

Resource Summary Report

Generated by [nidm-terms](#) on Aug 5, 2026

Chd7Gt(XK403)Byg/Chd7[±]

RRID:MGI:4410358

Type: Organism

Proper Citation

RRID:MGI:4410358

Organism Information

URL:

Proper Citation: RRID:MGI:4410358

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

Species: Mus musculus

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

Phenotype: abnormal cardiac outflow tract development, circling, aorta coarctation, embryonic lethality during organogenesis, incomplete penetrance, fusion of glossopharyngeal and vagus nerve, interrupted aortic arch, postnatal lethality, incomplete penetrance, abnormal cranial nerve morphology, abnormal pharyngeal arch artery morphology, abnormal fourth pharyngeal arch artery morphology, abnormal neural crest cell migration, abnormal pulmonary trunk morphology, abnormal sixth pharyngeal arch artery morphology, abnormal subclavian artery morphology, abnormal vagus nerve morphology

Affected Gene: Chd7

Genomic Alteration: Gt(XK403)Byg

Catalog Number: 4410358

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:19855134](#)

Organism Name: Chd7^{Gt(XK403)Byg}/Chd7⁺

Record Creation Time: 20240120T190316+0000

Record Last Update: 20240130T201842+0000

Ratings and Alerts

No rating or validation information has been found for Chd7^{Gt(XK403)Byg}/Chd7⁺.

No alerts have been found for Chd7^{Gt(XK403)Byg}/Chd7⁺.

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.