

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

[Smad4^{tm1Rob}/Smad4^{tm1.1Rob}; Amhr2^{tm3\(cre\)Bhr}/Amhr2⁺](#)

RRID:MGI:3624725

Type: Organism

Proper Citation

RRID:MGI:3624725

Organism Information

URL:

Proper Citation: RRID:MGI:3624725

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

Species: Mus musculus

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

Phenotype: abnormal secondary ovarian follicle morphology, abnormal ovarian follicle morphology, increased circulating progesterone level, abnormal cumulus expansion, infertility, abnormal granulosa cell morphology, absent cumulus expansion, decreased ovulation rate, abnormal ovarian folliculogenesis, decreased mature ovarian follicle number, decreased litter size, decreased oocyte number

Affected Gene: Smad4, Amhr2

Genomic Alteration: tm3(cre)Bhr, tm1Rob, tm1.1Rob

Catalog Number: 3624725

Background: involves: 129S/SvEv * C57BL/6J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16513794](#)

Organism Name: Smad4^{tm1Rob}/Smad4^{tm1.1Rob}; Amhr2^{tm3(cre)Bhr}/Amhr2⁺

Record Creation Time: 20240120T190558+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for Smad4^{tm1Rob}/Smad4^{tm1.1Rob}; Amhr2^{tm3(cre)Bhr}/Amhr2⁺.

No alerts have been found for Smad4^{tm1Rob}/Smad4^{tm1.1Rob}; Amhr2^{tm3(cre)Bhr}/Amhr2⁺.

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.