

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[Rapgef2^{tm1.1Hous}/Rapgef2^{tm1.1Hous}; Tg\(CAG-cre/Esr1*\)5Amc](#)

RRID:MGI:4839181

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4839181

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

Species: Mus musculus

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

Phenotype: decreased birth body size, lethality throughout fetal growth and development, incomplete penetrance, pale liver, pallor, abnormal vascular development, abnormal definitive hematopoiesis, decreased erythroid progenitor cell number

Affected Gene: Rapgef2

Genomic Alteration: tm1.1Hous, Tg(CAG-cre/Esr1*)5Amc

Catalog Number: 4839181

Background: involves: 129S1/Sv * C57BL/6 * CBA

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20595512](#)

Organism Name: Rapgef2^{tm1.1Hous}/Rapgef2^{tm1.1Hous}; Tg(CAG-cre/Esr1*)5Amc

Record Creation Time: 20240120T190240+0000

Record Last Update: 20240130T201812+0000

Ratings and Alerts

No rating or validation information has been found for Rapgef2^{tm1.1Hous}/Rapgef2^{tm1.1Hous}; Tg(CAG-cre/Esr1*)5Amc.

No alerts have been found for Rapgef2^{tm1.1Hous}/Rapgef2^{tm1.1Hous}; Tg(CAG-cre/Esr1*)5Amc.

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.