

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

STOCK Jup^{tm1.1Glr/J}

RRID:IMSR_JAX:017575

Type: Organism

Proper Citation

RRID:IMSR_JAX:017575

Organism Information

URL: <https://www.jax.org/strain/017575>

Proper Citation: RRID:IMSR_JAX:017575

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

Species: Mus musculus

Notes: gene symbol note: junction plakoglobin; mutant stock: Jup

Affected Gene: junction plakoglobin

Genomic Alteration: targeted mutation 1.1; Glenn L Radice

Catalog Number: JAX:017575

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Jup^{tm1.1Glr/J}

Record Creation Time: 20250513T053733+0000

Record Last Update: 20260829T045032+0000

Ratings and Alerts

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

No alerts have been found for STOCK Jup^{tm1.1Glr/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](#) .

Shoykhet M, et al. (2023) EGFR inhibition leads to enhanced desmosome assembly and cardiomyocyte cohesion via ROCK activation. JCI insight, 8(6).

Schinner C, et al. (2020) The inotropic agent digitoxin strengthens desmosomal adhesion in cardiac myocytes in an ERK1/2-dependent manner. Basic research in cardiology, 115(4), 46.