

Proper Citation: RRID:MGI:2679422

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

Species: Mus musculus

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

Phenotype: thin ventricle myocardium compact layer, abnormal vasculogenesis, abnormal muscle fiber morphology, lethality throughout fetal growth and development, incomplete penetrance, abnormal muscle morphology, perinatal lethality, complete penetrance, abnormal myogenesis, edema, decreased skeletal muscle fiber size, embryonic lethality during organogenesis, incomplete penetrance, abnormal heart development, abnormal lung development, embryonic lethality during organogenesis, incomplete penetrance, respiratory failure, abnormal small intestinal villus morphology, perinatal lethality, complete penetrance, ventricular septal defect, thin ventricular wall, lethality throughout fetal growth and development, incomplete penetrance, decreased body size, edema, atrial septal defect, abnormal epicardium morphology, abnormal heart valve morphology, perimembraneous ventricular septal defect, delayed heart development, abnormal atrioventricular septum morphology, myocardium hypoplasia, abnormal small intestine morphology, cyanosis, abnormal intestinal epithelium morphology, hemorrhage, internal hemorrhage, thin myocardium

Affected Gene: Ep300

Genomic Alteration: tm1Reck

Catalog Number: 2679422

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14517255](#), [PMID:14517256](#)

Organism Name: Ep300^{tm1Reck}/Ep300⁺

Record Creation Time: 20240120T190721+0000

Record Last Update: 20240130T202051+0000

Ratings and Alerts

No rating or validation information has been found for Ep300^{tm1Reck}/Ep300⁺.

No alerts have been found for Ep300^{tm1Reck}/Ep300⁺.

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.