

Resource Summary Report

Generated by [NIF](#) on Aug 8, 2026

B6.Cg-Eef1a1^{tm1Rck}/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^{tm1Rck}/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^{tm1Rck}/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^{tm1Rck}/J.

No alerts have been found for B6.Cg-Eef1a1^{tm1Rck}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.