

# Resource Summary Report

Generated by ASWG on Aug 12, 2026

## B6.Cg-Eef1a1<sup>tm1Rck</sup>/J

RRID:IMSR\_JAX:030305

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:030305

### Organism Information

**URL:** <https://www.jax.org/strain/030305>

**Proper Citation:** RRID:IMSR\_JAX:030305

**Description:** Mus musculus with name B6.Cg-Eef1a1<sup>tm1Rck</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B6(Cg)-Eef1a1/J

**Notes:** gene symbol note: |eukaryotic translation elongation factor 1 alpha 1; mutant strain: |Eef1a1

**Affected Gene:** |eukaryotic translation elongation factor 1 alpha 1

**Genomic Alteration:** targeted mutation 1; Jeffrey M Friedman

**Catalog Number:** JAX:030305

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** B6.Cg-Eef1a1<sup>tm1Rck</sup>/J

**Record Creation Time:** 20250513T053814+0000

**Record Last Update:** 20260808T051012+0000

### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Eef1a1<sup>tm1Rck</sup>/J.

No alerts have been found for B6.Cg-Eef1a1<sup>tm1Rck</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 2 mentions in open access literature.

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

Flury A, et al. (2025) A neurodegenerative cellular stress response linked to dark microglia and toxic lipid secretion. Neuron, 113(4), 554.

Faust TE, et al. (2025) Microglia-astrocyte crosstalk regulates synapse remodeling via Wnt signaling. Cell.