

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Zic3^{tm1Bca}/Zic3^{tm1Bca}](#)

RRID:MGI:3618629

Type: Organism

Proper Citation

RRID:MGI:3618629

Organism Information

URL:

Proper Citation: RRID:MGI:3618629

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

Species: Mus musculus

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

Phenotype: abnormal basal ganglion morphology, vertebral transformation, interrupted aortic arch, ventricular septal defect, disorganized thalamus, transposition of great arteries, lung situs inversus, abnormal midbrain morphology, abnormal heart looping, abnormal forebrain morphology, abnormal olfactory nerve morphology, abnormal heart position or orientation, abnormal hippocampus morphology, right aortic arch, abnormal embryo turning, right pulmonary isomerism, abnormal diencephalon morphology, abnormal liver morphology, spleen hypoplasia, postnatal lethality, incomplete penetrance, abnormal cerebral cortex morphology, abnormal cardiovascular system morphology, abnormal heart development, right-sided stomach, abnormal axial skeleton morphology, abnormal left-right axis patterning, open neural tube, left pulmonary isomerism, exencephaly, prenatal lethality, incomplete penetrance, delayed neural tube closure, abnormal rib morphology, embryonic growth retardation, atrial septal defect, anencephaly, absent cerebellum, abnormal vertebrae morphology

Affected Gene: Zic3

Genomic Alteration: tm1Bca

Catalog Number: 3618629

Background: involves: 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11959836](#)

Organism Name: Zic3^{tm1Bca}/Zic3^{tm1Bca}

Record Creation Time: 20240120T190605+0000

Record Last Update: 20240130T202008+0000

Ratings and Alerts

No rating or validation information has been found for Zic3^{tm1Bca}/Zic3^{tm1Bca}.

No alerts have been found for Zic3^{tm1Bca}/Zic3^{tm1Bca}.

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.