

Resource Summary Report

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

[Mib1^{tm1Kong}/Mib1^{tm1Kong}](#)

RRID:MGI:3603810

Type: Organism

Proper Citation

RRID:MGI:3603810

Organism Information

URL:

Proper Citation: RRID:MGI:3603810

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

Species: Mus musculus

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

Phenotype: premature neuronal precursor differentiation, poor arterial differentiation, failure of heart looping, abnormal blood circulation, abnormal vascular regression, abnormal notochord morphology, kinked neural tube, absent intersomitic vessels, abnormal dorsal aorta morphology, distended pericardium, embryonic lethality during organogenesis, complete penetrance, abnormal neural tube morphology, fused somites, abnormal dorsal-ventral polarity of the somites, abnormal angiogenesis, abnormal intersomitic vessel morphology, embryonic growth retardation, abnormal vitelline vascular remodeling, caudal body truncation, abnormal visceral yolk sac morphology, small heart, abnormal paraxial mesoderm morphology, absent second pharyngeal arch

Affected Gene: Mib1

Genomic Alteration: tm1Kong

Catalog Number: 3603810

Background: either: B6.129P2-Mib1 or (involves: 129P2/OlaHsd * FVB/N)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16000382](#)

Organism Name: Mib1^{tm1Kong}/Mib1^{tm1Kong}

Record Creation Time: 20240120T190618+0000

Record Last Update: 20240130T202114+0000

Ratings and Alerts

No rating or validation information has been found for Mib1^{tm1Kong}/Mib1^{tm1Kong}.

No alerts have been found for Mib1^{tm1Kong}/Mib1^{tm1Kong}.

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.