

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 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: homeobox B7|transgene insertion 13; Andrew P McMahon|; mutant stock: Hoxb7|Tg(Hoxb7-cre)13Amc|

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

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: 20260912T060430+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 [kravitz2](#) .

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.