

Resource Summary Report

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

STOCK Tg(Hoxb7-Venus*)17Cos/J

RRID:IMSR_JAX:016252

Type: Organism

Proper Citation

RRID:IMSR_JAX:016252

Organism Information

URL: <https://www.jax.org/strain/016252>

Proper Citation: RRID:IMSR_JAX:016252

Description: Mus musculus with name STOCK Tg(Hoxb7-Venus*)17Cos/J from IMSR.

Species: Mus musculus

Synonyms: 129S.Cg-Tg(Hoxb7-Venus*)17Cos/J

Notes: gene symbol note: |homeobox B7|transgene insertion 17; Franklin Costantini;
mutant stock: |Hoxb7|Tg(Hoxb7-Venus*)17Cos

Affected Gene: |homeobox B7|transgene insertion 17; Franklin Costantini

Genomic Alteration: transgene insertion 17; Franklin Costantini

Catalog Number: JAX:016252

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Tg(Hoxb7-Venus*)17Cos/J

Record Creation Time: 20250513T053730+0000

Record Last Update: 20260912T060516+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Hoxb7-Venus*)17Cos/J.

No alerts have been found for STOCK Tg(Hoxb7-Venus*)17Cos/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 [NIF](#) .

Huang B, et al. (2025) Spatially patterned kidney assembloids recapitulate progenitor self-assembly and enable high-fidelity in vivo disease modeling. Cell stem cell, 32(10), 1614.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Mederacke M, et al. (2023) Geometric effects position renal vesicles during kidney development. Cell reports, 42(12), 113526.

Lindstr  m NO, et al. (2018) Progressive Recruitment of Mesenchymal Progenitors Reveals a Time-Dependent Process of Cell Fate Acquisition in Mouse and Human Nephrogenesis. Developmental cell, 45(5), 651.