

Resource Summary Report

Generated by [NIF](#) on Aug 9, 2026

[Ghrhr^{lit}](#)/[Ghrhr^{lit}](#)

RRID:MGI:2677718

Type: Organism

Proper Citation

RRID:MGI:2677718

Organism Information

URL:

Proper Citation: RRID:MGI:2677718

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

Species: Mus musculus

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

Phenotype: increased total body fat amount, increased susceptibility to age related obesity, small pituitary gland, decreased prolactin level, reduced male fertility, abnormal lactation, postnatal growth retardation, decreased growth hormone level, abnormal postnatal growth, proportional dwarf, abnormal skeleton development, decreased somatotroph secretory granule number, decreased somatotroph cell size, decreased somatotroph cell number, behavior/neurological phenotype, abnormal postnatal growth, obese, decreased bone mass, decreased circulating growth hormone level, decreased susceptibility to experimental autoimmune encephalomyelitis, abnormal frequency of paradoxical sleep, abnormal sleep pattern, abnormal metabolism, absent somatotroph secretory granules, abnormal somatotroph morphology

Affected Gene: Ghrhr

Genomic Alteration: lit

Catalog Number: 2677718

Background: C57BL/6J-Ghrhr

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:978118](#), [PMID:7679139](#), [PMID:12960295](#), [PMID:12388430](#), [PMID:12537301](#), [PMID:1270792](#), [PMID:6194978](#)

Organism Name: Ghrhr^{lit}/Ghrhr^{lit}

Record Creation Time: 20240120T190724+0000

Record Last Update: 20240130T202053+0000

Ratings and Alerts

No rating or validation information has been found for Ghrhr^{lit}/Ghrhr^{lit}.

No alerts have been found for Ghrhr^{lit}/Ghrhr^{lit}.

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.