

Resource Summary Report

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

B6.129S6-S100a4^{tm1Egn}/YunkJ

RRID:IMSR_JAX:012904

Type: Organism

Proper Citation

RRID:IMSR_JAX:012904

Organism Information

URL: <https://www.jax.org/strain/012904>

Proper Citation: RRID:IMSR_JAX:012904

Description: Mus musculus with name B6.129S6-S100a4^{tm1Egn}/YunkJ from IMSR.

Species: Mus musculus

Notes: gene symbol note: S100 calcium binding protein A4|; mutant strain|congenic strain: S100a4|

Affected Gene: S100 calcium binding protein A4|

Genomic Alteration: targeted mutation 1; Eric G Neilson

Catalog Number: JAX:012904

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S6-S100a4^{tm1Egn}/YunkJ

Record Creation Time: 20250513T053723+0000

Record Last Update: 20260829T045019+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S6-S100a4^{tm1Egn}/YunkJ.

No alerts have been found for B6.129S6-S100a4^{tm1Egn}/YunkJ.

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](#) .

Leu JS, et al. (2026) Combined inhibition of S100A4 and TIGIT suppresses late-stage breast cancer metastasis. Cancer letters, 649, 218491.

Abdelfattah N, et al. (2022) Single-cell analysis of human glioma and immune cells identifies S100A4 as an immunotherapy target. Nature communications, 13(1), 767.

Ackerman JE, et al. (2019) Cell non-autonomous functions of S100a4 drive fibrotic tendon healing. eLife, 8.