

Resource Summary Report

Generated by [NIF](#) on Sep 23, 2026

Tg(CAG-Bgeo/GFP)21Lbe; Cacnb2^{tm1.1Mfre}/Cacnb2^{tm1.1Mfre}

RRID:MGI:3762359

Type: Organism

Proper Citation

RRID:MGI:3762359

Organism Information

URL:

Proper Citation: RRID:MGI:3762359

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

Species: Mus musculus

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

Phenotype: abnormal cardiovascular system physiology, abnormal face development, decreased hemangioblast number, abnormal heart tube morphology, delayed brain development, embryonic lethality during organogenesis, complete penetrance, abnormal vitelline vascular remodeling, abnormal heart development, thin myocardium, abnormal myocardial fiber physiology, embryonic growth retardation, hemorrhage, abnormal heart looping, decreased cardiac output, pale yolk sac, abnormal cardiovascular system morphology, decreased heart rate, pericardial effusion

Affected Gene: Cacnb2, Tg(CAG-Bgeo/GFP)21Lbe

Genomic Alteration: Tg(CAG-Bgeo/GFP)21Lbe, tm1.1Mfre

Catalog Number: 3762359

Background: involves: 129S1/Sv * 129S4/SvJae * 129X1/SvJ * C57BL/6N * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16946137](#)

Organism Name: Tg(CAG-Bgeo/GFP)21Lbe; Cacnb2^{tm1.1Mfre}/Cacnb2^{tm1.1Mfre}

Record Creation Time: 20240120T190456+0000

Record Last Update: 20240130T201929+0000

Ratings and Alerts

No rating or validation information has been found for Tg(CAG-Bgeo/GFP)21Lbe; Cacnb2^{tm1.1Mfre}/Cacnb2^{tm1.1Mfre}.

No alerts have been found for Tg(CAG-Bgeo/GFP)21Lbe; Cacnb2^{tm1.1Mfre}/Cacnb2^{tm1.1Mfre}.

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.