

# Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

## B6;129S4-Ror2<sup>tm1.1Meg/J</sup>

RRID:IMSR\_JAX:018354

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:018354

### Organism Information

**URL:** <https://www.jax.org/strain/018354>

**Proper Citation:** RRID:IMSR\_JAX:018354

**Description:** Mus musculus with name B6;129S4-Ror2<sup>tm1.1Meg/J</sup> from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: receptor tyrosine kinase-like orphan receptor 2; mutant stock: Ror2

**Affected Gene:** receptor tyrosine kinase-like orphan receptor 2

**Genomic Alteration:** targeted mutation 1.1; Michael E Greenberg

**Catalog Number:** JAX:018354

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6;129S4-Ror2<sup>tm1.1Meg/J</sup>

**Record Creation Time:** 20250513T053737+0000

**Record Last Update:** 20260829T045038+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S4-Ror2<sup>tm1.1Meg/J</sup>.

No alerts have been found for B6;129S4-Ror2<sup>tm1.1Meg/J</sup>.

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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 [dkNET](#) .

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. *Developmental cell*, 57(13), 1566.

Jing J, et al. (2021) Reciprocal interaction between mesenchymal stem cells and transit amplifying cells regulates tissue homeostasis. *eLife*, 10.

Zhang H, et al. (2019) Agrin-Lrp4-Ror2 signaling regulates adult hippocampal neurogenesis in mice. *eLife*, 8.

O'Brien LL, et al. (2018) Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. *eLife*, 7.