

# Resource Summary Report

Generated by ASWG on Aug 9, 2026

## STOCK Tg(Hoxb7-cre)13Amc/J

RRID:IMSR\_JAX:004692

Type: Organism

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### Proper Citation

RRID:IMSR\_JAX:004692

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### 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:** 20260808T050848+0000

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### 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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.