

# Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 26, 2026

## STOCK Nox4<sup>tm1.2Hwsc</sup> Tg(Tek-cre)1Ywa/Orl

RRID:IMSR\_EM:11552

Type: Organism

### Proper Citation

RRID:IMSR\_EM:11552

### Organism Information

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

**Proper Citation:** RRID:IMSR\_EM:11552

**Description:** Mus musculus with name STOCK Nox4<sup>tm1.2Hwsc</sup> Tg(Tek-cre)1Ywa/Orl from IMSR.

**Species:** Mus musculus

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

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

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

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

**Catalog Number:** EM:11552

**Database:** European Mouse Mutant Archive

**Database Abbreviation:** EMMA

**Availability:** embryo

**Organism Name:** STOCK Nox4<sup>tm1.2Hwsc</sup> Tg(Tek-cre)1Ywa/Orl

**Record Creation Time:** 20250513T062306+0000

**Record Last Update:** 20260815T055807+0000

### Ratings and Alerts

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

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

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## Data and Source Information

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

**Source Database:** European Mouse Mutant Archive

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.