

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

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

RRID:MGI:3696943

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3696943

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

Species: Mus musculus

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

Phenotype: embryonic-extraembryonic boundary constriction, absent allantois, absent head fold, abnormal rostral-caudal axis patterning, embryonic growth arrest, abnormal gastrulation, embryonic lethality between implantation and somite formation, complete penetrance, abnormal primitive streak elongation, absent amnion, abnormal mesoderm development, absent heart tube

Affected Gene: Acvr2a, Acvr2b

Genomic Alteration: tm1Hsch, tm1Enl

Catalog Number: 3696943

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⁺

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⁺.

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

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.