

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

## B6;129S4-Ern1<sup>tm2.1Tiw</sup>/TiwRbrc

RRID:IMSR\_RBRC05515

Type: Organism

### Proper Citation

RRID:IMSR\_RBRC05515

### Organism Information

**URL:** <https://brc.riken.jp/mus/RBRC05515>

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**Description:** Mus musculus with name B6;129S4-Ern1<sup>tm2.1Tiw</sup>/TiwRbrc from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: endoplasmic reticulum to nucleus signalling 1; mutant stock: Ern1

**Affected Gene:** endoplasmic reticulum to nucleus signalling 1

**Genomic Alteration:** targeted mutation 2.1; Takao Iwawaki

**Catalog Number:** RBRC05515

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** embryo

**Organism Name:** B6;129S4-Ern1<sup>tm2.1Tiw</sup>/TiwRbrc

**Record Creation Time:** 20250513T061503+0000

**Record Last Update:** 20260808T054849+0000

### Ratings and Alerts

No rating or validation information has been found for B6;129S4-Ern1<sup>tm2.1Tiw</sup>/TiwRbrc.

No alerts have been found for B6;129S4-Ern1<sup>tm2.1Tiw</sup>/TiwRbrc.

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## Data and Source Information

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

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Roy A, et al. (2021) The IRE1/XBP1 signaling axis promotes skeletal muscle regeneration through a cell non-autonomous mechanism. eLife, 10.