

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 5, 2026

B6;129S4-Ern1^{tm2.1Tiw}/TiwRbrc

RRID:IMSR_RBRC05515

Type: Organism

Proper Citation

RRID:IMSR_RBRC05515

Organism Information

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

Proper Citation: RRID:IMSR_RBRC05515

Description: Mus musculus with name B6;129S4-Ern1^{tm2.1Tiw}/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^{tm2.1Tiw}/TiwRbrc

Record Creation Time: 20250513T061503+0000

Record Last Update: 20260905T052435+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Ern1^{tm2.1Tiw}/TiwRbrc.

No alerts have been found for B6;129S4-Ern1^{tm2.1Tiw}/TiwRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

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.