

Resource Summary Report

Generated by [kravitz2](#) on Aug 18, 2026

B10.129(B6)-Rag2^{tm1Fwa} N13

RRID:IMSR_TAC:578

Type: Organism

Proper Citation

RRID:IMSR_TAC:578

Organism Information

URL: <https://www.taconic.com/mouse-model/rag2-model-578>

Proper Citation: RRID:IMSR_TAC:578

Description: Mus musculus with name B10.129(B6)-Rag2^{tm1Fwa} N13 from IMSR.

Species: Mus musculus

Notes: gene symbol note: recombination activating gene 2; mutant strain|congenic strain: Rag2

Affected Gene: recombination activating gene 2

Genomic Alteration: targeted mutation 1; Frederick W Alt

Catalog Number: TAC:578

Database: Taconic Biosciences

Database Abbreviation: TAC

Availability: archived

Organism Name: B10.129(B6)-Rag2^{tm1Fwa} N13

Record Creation Time: 20250513T053518+0000

Record Last Update: 20260815T050425+0000

Ratings and Alerts

No rating or validation information has been found for B10.129(B6)-Rag2^{tm1Fwa} N13.

No alerts have been found for B10.129(B6)-Rag2^{tm1Fwa} N13.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Taconic Biosciences

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Pérez-Cabezas B, et al. (2019) Understanding Resistance vs. Susceptibility in Visceral Leishmaniasis Using Mouse Models of Leishmania infantum Infection. *Frontiers in cellular and infection microbiology*, 9, 30.

Grillo FW, et al. (2018) A Distance-Dependent Distribution of Presynaptic Boutons Tunes Frequency-Dependent Dendritic Integration. *Neuron*, 99(2), 275.

Gorski T, et al. (2018) Uncoupling protein 1 expression in adipocytes derived from skeletal muscle fibro/adipogenic progenitors is under genetic and hormonal control. *Journal of cachexia, sarcopenia and muscle*, 9(2), 384.

Anzilotti S, et al. (2015) Genetic ablation of homeodomain-interacting protein kinase 2 selectively induces apoptosis of cerebellar Purkinje cells during adulthood and generates an ataxic-like phenotype. *Cell death & disease*, 6(12), e2004.

Chen L, et al. (2015) Oleoylethanolamide, an endogenous PPAR- γ ligand, attenuates liver fibrosis targeting hepatic stellate cells. *Oncotarget*, 6(40), 42530.

Schiffer M, et al. (2015) Pharmacological targeting of actin-dependent dynamin oligomerization ameliorates chronic kidney disease in diverse animal models. *Nature medicine*, 21(6), 601.

Saintamand A, et al. (2015) The IgH 3' regulatory region governs γ chain transcription in mature B lymphocytes and the B cell fate. *Oncotarget*, 6(7), 4845.

Groh J, et al. (2014) Non-invasive assessment of retinal alterations in mouse models of infantile and juvenile neuronal ceroid lipofuscinosis by spectral domain optical coherence tomography. *Acta neuropathologica communications*, 2, 54.

Tian XX, et al. (2013) Purification and functional assessment of smooth muscle cells derived from mouse embryonic stem cells. *Journal of geriatric cardiology : JGC*, 10(3), 272.

Sinclair L, et al. (2013) Cytosolic caspases mediate mislocalised SOD2 depletion in an in vitro model of chronic prion infection. *Disease models & mechanisms*, 6(4), 952.

St John AL, et al. (2013) Contributions of mast cells and vasoactive products, leukotrienes and chymase, to dengue virus-induced vascular leakage. *eLife*, 2, e00481.

Ho T, et al. (2012) Amyloid precursor protein is required for normal function of the rod and cone pathways in the mouse retina. PLoS one, 7(1), e29892.

Pham M, et al. (2010) Outcome of experimental stroke in C57Bl/6 and Sv/129 mice assessed by multimodal ultra-high field MRI. Experimental & translational stroke medicine, 2, 6.