

# Resource Summary Report

Generated by [kravitz2](#) on Aug 1, 2026

## B6.Cg-Gt(ROSA)26Sor<sup>tm1(rtTA.EGFP)</sup>Nagy/J

RRID:IMSR\_JAX:005670

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005670

### Organism Information

**URL:** <https://www.jax.org/strain/005670>

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**Description:** Mus musculus with name B6.Cg-Gt(ROSA)26Sor<sup>tm1(rtTA.EGFP)</sup>Nagy/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: gene trap ROSA 26; Philippe Soriano|reverse tetracycline-controlled transactivator|; mutant strain|congenic strain: Gt(ROSA)26Sor|rtTA|

**Affected Gene:** gene trap ROSA 26; Philippe Soriano|reverse tetracycline-controlled transactivator|

**Genomic Alteration:** targeted mutation 1; Andras Nagy

**Catalog Number:** JAX:005670

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** live

**Organism Name:** B6.Cg-Gt(ROSA)26Sor<sup>tm1(rtTA.EGFP)</sup>Nagy/J

**Record Creation Time:** 20250513T053651+0000

**Record Last Update:** 20260801T050353+0000

### Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gt(ROSA)26Sor<sup>tm1(rtTA.EGFP)</sup>Nagy/J.

No alerts have been found for B6.Cg-Gt(ROSA)26Sor<sup>tm1(rtTA.EGFP)</sup>Nagy/J.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#).

Dobersch S, et al. (2025) HMGA2 and protein leucine methylation drive pancreatic cancer lineage plasticity. *Nature communications*, 16(1), 4866.

Pic?? S, et al. (2025) Comparative analysis of mouse strains for in vivo induction of reprogramming factors. *Cell reports*, 44(7), 115879.

Hong M, et al. (2024) Residue Y362 is crucial for FLIPL to impart catalytic activity to pro-caspase-8 to suppress necroptosis. *Cell reports*, 43(11), 114966.

LaBella KA, et al. (2024) Telomere dysfunction alters intestinal stem cell dynamics to promote cancer. *Developmental cell*, 59(11), 1475.

Campbell GP, et al. (2022) Ectopic expression of T in the paraxial mesoderm disrupts somite maturation in the mouse. *Developmental biology*, 485, 37.

Verhaegen ME, et al. (2022) Direct cellular reprogramming enables development of viral T antigen-driven Merkel cell carcinoma in mice. *The Journal of clinical investigation*, 132(7).

Biagioni F, et al. (2022) Decoding YAP dependent transcription in the liver. *Nucleic acids research*, 50(14), 7959.

Wu J, et al. (2021) APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. *Immunity*, 54(11), 2632.

Ognjenovic NB, et al. (2020) Limiting Self-Renewal of the Basal Compartment by PKA Activation Induces Differentiation and Alters the Evolution of Mammary Tumors. *Developmental cell*, 55(5), 544.

Shwartz Y, et al. (2020) Cell Types Promoting Goosebumps Form a Niche to Regulate Hair Follicle Stem Cells. *Cell*, 182(3), 578.

Yang LM, et al. (2019) Sox2 and FGF20 interact to regulate organ of Corti hair cell and supporting cell development in a spatially-graded manner. *PLoS genetics*, 15(7),

e1008254.

Roy A, et al. (2019) PI3K-Yap activity drives cortical gyrification and hydrocephalus in mice. *eLife*, 8.

Yang LM, et al. (2018) FGF20-Expressing, Wnt-Responsive Olfactory Epithelial Progenitors Regulate Underlying Turbinate Growth to Optimize Surface Area. *Developmental cell*, 46(5), 564.

Volckaert T, et al. (2017) Fgf10-Hippo Epithelial-Mesenchymal Crosstalk Maintains and Recruits Lung Basal Stem Cells. *Developmental cell*, 43(1), 48.