

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

[Gnrh1^{tm1.1Hjn}/Gnrh1^{tm1.1Hjn}](#)

RRID:MGI:4949470

Type: Organism

Proper Citation

RRID:MGI:4949470

Organism Information

URL:

Proper Citation: RRID:MGI:4949470

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

Species: Mus musculus

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

Phenotype: increased circulating luteinizing hormone level, short proestrus, short metestrus, nervous system phenotype, delayed vaginal opening, short estrous cycle, increased circulating progesterone level, increased circulating estradiol level, delayed female fertility, abnormal ovary physiology, abnormal female reproductive system physiology, short diestrus, abnormal hormone level

Affected Gene: Gnrh1

Genomic Alteration: tm1.1Hjn

Catalog Number: 4949470

Background: involves: C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:21368045](#)

Organism Name: Gnrh1^{tm1.1Hjn}/Gnrh1^{tm1.1Hjn}

Record Creation Time: 20240120T190225+0000

Record Last Update: 20240130T201804+0000

Ratings and Alerts

No rating or validation information has been found for Gnrh1^{tm1.1Hjn}/Gnrh1^{tm1.1Hjn}.

No alerts have been found for Gnrh1^{tm1.1Hjn}/Gnrh1^{tm1.1Hjn}.

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.