

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[Tg\(Myh6-cre/Esr1*\)1Liao; Rac1^{tm1Djk}/Rac1^{tm1.1Djk}](#)

RRID:MGI:3654330

Type: Organism

Proper Citation

RRID:MGI:3654330

Organism Information

URL:

Proper Citation: RRID:MGI:3654330

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 enzyme/coenzyme activity, abnormal myocardial fiber morphology, increased left ventricle weight, abnormal myocardium layer morphology, oxidative stress, cardiac hypertrophy, increased NAD(P)H oxidase activity

Affected Gene: Rac1

Genomic Alteration: tm1Djk, Tg(Myh6-cre/Esr1*)1Liao, tm1.1Djk

Catalog Number: 3654330

Background: involves: 129S4/SvJae * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16651530](#)

Organism Name: Tg(Myh6-cre/Esr1*)1Liao; Rac1^{tm1Djk}/Rac1^{tm1.1Djk}

Record Creation Time: 20240120T190548+0000

Record Last Update: 20240130T201958+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Myh6-cre/Esr1*)1Liao; Rac1^{tm1Djk}/Rac1^{tm1.1Djk}.

No alerts have been found for Tg(Myh6-cre/Esr1*)1Liao; Rac1^{tm1Djk}/Rac1^{tm1.1Djk}.

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.