

Resource Summary Report

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STOCK Gt(ROSA)26Sor^{tm1.1(rtTA.EGFP)}Nagy Hprt1 Tg(TCF/Lef1-lacZ)34Efu/J

RRID:IMSR_JAX:024746

Type: Organism

Proper Citation

RRID:IMSR_JAX:024746

Organism Information

URL: <https://www.jax.org/strain/024746>

Proper Citation: RRID:IMSR_JAX:024746

Description: Mus musculus with name STOCK Gt(ROSA)26Sor^{tm1.1(rtTA.EGFP)}Nagy Hprt1 Tg(TCF/Lef1-lacZ)34Efu/J from IMSR.

Species: Mus musculus

Synonyms: Rosa26-rtTa;Tet-Dkk1;TOPGAL. STOCK Gt(ROSA)26Sor Hprt Tg(TCF/Lef1-lacZ)34Efu/J

Notes: gene symbol note: |Fos proto-oncogene; AP-1 transcription factor subunit|hypoxanthine phosphoribosyltransferase 1|dickkopf WNT signaling pathway inhibitor 1|tet operator|beta-galactosidase|gene trap ROSA 26; Philippe Soriano|transgene insertion 34; Elaine Fuchs; mutant stock: |Fos|Hprt1|Dkk1|tetO|lacZ|Gt(ROSA)26Sor|Tg(TCF/Lef1-lacZ)34Efu

Affected Gene: |Fos proto-oncogene; AP-1 transcription factor subunit|hypoxanthine phosphoribosyltransferase 1|dickkopf WNT signaling pathway inhibitor 1|tet operator|beta-galactosidase|gene trap ROSA 26; Philippe Soriano|transgene insertion 34; Elaine Fuchs

Genomic Alteration: targeted mutation 1.1; Andras Nagy|transgene insertion 34; Elaine Fuchs|targeted mutation 1; Stijn De Langhe

Catalog Number: JAX:024746

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: STOCK Gt(ROSA)26Sor^{tm1.1(rtTA.EGFP)}Nagy Hprt1 Tg(TCF/Lef1-lacZ)34Efu/J

Record Creation Time: 20250513T053752+0000

Record Last Update: 20260905T044531+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Gt(ROSA)26Sor^{tm1.1(rtTA.EGFP)}Nagy Hprt1 Tg(TCF/Lef1-lacZ)34Efu/J.

No alerts have been found for STOCK Gt(ROSA)26Sor^{tm1.1(rtTA.EGFP)}Nagy Hprt1 Tg(TCF/Lef1-lacZ)34Efu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Chang TL, et al. (2026) Activating FGFR1 restores Integrin- α 1-mediated fibronectin sensing in satellite cells of aged mice. bioRxiv : the preprint server for biology.

Karatepe K, et al. (2025) Linker histone regulates the myeloid versus lymphoid bifurcation of multipotent hematopoietic stem and progenitors. Proceedings of the National Academy of Sciences of the United States of America, 122(43), e2509412122.

An L, et al. (2024) Sexual dimorphism in melanocyte stem cell behavior reveals combinational therapeutic strategies for cutaneous repigmentation. Nature communications, 15(1), 796.

Subramanian S, et al. (2024) Scattered Crypt Intestinal Epithelial Cell Apoptosis Induces Necrotizing Enterocolitis Via Intricate Mechanisms. Cellular and molecular gastroenterology and hepatology, 18(3), 101364.