Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

STOCK Nox4$^{tm1.2Hwsc}$ Tg(Myh11-icre/ERT2)1Soff/Orl

RRID:IMSR_EM:11553
Type: Organism

Proper Citation

RRID:IMSR_EM:11553

Organism Information

URL: https://www.infrafrontier.eu/emma/strain-details/?q=11553

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Description: Mus musculus with name STOCK Nox4$^{tm1.2Hwsc}$ Tg(Myh11-icre/ERT2)1Soff/Orl from IMSR.

Species: Mus musculus

Notes: gene symbol note: NADPH oxidase 4|transgene insertion 1; Stefan Offermanns; mutant strain: Nox4|Tg(Myh11-icre/ERT2)1Soff

Affected Gene: NADPH oxidase 4|transgene insertion 1; Stefan Offermanns

Genomic Alteration: targeted mutation 1.2; Harald H H W Schmidt|transgene insertion 1; Stefan Offermanns

Catalog Number: EM:11553

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK Nox4$^{tm1.2Hwsc}$ Tg(Myh11-icre/ERT2)1Soff/Orl

Record Creation Time: 20250513T062306+0000

Record Last Update: 20260725T053036+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Nox4$^{tm1.2Hwsc}$ Tg(Myh11-icre/ERT2)1Soff/Orl.

No alerts have been found for STOCK Nox4$^{tm1.2Hwsc}$ Tg(Myh11-icre/ERT2)1Soff/Orl.

Data and Source Information

Source: Integrated Animals

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Grainger N, et al. (2022) Propagation of Pacemaker Activity and Peristaltic Contractions in the Mouse Renal Pelvis Rely on Ca2+-activated Cl- Channels and T-Type Ca2+ Channels. Function (Oxford, England), 3(6), zqac041.

Cao Y, et al. (2019) Endothelial prostacyclin protects the kidney from ischemia-reperfusion injury. Pflugers Archiv : European journal of physiology, 471(4), 543.