

Resource Summary Report

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Taok2^{tm1e(EUCOMM)}Hmgu

RRID:IMSR_EUMMCR:4007

Type: Organism

Proper Citation

RRID:IMSR_EUMMCR:4007

Organism Information

URL: https://www.eummcr.org/order?add=MGI%3A1915919&material=es_cells

Proper Citation: RRID:IMSR_EUMMCR:4007

Description: Mus musculus with name Taok2^{tm1e(EUCOMM)}Hmgu from IMSR.

Species: Mus musculus

Notes: gene symbol note: TAO kinase 2; mutant strain: Taok2

Affected Gene: TAO kinase 2

Genomic Alteration: targeted mutation 1e; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EUMMCR:4007

Database: International Mouse Resource Center IMSR, EuMMCR

Database Abbreviation: IMSR

Availability: ES Cell

Alternate IDs: IMSR_EUMMCR:4007

Organism Name: Taok2^{tm1e(EUCOMM)}Hmgu

Record Creation Time: 20230509T195533+0000

Record Last Update: 20250412T111148+0000

Ratings and Alerts

No rating or validation information has been found for Taok2^{tm1e(EUCOMM)}Hmgu.

No alerts have been found for Taok2^{tm1e(EUCOMM)}Hmgu.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, EuMMCR

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Anderson CK, et al. (2019) Qa-1-Restricted CD8⁺ T Cells Can Compensate for the Absence of Conventional T Cells during Viral Infection. *Cell reports*, 27(2), 537.

Viny AD, et al. (2019) Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation. *Cell stem cell*, 25(5), 682.

Shen E, et al. (2019) Control of Germinal Center Localization and Lineage Stability of Follicular Regulatory T Cells by the Blimp1 Transcription Factor. *Cell reports*, 29(7), 1848.

O'Connor C, et al. (2018) Trib2 expression in granulocyte-monocyte progenitors drives a highly drug resistant acute myeloid leukaemia linked to elevated Bcl2. *Oncotarget*, 9(19), 14977.

Smith JNP, et al. (2018) Type I IFNs drive hematopoietic stem and progenitor cell collapse via impaired proliferation and increased RIPK1-dependent cell death during shock-like ehrlichial infection. *PLoS pathogens*, 14(8), e1007234.

LaMothe RA, et al. (2018) Tolerogenic Nanoparticles Induce Antigen-Specific Regulatory T Cells and Provide Therapeutic Efficacy and Transferrable Tolerance against Experimental Autoimmune Encephalomyelitis. *Frontiers in immunology*, 9, 281.

Gejman RS, et al. (2018) Rejection of immunogenic tumor clones is limited by clonal fraction. *eLife*, 7.

Chaudhury S, et al. (2018) Age-specific biological and molecular profiling distinguishes paediatric from adult acute myeloid leukaemias. *Nature communications*, 9(1), 5280.

Kunimoto H, et al. (2018) Cooperative Epigenetic Remodeling by TET2 Loss and NRAS Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity. *Cancer cell*, 33(1), 44.

Tian L, et al. (2017) Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. *Nature*, 544(7649), 250.

Unnisa Z, et al. (2016) Aryl Hydrocarbon Receptor Deficiency in an Exon 3 Deletion Mouse Model Promotes Hematopoietic Stem Cell Proliferation and Impacts Endosteal Niche Cells. *Stem cells international*, 2016, 4536187.

Zamora-Pineda J, et al. (2016) Dendritic cell sphingosine-1-phosphate lyase regulates thymic egress. *The Journal of experimental medicine*, 213(12), 2773.

Lee H, et al. (2016) BAF180 regulates cellular senescence and hematopoietic stem cell homeostasis through p21. *Oncotarget*, 7(15), 19134.

Sag D, et al. (2015) The cholesterol transporter ABCG1 links cholesterol homeostasis and tumour immunity. *Nature communications*, 6, 6354.

Fasnacht N, et al. (2014) Specific fibroblastic niches in secondary lymphoid organs orchestrate distinct Notch-regulated immune responses. *The Journal of experimental medicine*, 211(11), 2265.

Pitzonka L, et al. (2014) The Thoc1 encoded ribonucleoprotein is required for myeloid progenitor cell homeostasis in the adult mouse. *PloS one*, 9(5), e97628.

Gray EE, et al. (2013) Deficiency in IL-17-committed V α 4(+) $\gamma\delta$ T cells in a spontaneous Sox13-mutant CD45.1(+) congenic mouse substrain provides protection from dermatitis. *Nature immunology*, 14(6), 584.

Klebanoff CA, et al. (2013) Retinoic acid controls the homeostasis of pre-cDC-derived splenic and intestinal dendritic cells. *The Journal of experimental medicine*, 210(10), 1961.

Teng EC, et al. (2011) Gfer inhibits Jab1-mediated degradation of p27kip1 to restrict proliferation of hematopoietic stem cells. *Molecular biology of the cell*, 22(8), 1312.

Tagliani E, et al. (2011) Coordinate regulation of tissue macrophage and dendritic cell population dynamics by CSF-1. *The Journal of experimental medicine*, 208(9), 1901.