

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

[Mapk6^{tm1Melo}/Mapk6^{tm1Melo}](#)

RRID:MGI:4365550

Type: Organism

Proper Citation

RRID:MGI:4365550

Organism Information

URL:

Proper Citation: RRID:MGI:4365550

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

Species: Mus musculus

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

Phenotype: neonatal lethality, complete penetrance, respiratory distress, decreased heart weight, decreased fetal weight, pulmonary hypoplasia, abnormal vocalization, cyanosis, impaired coordination, respiratory failure, unresponsive to tactile stimuli, abnormal lung sacculle morphology, abnormal suckling behavior, abnormal type II pneumocyte morphology, atelectasis, decreased lung weight, carpopoptosis, kyphosis, abnormal lung development, decreased liver weight

Affected Gene: Mapk6

Genomic Alteration: tm1Melo

Catalog Number: 4365550

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19805361](#)

Organism Name: Mapk6^{tm1Melo}/Mapk6^{tm1Melo}

Record Creation Time: 20240120T190320+0000

Record Last Update: 20240130T201832+0000

Ratings and Alerts

No rating or validation information has been found for Mapk6^{tm1Melo}/Mapk6^{tm1Melo}.

No alerts have been found for Mapk6^{tm1Melo}/Mapk6^{tm1Melo}.

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.