

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

B6.Cg-Rag1^{tm1Mom} Tg(UBC-GFP)30Scha/J

RRID:IMSR_JAX:013115

Type: Organism

Proper Citation

RRID:IMSR_JAX:013115

Organism Information

URL: <https://www.jax.org/strain/013115>

Proper Citation: RRID:IMSR_JAX:013115

Description: Mus musculus with name B6.Cg-Rag1^{tm1Mom} Tg(UBC-GFP)30Scha/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |recombination activating 1|ubiquitin C|transgene insertion 30; Brian Schaefer; mutant strain|congenic strain: |Rag1|UBC|Tg(UBC-GFP)30Scha

Affected Gene: |recombination activating 1|ubiquitin C|transgene insertion 30; Brian Schaefer

Genomic Alteration: transgene insertion 30; Brian Schaefer|targeted mutation 1; Peter Mombaerts

Catalog Number: JAX:013115

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.Cg-Rag1^{tm1Mom} Tg(UBC-GFP)30Scha/J

Record Creation Time: 20250513T053724+0000

Record Last Update: 20260905T044507+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Rag1^{tm1Mom} Tg(UBC-GFP)30Scha/J.

No alerts have been found for B6.Cg-Rag1^{tm1Mom} Tg(UBC-GFP)30Scha/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Chou MY, et al. (2023) B cell peripheral tolerance is promoted by cathepsin B protease. Proceedings of the National Academy of Sciences of the United States of America, 120(16), e2300099120.

Liang R, et al. (2020) Restraining Lysosomal Activity Preserves Hematopoietic Stem Cell Quiescence and Potency. Cell stem cell, 26(3), 359.

Moussa L, et al. (2020) BMP Antagonists Secreted by Mesenchymal Stromal Cells Improve Colonic Organoid Formation: Application for the Treatment of Radiation-induced Injury. Cell transplantation, 29, 963689720929683.

Pirgova G, et al. (2020) Marginal zone SIGN-R1+ macrophages are essential for the maturation of germinal center B cells in the spleen. Proceedings of the National Academy of Sciences of the United States of America, 117(22), 12295.

De Conti G, et al. (2020) A Novel Platform to Test In Vivo Single Gene Dependencies in t(8,21) and t(15,17) AML Confirms Zeb2 as Leukemia Target. Cancers, 12(12).

Zhang TT, et al. (2017) Germinal center B cell development has distinctly regulated stages completed by disengagement from T cell help. eLife, 6.

Vandenberg CJ, et al. (2014) Loss of Bak enhances lymphocytosis but does not ameliorate thrombocytopaenia in BCL-2 transgenic mice. Cell death and differentiation, 21(5), 676.

Grigorova IL, et al. (2009) Cortical sinus probing, S1P1-dependent entry and flow-based capture of egressing T cells. Nature immunology, 10(1), 58.

Phan TG, et al. (2009) Immune complex relay by subcapsular sinus macrophages and noncognate B cells drives antibody affinity maturation. Nature immunology, 10(7), 786.