

# Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

[Acvr2a<sup>tm1Hsch</sup>/Acvr2a<sup>tm1Hsch</sup>; Acvr2b<sup>tm1Enl</sup>/Acvr2b<sup>tm1Enl</sup>](#)

RRID:MGI:3696942

Type: Organism

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## Proper Citation

RRID:MGI:3696942

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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<sup>tm1Hsch</sup>/Acvr2a<sup>tm1Hsch</sup>; Acvr2b<sup>tm1Enl</sup>/Acvr2b<sup>tm1Enl</sup>

**Record Creation Time:** 20240120T190534+0000

**Record Last Update:** 20240130T201949+0000

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## Ratings and Alerts

No rating or validation information has been found for Acvr2a<sup>tm1Hsch</sup>/Acvr2a<sup>tm1Hsch</sup>; Acvr2b<sup>tm1Enl</sup>/Acvr2b<sup>tm1Enl</sup>.

No alerts have been found for Acvr2a<sup>tm1Hsch</sup>/Acvr2a<sup>tm1Hsch</sup>; Acvr2b<sup>tm1Enl</sup>/Acvr2b<sup>tm1Enl</sup>.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.