

# Resource Summary Report

Generated by ASWG on Sep 21, 2026

## C57BL/6J-Ghrhr<sup>lit</sup>/J

RRID:IMSR\_JAX:000533

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:000533

### Organism Information

**URL:** <https://www.jax.org/strain/000533>

**Proper Citation:** RRID:IMSR\_JAX:000533

**Description:** Mus musculus with name C57BL/6J-Ghrhr<sup>lit</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: growth hormone releasing hormone receptor; coisogenic strain|mutant strain: Ghrhr

**Affected Gene:** growth hormone releasing hormone receptor

**Genomic Alteration:** little

**Catalog Number:** JAX:000533

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** C57BL/6J-Ghrhr<sup>lit</sup>/J

**Record Creation Time:** 20250513T053619+0000

**Record Last Update:** 20260919T054807+0000

### Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Ghrhr<sup>lit</sup>/J.

No alerts have been found for C57BL/6J-Ghrhr<sup>lit</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#) .

Gusmao DO, et al. (2024) Characterization and Regulation of the Neonatal Growth Hormone Surge. *Endocrinology*, 165(12).

Du L, et al. (2023) Growth hormone releasing hormone signaling promotes Th17 cell differentiation and autoimmune inflammation. *Nature communications*, 14(1), 3298.

Wasinski F, et al. (2023) Central growth hormone action regulates neuroglial and proinflammatory markers in the hypothalamus of male mice. *Neuroscience letters*, 806, 137236.

Mader KS, et al. (2015) High-throughput phenotyping and genetic linkage of cortical bone microstructure in the mouse. *BMC genomics*, 16(1), 493.