

Resource Summary Report

Generated by [Kravitz](#) on Sep 19, 2026

STOCK Rspo3^{tm1.1Jcob}/J

RRID:IMSR_JAX:027313

Type: Organism

Proper Citation

RRID:IMSR_JAX:027313

Organism Information

URL: <https://www.jax.org/strain/027313>

Proper Citation: RRID:IMSR_JAX:027313

Description: Mus musculus with name STOCK Rspo3^{tm1.1Jcob}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: R-spondin 3; mutant stock: Rspo3

Affected Gene: R-spondin 3

Genomic Alteration: targeted mutation 1.1; John Cobb

Catalog Number: JAX:027313

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Rspo3^{tm1.1Jcob}/J

Record Creation Time: 20250513T053800+0000

Record Last Update: 20260919T054944+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Rspo3^{tm1.1Jcob}/J.

No alerts have been found for STOCK Rspo3^{tm1.1Jcob}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li JY, et al. (2022) Secondary bile acids mediate high-fat diet-induced upregulation of R-spondin 3 and intestinal epithelial proliferation. JCI insight, 7(19).

Nilsson KH, et al. (2022) Estradiol and RSPO3 regulate vertebral trabecular bone mass independent of each other. American journal of physiology. Endocrinology and metabolism, 322(3), E211.

Goto N, et al. (2022) Lymphatics and fibroblasts support intestinal stem cells in homeostasis and injury. Cell stem cell, 29(8), 1246.

Nilsson KH, et al. (2021) RSPO3 is important for trabecular bone and fracture risk in mice and humans. Nature communications, 12(1), 4923.