

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

CBA;B6-Tg(Sox10-icre/ERT2)388Wdr/J

RRID:IMSR_JAX:027651

Type: Organism

Proper Citation

RRID:IMSR_JAX:027651

Organism Information

URL: <https://www.jax.org/strain/027651>

Proper Citation: RRID:IMSR_JAX:027651

Description: Mus musculus with name CBA;B6-Tg(Sox10-icre/ERT2)388Wdr/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|transgene insertion 388; William D Richardson|SRY (sex determining region Y)-box 10; mutant stock: cre/ERT2|Tg(Sox10-icre/ERT2)388Wdr|Sox10

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|transgene insertion 388; William D Richardson|SRY (sex determining region Y)-box 10

Genomic Alteration: transgene insertion 388; William D Richardson

Catalog Number: JAX:027651

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: CBA;B6-Tg(Sox10-icre/ERT2)388Wdr/J

Record Creation Time: 20250513T053801+0000

Record Last Update: 20260905T044539+0000

Ratings and Alerts

No rating or validation information has been found for CBA;B6-Tg(Sox10-*icre*/ERT2)388Wdr/J.

No alerts have been found for CBA;B6-Tg(Sox10-*icre*/ERT2)388Wdr/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Nakamura Y, et al. (2025) Adult leptomeningeal vestigial neural crest-derived multipotent cells promote vascular repair after stroke. *Cell reports*, 45(1), 116747.

Shafiq S, et al. (2025) Microglial deficiency in the ATRX chromatin remodeler elicits a viral mimicry immune response that impacts neuronal function and behavior. *PLoS biology*, 23(9), e3002659.

Louie AY, et al. (2024) Respiratory infection with influenza A virus delays remyelination and alters oligodendrocyte metabolism. *iScience*, 27(8), 110464.

Zhou B, et al. (2024) Identification of signaling pathways that specify a subset of migrating enteric neural crest cells at the wavefront in mouse embryos. *Developmental cell*, 59(13), 1689.

Sarkaria SM, et al. (2023) Systematic dissection of coordinated stromal remodeling identifies Sox10+ glial cells as a therapeutic target in myelofibrosis. *Cell stem cell*, 30(6), 832.

Delcroix V, et al. (2023) The First Transcriptomic Atlas of the Adult Lacrimal Gland Reveals Epithelial Complexity and Identifies Novel Progenitor Cells in Mice. *Cells*, 12(10).

Pena-Ortiz MA, et al. (2022) Selective isolation of mouse glial nuclei optimized for reliable downstream omics analyses. *Journal of neuroscience methods*, 369, 109480.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. *Developmental cell*, 57(13), 1566.

Zhang S, et al. (2021) HIF α Regulates Developmental Myelination Independent of Autocrine Wnt Signaling. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 41(2), 251.

Liu Z, et al. (2019) Nucleoporin Seh1 Interacts with Olig2/Brd7 to Promote Oligodendrocyte Differentiation and Myelination. *Neuron*, 102(3), 587.