

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

W-Tg(Tek-GFP)1Soh

RRID:RGD_4142541

Type: Organism

Proper Citation

RRID:RGD_4142541

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: 20260815T190659+0000

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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

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.