

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

STOCK Nox4^{tm1.2Hwsc} Tg(Tek-cre)1Ywa/Orl

RRID:IMSR_EM:11552

Type: Organism

Proper Citation

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Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=11552>

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Description: Mus musculus with name STOCK Nox4^{tm1.2Hwsc} Tg(Tek-cre)1Ywa/Orl from IMSR.

Species: Mus musculus

Synonyms: C57BL/6-Tg(Tie2-Cre)(Nox4-FF)

Notes: gene symbol note: transgene insertion 1; Masashi Yanagisawa|NADPH oxidase 4; mutant strain: Tg(Tek-cre)1Ywa|Nox4

Affected Gene: transgene insertion 1; Masashi Yanagisawa|NADPH oxidase 4

Genomic Alteration: transgene insertion 1; Masashi Yanagisawa|targeted mutation 1.2; Harald H H W Schmidt

Catalog Number: EM:11552

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK Nox4^{tm1.2Hwsc} Tg(Tek-cre)1Ywa/Orl

Record Creation Time: 20250513T062306+0000

Record Last Update: 20260829T054621+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Nox4^{tm1.2Hwsc} Tg(Tek-cre)1Ywa/Orl.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human cerebral cavernous malformation 2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We have not found any literature mentions for this resource.