

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[Ift172^{wim}/Ift172^{wim}; Smo^{bnb}/Smo^{bnb}](#)

RRID:MGI:3624270

Type: Organism

Proper Citation

RRID:MGI:3624270

Organism Information

URL:

Proper Citation: RRID:MGI:3624270

Description: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Chemically induced (ENU) This is a legacy resource.

Phenotype: decreased motor neuron number, open neural tube, abnormal direction of heart looping, embryonic lethality during organogenesis, complete penetrance

Affected Gene: Ift172, Smo

Genomic Alteration: bnb, wim

Catalog Number: 3624270

Background: involves: C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16061793](#)

Organism Name: Ift172^{wim}/Ift172^{wim}; Smo^{bnb}/Smo^{bnb}

Record Creation Time: 20240120T190558+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for $\text{Ift172}^{\text{wim}}/\text{Ift172}^{\text{wim}}; \text{Smo}^{\text{bnb}}/\text{Smo}^{\text{bnb}}$.

No alerts have been found for $\text{Ift172}^{\text{wim}}/\text{Ift172}^{\text{wim}}; \text{Smo}^{\text{bnb}}/\text{Smo}^{\text{bnb}}$.

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.