Resource Summary Report

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B6.Cg-E2f1$^{Tg(Wnt1-cre)2Sor}$/J

RRID:IMSR_JAX:022501
Type: Organism

Proper Citation

RRID:IMSR_JAX:022501

Organism Information

URL: https://www.jax.org/strain/022501

Proper Citation: RRID:IMSR_JAX:022501

Description: Mus musculus with name B6.Cg-E2f1$^{Tg(Wnt1-cre)2Sor}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(Wnt1-cre)2Sor/J

Notes: gene symbol note: E2F transcription factor 1|wingless-type MMTV integration site family; member 1|; mutant strain|congenic strain: E2f1|Wnt1|

Affected Gene: E2F transcription factor 1|wingless-type MMTV integration site family; member 1|

Genomic Alteration: transgene insertion 2; Philippe Soriano

Catalog Number: JAX:022501

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-E2f1$^{Tg(Wnt1-cre)2Sor}$/J

Record Creation Time: 20250513T053745+0000

Record Last Update: 20260725T044452+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-E2f1$^{Tg(Wnt1-cre)2Sor}$/J.

No alerts have been found for B6.Cg-E2f1$^{Tg(Wnt1-cre)2Sor}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at nidm-terms .

Iyyanar PPR, et al. (2026) Cse1l is critical for cell survival, craniofacial and cardiac development. Developmental biology, 530, 188.

Huber J, et al. (2026) The Sh3Pxd2bnee-/- mouse: an attractive model unveiling novel developmental features in Frank-ter-Haar Syndrome. Development (Cambridge, England).

Seguella L, et al. (2025) Hyperactive enteric glia contribute to persistent dysmotility following inflammation by driving aberrant excitatory responses in neurons. Cellular and molecular gastroenterology and hepatology, 101634.

Khot B, et al. (2025) miR-219a-Robo1 axis acts as a conserved switch for slit-mediated commissural axon guidance. iScience, 28(12), 114242.

Chakraborty S, et al. (2025) Deletion of a single CTCF motif at the boundary of a chromatin domain with three FGF genes disrupts gene expression and embryonic development. Developmental cell, 60(13), 1838.

Chen P, et al. (2025) Pyroptosis of periodontal ligament stem cells aggravates periodontitis via Piezo1 channel. iScience, 28(5), 112395.

Moore AC, et al. (2025) Role of soft tissue and bone interactions in the developmental integration and modularity of the skull in neural crest-specific gap junction alpha-1 knockout mice. Anatomical record (Hoboken, N.J. : 2007).

Wong CK, et al. (2024) Central glucagon-like peptide 1 receptor activation inhibits Toll-like receptor agonist-induced inflammation. Cell metabolism, 36(1), 130.

Morales-Soto W, et al. (2024) Endocannabinoids regulate enteric neuron-glia networks and visceral hypersensitivity following inflammation through a glial-dependent mechanism. Glia.

Lehr S, et al. (2024) Self-organized pattern formation in the developing mouse neural tube by a temporal relay of BMP signaling. Developmental cell.

Hanscom M, et al. (2024) Innervation of adipocytes is limited in mouse perivascular adipose tissue. American journal of physiology. Heart and circulatory physiology, 327(1), H155.

Hendler BJ, et al. (2024) Purinergic P2Y1 and P2Y12 receptors control enteric nervous system activity through neuro-glia-macrophage crosstalk. Purinergic signalling.

Gunawardhana KL, et al. (2023) A systems biology approach identifies the role of dysregulated PRDM6 in the development of hypertension. The Journal of clinical investigation, 133(4).

Raymundo JR, et al. (2023) KCTD1/KCTD15 complexes control ectodermal and neural crest cell functions, and their impairment causes aplasia cutis. The Journal of clinical investigation, 134(4).

Ahmadzai MM, et al. (2022) LPAR1 regulates enteric nervous system function through glial signaling and contributes to chronic intestinal pseudo-obstruction. The Journal of clinical investigation, 132(4).

Ta??b S, et al. (2022) Myelinating Schwann cells and Netrin-1 control intra-nervous vascularization of the developing mouse sciatic nerve. eLife, 11.

Van Battum E, et al. (2021) Plexin-B2 controls the timing of differentiation and the motility of cerebellar granule neurons. eLife, 10.

Gahankari A, et al. (2021) Deregulated Rac1 Activity in Neural Crest Controls Cell Proliferation, Migration and Differentiation During Midbrain Development. Frontiers in cell and developmental biology, 9, 704769.

Ahmadzai MM, et al. (2021) Circuit-specific enteric glia regulate intestinal motor neurocircuits. Proceedings of the National Academy of Sciences of the United States of America, 118(40).

Roth DM, et al. (2021) The Chromatin Regulator Ankrd11 Controls Palate and Cranial Bone Development. Frontiers in cell and developmental biology, 9, 645386.