Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

STOCK Tg(Six2-EGFP/cre)1Amc/J

RRID:IMSR_JAX:009606
Type: Organism

Proper Citation

RRID:IMSR_JAX:009606

Organism Information

URL: https://www.jax.org/strain/009606

Proper Citation: RRID:IMSR_JAX:009606

Description: Mus musculus with name STOCK Tg(Six2-EGFP/cre)1Amc/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Six2-tTA.tetO-EGFP/cre)1Amc/J

Notes: gene symbol note: transgene insertion 1; Andrew P McMahon||sine oculis-related homeobox 2|tetracycline-controlled transactivator; mutant stock: Tg(Six2-EGFP/cre)1Amc||Six2|tTA

Affected Gene: transgene insertion 1; Andrew P McMahon||sine oculis-related homeobox 2|tetracycline-controlled transactivator

Genomic Alteration: transgene insertion 1; Andrew P McMahon

Catalog Number: JAX:009606

Database: International Mouse Resource Center IMSR, JAX

Database Abbreviation: IMSR

Availability: sperm

Alternate IDs: IMSR_JAX:9606

Organism Name: STOCK Tg(Six2-EGFP/cre)1Amc/J

Record Creation Time: 20230509T193301+0000

Record Last Update: 20240104T174933+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Six2-EGFP/cre)1Amc/J.

No alerts have been found for STOCK Tg(Six2-EGFP/cre)1Amc/J.

Data and Source Information

Source: Integrated Animals

Source Database: International Mouse Resource Center IMSR, JAX

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Taguchi K, et al. (2023) IL-22 promotes acute kidney injury through activation of the DNA damage response and cell death in proximal tubule cells. bioRxiv : the preprint server for biology.

Raymundo JR, et al. (2023) KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis. The Journal of clinical investigation, 134(4).

Saito Y, et al. (2022) Generation of functional chimeric kidney containing exogenous progenitor-derived stroma and nephron via a conditional empty niche. Cell reports, 39(11), 110933.

Du C, et al. (2022) Renal Klotho and inorganic phosphate are extrinsic factors that antagonistically regulate hematopoietic stem cell maintenance. Cell reports, 38(7), 110392.

Lamontagne JO, et al. (2022) Transcription factors AP-2? and AP-2? regulate distinct segments of the distal nephron in the mammalian kidney. Nature communications, 13(1), 2226.

Fuhrmann L, et al. (2021) Effects of Environmental Conditions on Nephron Number: Modeling Maternal Disease and Epigenetic Regulation in Renal Development. International journal of molecular sciences, 22(8).

Marneros AG, et al. (2021) Magnesium and Calcium Homeostasis Depend on KCTD1

Function in the Distal Nephron. Cell reports, 34(2), 108616.

Fiorentino A, et al. (2020) Developmental Renal Glomerular Defects at the Origin of Glomerulocystic Disease. Cell reports, 33(4), 108304.

Li SY, et al. (2019) DNMT1 in Six2 Progenitor Cells Is Essential for Transposable Element Silencing and Kidney Development. Journal of the American Society of Nephrology : JASN, 30(4), 594.

O'Brien LL, et al. (2018) Wnt11 directs nephron progenitor polarity and motile behavior ultimately determining nephron endowment. eLife, 7.

Naiman N, et al. (2017) Repression of Interstitial Identity in Nephron Progenitor Cells by Pax2 Establishes the Nephron-Interstitium Boundary during Kidney Development. Developmental cell, 41(4), 349.

Rasouly HM, et al. (2016) Loss of Zeb2 in mesenchyme-derived nephrons causes primary glomerulocystic disease. Kidney international, 90(6), 1262.