

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Lrp4^{mitt}](#)/[Lrp4^{mitt}](#)

RRID:MGI:3708883

Type: Organism

Proper Citation

RRID:MGI:3708883

Organism Information

URL:

Proper Citation: RRID:MGI:3708883

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: abnormal neuromuscular synapse morphology, small lung, syndactyly, single kidney, respiratory failure, oligodactyly, atelectasis, no spontaneous movement, neonatal lethality, complete penetrance, fused metatarsal bones, fused metacarpal bones, abnormal motor neuron morphology, failure of neuromuscular synapse presynaptic differentiation, failure of neuromuscular synapse postsynaptic differentiation, ectopic digits, cyanosis, absent kidney, abnormal vibrissa morphology, abnormal tooth development, abnormal phrenic nerve morphology, abnormal mammary gland bud morphology, abnormal hair follicle development, abnormal digit morphology, abnormal autopod morphology, abnormal apical ectodermal ridge morphology

Affected Gene: Lrp4

Genomic Alteration: mitt

Catalog Number: 3708883

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17119023](#), [PMID:22794264](#)

Organism Name: Lrp4^{mitt}/Lrp4^{mitt}

Record Creation Time: 20240120T190524+0000

Record Last Update: 20240130T201944+0000

Ratings and Alerts

No rating or validation information has been found for Lrp4^{mitt}/Lrp4^{mitt}.

No alerts have been found for Lrp4^{mitt}/Lrp4^{mitt}.

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.