

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}; Acvr2b^{tm1Enl}/Acvr2b^{tm1Enl}](#)

RRID:MGI:3696942

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3696942

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

Species: Mus musculus

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

Phenotype: failure to gastrulate, increased embryonic epiblast cell apoptosis, embryonic lethality between implantation and somite formation, complete penetrance, embryonic growth arrest, absent mesoderm, embryonic-extraembryonic boundary constriction

Affected Gene: Acvr2a, Acvr2b

Genomic Alteration: tm1Hsch, tm1Enl

Catalog Number: 3696942

Background: involves: 129S1/Sv * 129S4/SvJae * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10452853](#)

Organism Name: Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}; Acvr2b^{tm1Enl}/Acvr2b^{tm1Enl}

Record Creation Time: 20240120T190534+0000

Record Last Update: 20240130T201949+0000

Ratings and Alerts

No rating or validation information has been found for Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}; Acvr2b^{tm1Enl}/Acvr2b^{tm1Enl}.

No alerts have been found for Acvr2a^{tm1Hsch}/Acvr2a^{tm1Hsch}; Acvr2b^{tm1Enl}/Acvr2b^{tm1Enl}.

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.