

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

STOCK Shank3^{tm5.1Gfng/J}

RRID:IMSR_JAX:028800

Type: Organism

Proper Citation

RRID:IMSR_JAX:028800

Organism Information

URL: <https://www.jax.org/strain/028800>

Proper Citation: RRID:IMSR_JAX:028800

Description: Mus musculus with name STOCK Shank3^{tm5.1Gfng/J} from IMSR.

Species: Mus musculus

Synonyms: B6.129(Cg)-Shank3/J

Notes: gene symbol note: SH3 and multiple ankyrin repeat domains 3; mutant stock: Shank3

Affected Gene: SH3 and multiple ankyrin repeat domains 3

Genomic Alteration: targeted mutation 5.1; Guoping Feng

Catalog Number: JAX:028800

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Shank3^{tm5.1Gfng/J}

Record Creation Time: 20250513T053806+0000

Record Last Update: 20260829T045113+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Shank3^{tm5.1Gfng/J}.

No alerts have been found for STOCK Shank3^{tm5.1Gfng/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 [NIF](#) .

Zhang B, et al. (2025) Complementary corticostriatal circuits orchestrate action repetition and switching. Science advances, 11(21), eadt0854.