

Resource Summary Report

Generated by [Kravitz](#) on Sep 20, 2026

STOCK Rapgef2^{tm1.1Hous/J}

RRID:IMSR_JAX:031967

Type: Organism

Proper Citation

RRID:IMSR_JAX:031967

Organism Information

URL: <https://www.jax.org/strain/031967>

Proper Citation: RRID:IMSR_JAX:031967

Description: Mus musculus with name STOCK Rapgef2^{tm1.1Hous/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: Rap guanine nucleotide exchange factor (GEF) 2; mutant stock: Rapgef2

Affected Gene: Rap guanine nucleotide exchange factor (GEF) 2

Genomic Alteration: targeted mutation 1.1; Steven X Hou

Catalog Number: JAX:031967

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Rapgef2^{tm1.1Hous/J}

Record Creation Time: 20250513T053825+0000

Record Last Update: 20260919T055009+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Rapgef2^{tm1.1Hous/J}.

No alerts have been found for STOCK Rapgef2^{tm1.1Hous/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Zhang HY, et al. (2026) Cocaine-Induced Immediate-Early Gene Expression in the Nucleus Accumbens: Roles of Separate cAMP Sensors. Journal of neurochemistry, 170(4), e70374.