

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

B6;129S4-Col1a1^{tm1Jae}/J

RRID:IMSR_JAX:002495

Type: Organism

Proper Citation

RRID:IMSR_JAX:002495

Organism Information

URL: <https://www.jax.org/strain/002495>

Proper Citation: RRID:IMSR_JAX:002495

Description: Mus musculus with name B6;129S4-Col1a1^{tm1Jae}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: collagen; type I; alpha 1; mutant stock: Col1a1

Affected Gene: collagen; type I; alpha 1

Genomic Alteration: targeted mutation 1; Rudolf Jaenisch

Catalog Number: JAX:002495

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S4-Col1a1^{tm1Jae}/J

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260808T050834+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S4-Col1a1^{tm1Jae}/J.

No alerts have been found for B6;129S4-Col1a1^{tm1Jae}/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 [SPARC SAWG](#) .

Hayward MK, et al. (2026) Tissue tension fosters macrophage-driven lipid peroxidation-induced DNA damage. Cancer cell, 44(6), 1255.

Taylor SH, et al. (2015) Matrix metalloproteinase 14 is required for fibrous tissue expansion. eLife, 4, e09345.