

# Resource Summary Report

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

[Lrp6<sup>tm1.1Vari</sup>/Lrp6<sup>tm1.1Vari</sup>; Twist2<sup>tm1 cre</sup>Dor/Twist2<sup>+</sup>](#); [Lrp5<sup>tm1.2Vari</sup>/Lrp5<sup>tm1.2Vari</sup>](#)

RRID:MGI:5299324

Type: Organism

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## Proper Citation

RRID:MGI:5299324

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:5299324

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

**Species:** Mus musculus

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

**Phenotype:** abnormal cartilage morphology, abnormal epiphyseal plate morphology, abnormal cranium morphology, abnormal joint morphology, abnormal limb morphology, decreased body size, neonatal lethality, complete penetrance, abnormal trabecular bone morphology, abnormal skeleton morphology, abnormal osteoblast differentiation, abnormal bone ossification, abnormal bone structure, split sternum, failure of bone ossification, ectopic cartilage, decreased width of hypertrophic chondrocyte zone

**Affected Gene:** Lrp6, Lrp5, Twist2

**Genomic Alteration:** tm1 cre Dor, tm1.2Vari, tm1.1Vari

**Catalog Number:** 5299324

**Background:** involves: 129S1/Sv \* 129X1/SvJ

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:21924256](#)

**Organism Name:** Lrp6<sup>tm1.1Vari</sup>/Lrp6<sup>tm1.1Vari</sup>; Twist2<sup>tm1(cre)Dor</sup>/Twist2<sup>+</sup>; Lrp5<sup>tm1.2Vari</sup>/Lrp5<sup>tm1.2Vari</sup>

**Record Creation Time:** 20240120T190203+0000

**Record Last Update:** 20240130T201752+0000

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## Ratings and Alerts

No rating or validation information has been found for Lrp6<sup>tm1.1Vari</sup>/Lrp6<sup>tm1.1Vari</sup>; Twist2<sup>tm1(cre)Dor</sup>/Twist2<sup>+</sup>; Lrp5<sup>tm1.2Vari</sup>/Lrp5<sup>tm1.2Vari</sup>.

No alerts have been found for Lrp6<sup>tm1.1Vari</sup>/Lrp6<sup>tm1.1Vari</sup>; Twist2<sup>tm1(cre)Dor</sup>/Twist2<sup>+</sup>; Lrp5<sup>tm1.2Vari</sup>/Lrp5<sup>tm1.2Vari</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.