

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

STOCK Tg(Hoxb7-cre)13Amc/J

RRID:IMSR_JAX:004692

Type: Organism

Proper Citation

RRID:IMSR_JAX:004692

Organism Information

URL: <https://www.jax.org/strain/004692>

Proper Citation: RRID:IMSR_JAX:004692

Description: Mus musculus with name STOCK Tg(Hoxb7-cre)13Amc/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Hoxb7-cre)13Amc

Notes: gene symbol note: |transgene insertion 13; Andrew P McMahon|homeobox B7;
mutant stock: |Tg(Hoxb7-cre)13Amc|Hoxb7

Affected Gene: |transgene insertion 13; Andrew P McMahon|homeobox B7

Genomic Alteration: transgene insertion 13; Andrew P McMahon

Catalog Number: JAX:004692

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(Hoxb7-cre)13Amc/J

Record Creation Time: 20250513T053646+0000

Record Last Update: 20260905T044427+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Hoxb7-cre)13Amc/J.

No alerts have been found for STOCK Tg(Hoxb7-cre)13Amc/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Tham MS, et al. (2024) Deletion of Aurora kinase A prevents the development of polycystic kidney disease in mice. Nature communications, 15(1), 371.

Ryan AR, et al. (2021) Vascular deficiencies in renal organoids and ex vivo kidney organogenesis. Developmental biology, 477, 98.

Dan H, et al. (2020) Circadian Clock Regulation of Developmental Time in the Kidney. Cell reports, 31(7), 107661.

Miyazaki T, et al. (2019) Cell-specific image-guided transcriptomics identifies complex injuries caused by ischemic acute kidney injury in mice. Communications biology, 2, 326.

Haque F, et al. (2017) Non-muscle myosin II deletion in the developing kidney causes ureter-bladder misconnection and apical extrusion of the nephric duct lineage epithelia. Developmental biology, 427(1), 121.

Recuenco MC, et al. (2015) Nonmuscle Myosin II Regulates the Morphogenesis of Metanephric Mesenchyme-Derived Immature Nephrons. Journal of the American Society of Nephrology : JASN, 26(5), 1081.