

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## B6.129S1-Thrb<sup>tm1Df</sup>/J

RRID:IMSR\_JAX:003462

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:003462

### Organism Information

**URL:** <https://www.jax.org/strain/003462>

**Proper Citation:** RRID:IMSR\_JAX:003462

**Description:** Mus musculus with name B6.129S1-Thrb<sup>tm1Df</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: thyroid hormone receptor beta; mutant strain|congenic strain: Thrb

**Affected Gene:** thyroid hormone receptor beta

**Genomic Alteration:** targeted mutation 1; Douglas Forrest

**Catalog Number:** JAX:003462

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S1-Thrb<sup>tm1Df</sup>/J

**Record Creation Time:** 20250513T053639+0000

**Record Last Update:** 20260725T044348+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S1-Thrb<sup>tm1Df</sup>/J.

No alerts have been found for B6.129S1-Thrb<sup>tm1Df</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 3 mentions in open access literature.

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

Roth L, et al. (2023) Thyroid hormones regulate Zfp423 expression in regionally distinct adipose depots through direct and cell-autonomous action. Cell reports, 42(2), 112088.

Lopez-Alcantara N, et al. (2023) Lack of thyroid hormone receptor beta is not detrimental for non-alcoholic steatohepatitis progression. iScience, 26(10), 108064.

Johann K, et al. (2019) Thyroid-Hormone-Induced Browning of White Adipose Tissue Does Not Contribute to Thermogenesis and Glucose Consumption. Cell reports, 27(11), 3385.