

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

[Map3k7](#)[Gt\(XB444\)Byg](#)/[Map3k7](#)[Gt\(XB444\)Byg](#)

RRID:MGI:3621649

Type: Organism

Proper Citation

RRID:MGI:3621649

Organism Information

URL:

Proper Citation: RRID:MGI:3621649

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: embryo tissue necrosis, abnormal vitelline vascular remodeling, abnormal blood vessel morphology, abnormal heart morphology, abnormal vascular development, small heart, hemorrhage, edema, abnormal dorsal aorta morphology, abnormal vitelline vasculature morphology, abnormal vascular smooth muscle morphology, abnormal vascular regression, abnormal myocardial trabeculae morphology, abnormal pharyngeal arch artery morphology, thin myocardium compact layer, short tail, decreased embryo size, pericardial edema, embryonic lethality during organogenesis, complete penetrance, microcephaly

Affected Gene: Map3k7

Genomic Alteration: Gt(XB444)Byg

Catalog Number: 3621649

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

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16556914](#)

Organism Name: Map3k7^{Gt(XB444)Byg}/Map3k7^{Gt(XB444)Byg}

Record Creation Time: 20240120T190601+0000

Record Last Update: 20240130T202006+0000

Ratings and Alerts

No rating or validation information has been found for Map3k7^{Gt(XB444)Byg}/Map3k7^{Gt(XB444)Byg}.

No alerts have been found for Map3k7^{Gt(XB444)Byg}/Map3k7^{Gt(XB444)Byg}.

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.