

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

B6.Cg-Col4a5^{tm1Yseg/J}

RRID:IMSR_JAX:006183

Type: Organism

Proper Citation

RRID:IMSR_JAX:006183

Organism Information

URL: <https://www.jax.org/strain/006183>

Proper Citation: RRID:IMSR_JAX:006183

Description: Mus musculus with name B6.Cg-Col4a5^{tm1Yseg/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: collagen; type IV; alpha 5; mutant strain|congenic strain: Col4a5

Affected Gene: collagen; type IV; alpha 5

Genomic Alteration: targeted mutation 1; Yoav Segal

Catalog Number: JAX:006183

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Col4a5^{tm1Yseg/J}

Record Creation Time: 20250513T053655+0000

Record Last Update: 20260912T060440+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Col4a5^{tm1Yseg/J}.

No alerts have been found for B6.Cg-Col4a5^{tm1Yseg/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 [NIF](#) .

Gyarmati G, et al. (2022) Intravital imaging reveals glomerular capillary distension and endothelial and immune cell activation early in Alport syndrome. JCI insight, 7(1).

Omachi K, et al. (2022) NanoLuc reporters identify COL4A5 nonsense mutations susceptible to drug-induced stop codon readthrough. iScience, 25(3), 103891.