

Resource Summary Report

Generated by [ASWG](#) on Aug 15, 2026

[Meox2^{tm1Vpa}/Meox2^{tm1Vpa}; Meox1^{tm1Bmk}/Meox1^{tm1Bmk}](#)

RRID:MGI:2674285

Type: Organism

Proper Citation

RRID:MGI:2674285

Organism Information

URL:

Proper Citation: RRID:MGI:2674285

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

Species: Mus musculus

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

Phenotype: abnormal myotome development, abnormal dorsal-ventral polarity of the somites, abnormal axial skeleton morphology, abnormal dermomyotome development, abnormal vertebrae morphology, abnormal dorsal root ganglion morphology, abnormal vertebral column morphology, cyanosis, decreased brown adipose tissue amount, fused dorsal root ganglion, loose skin, abnormal somite development, absent ribs, absent caudal vertebrae, vestigial tail, neonatal lethality, complete penetrance, occipital bone hypoplasia, abnormal skeletal muscle morphology, abnormal epaxial muscle morphology, abnormal hypaxial muscle morphology, decreased body length, abnormal sternum morphology, abnormal spinal nerve morphology, abnormal somite size, abnormal somite shape, abnormal sclerotome morphology

Affected Gene: Meox2, Meox1

Genomic Alteration: tm1Vpa, tm1Bmk

Catalog Number: 2674285

Background: involves: 129P2/OlaHsd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12925591](#)

Organism Name: Meox2^{tm1Vpa}/Meox2^{tm1Vpa}; Meox1^{tm1Bmk}/Meox1^{tm1Bmk}

Record Creation Time: 20240120T190727+0000

Record Last Update: 20240130T202055+0000

Ratings and Alerts

No rating or validation information has been found for Meox2^{tm1Vpa}/Meox2^{tm1Vpa}; Meox1^{tm1Bmk}/Meox1^{tm1Bmk}.

No alerts have been found for Meox2^{tm1Vpa}/Meox2^{tm1Vpa}; Meox1^{tm1Bmk}/Meox1^{tm1Bmk}.

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.