

Resource Summary Report

Generated by [NIF](#) on Aug 5, 2026

[Chat^{tm1.1Jrs}/Chat^{tm1.1Jrs}](#)

RRID:MGI:3046097

Type: Organism

Proper Citation

RRID:MGI:3046097

Organism Information

URL:

Proper Citation: RRID:MGI:3046097

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

Species: Mus musculus

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

Phenotype: abnormal phrenic nerve morphology, carpoptosis, kyphosis, increased motor neuron number, abnormal innervation pattern to muscle, abnormal neuromuscular synapse morphology, diaphragmatic hernia, abnormal muscle morphology, neonatal lethality, complete penetrance, thin diaphragm muscle, abnormal Schwann cell morphology

Affected Gene: Chat

Genomic Alteration: tm1.1Jrs

Catalog Number: 3046097

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12441053](#)

Organism Name: Chat^{tm1.1Jrs}/Chat^{tm1.1Jrs}

Record Creation Time: 20240120T190656+0000

Record Last Update: 20240130T202037+0000

Ratings and Alerts

No rating or validation information has been found for Chat^{tm1.1Jrs}/Chat^{tm1.1Jrs}.

No alerts have been found for Chat^{tm1.1Jrs}/Chat^{tm1.1Jrs}.

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.