

# Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

## W-Tg(Tek-GFP)1Soh

RRID:RGD\_4142541

Type: Organism

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### Proper Citation

RRID:RGD\_4142541

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### Organism Information

**URL:** <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=4142541>

**Proper Citation:** RRID:RGD\_4142541

**Description:** Rattus norvegicus with name W-Tg(Tek-GFP)1Soh from RGD.

**Species:** Rattus norvegicus

**Notes:** This transgenic strain was generated by microinjection into fertilized oocytes of Wistar rats. The vector containing the Tek/GFP plasmid (pSP14/15.t2hgfpPan5) was a gift from Dr. TN Sato of University of Texas Southwestern Medical Center at Dallas. The transgene was excised from the plasmid vector by Sal I digestion. [National BioResource Project for the Rat in Japan](#)

**Catalog Number:** 4142541

**Background:** transgenic

**Database:** Rat Genome Database (RGD)

**Database Abbreviation:** RGD

**Availability:** Cryopreserved Embryo; Cryopreserved Sperm

**Alternate IDs:** 4142541

**Organism Name:** W-Tg(Tek-GFP)1Soh

**Record Creation Time:** 20230509T191940+0000

**Record Last Update:** 20260725T194250+0000

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### Ratings and Alerts

No rating or validation information has been found for W-Tg(Tek-GFP)1Soh.

No alerts have been found for W-Tg(Tek-GFP)1Soh.

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## Data and Source Information

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

**Source Database:** Rat Genome Database (RGD)

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Vaccaro A, et al. (2020) Sleep Loss Can Cause Death through Accumulation of Reactive Oxygen Species in the Gut. Cell, 181(6), 1307.

Miyata H, et al. (2019) Real-time Imaging of an Experimental Intracranial Aneurysm in Rats. Neurologia medico-chirurgica, 59(1), 19.