

Resource Summary Report

Generated by SPARC SAWG on Sep 5, 2026

B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J

RRID:IMSR_JAX:004218

Type: Organism

Proper Citation

RRID:IMSR_JAX:004218

Organism Information

URL: <https://www.jax.org/strain/004218>

Proper Citation: RRID:IMSR_JAX:004218

Description: Mus musculus with name B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J from IMSR.

Species: Mus musculus

Synonyms: B6.129(ICR)-Tg(ACTB-ECFP)1Nagy/J. B6.129(ICR)-Tg(ACTB-ECFP)CK6Nagy/J. B6.129(ICR)-Tg(ActbECFP)1Nagy/J

Notes: gene symbol note: |actin; beta|transgene insertion CK6; Andras Nagy; mutant strain|congenic strain: |ACTB|Tg(CAG-ECFP)CK6Nagy

Affected Gene: |actin; beta|transgene insertion CK6; Andras Nagy

Genomic Alteration: transgene insertion CK6; Andras Nagy

Catalog Number: JAX:004218

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260905T044424+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J.

No alerts have been found for B6.129(ICR)-Tg(CAG-ECFP)CK6Nagy/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Dai H, et al. (2022) Treg suppression of immunity within inflamed allogeneic grafts. JCI insight, 7(16).

Kfoury YS, et al. (2021) tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. Cell stem cell, 28(12), 2090.

Sun L, et al. (2021) Activating a collaborative innate-adaptive immune response to control metastasis. Cancer cell, 39(10), 1361.

Tran S, et al. (2020) Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. Immunity, 53(3), 627.

Kato Y, et al. (2020) Multifaceted Effects of Antigen Valency on B Cell Response Composition and Differentiation In Vivo. Immunity, 53(3), 548.

Thompson EA, et al. (2019) Interstitial Migration of CD8⁺ T Cells in the Small Intestine Is Dynamic and Is Dictated by Environmental Cues. Cell reports, 26(11), 2859.

Ersching J, et al. (2017) Germinal Center Selection and Affinity Maturation Require Dynamic Regulation of mTORC1 Kinase. Immunity, 46(6), 1045.

Gossa S, et al. (2014) Development of an immunologically tolerated combination of fluorescent proteins for in vivo two-photon imaging. Scientific reports, 4, 6664.

Nussbaum JC, et al. (2013) Type 2 innate lymphoid cells control eosinophil homeostasis. Nature, 502(7470), 245.

Gray EE, et al. (2012) Subcapsular sinus macrophage fragmentation and CD169⁺ bleb acquisition by closely associated IL-17-committed innate-like lymphocytes. PloS one, 7(6), e38258.

Dykstra B, et al. (2011) Clonal analysis reveals multiple functional defects of aged murine hematopoietic stem cells. The Journal of experimental medicine, 208(13), 2691.