

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

STOCK Gata4^{tm1.1Sad}/J

RRID:IMSR_JAX:008194

Type: Organism

Proper Citation

RRID:IMSR_JAX:008194

Organism Information

URL: <https://www.jax.org/strain/008194>

Proper Citation: RRID:IMSR_JAX:008194

Description: Mus musculus with name STOCK Gata4^{tm1.1Sad}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: GATA binding protein 4; mutant stock: Gata4

Affected Gene: GATA binding protein 4

Genomic Alteration: targeted mutation 1.1; Stephen A Duncan

Catalog Number: JAX:008194

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gata4^{tm1.1Sad}/J

Record Creation Time: 20250513T053706+0000

Record Last Update: 20260829T045007+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gata4^{tm1.1Sad}/J.

No alerts have been found for STOCK Gata4^{tm1.1Sad}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Khalid AB, et al. (2021) GATA4 regulates mesenchymal stem cells via direct transcriptional regulation of the WNT signalosome. Bone, 144, 115819.

Güemes M, et al. (2014) GATA4 is essential for bone mineralization via ER α and TGF β /BMP pathways. Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research, 29(12), 2676.

Kyrölähti A, et al. (2011) GATA4 regulates Sertoli cell function and fertility in adult male mice. Molecular and cellular endocrinology, 333(1), 85.