

Resource Summary Report

Generated by T1D on Sep 20, 2026

C57BL/6J-Tg(Dcx-DsRed)14Qlu/J

RRID:IMSR_JAX:009655

Type: Organism

Proper Citation

RRID:IMSR_JAX:009655

Organism Information

URL: <https://www.jax.org/strain/009655>

Proper Citation: RRID:IMSR_JAX:009655

Description: Mus musculus with name C57BL/6J-Tg(Dcx-DsRed)14Qlu/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: |transgene insertion 14; Qiang Lu|doublecortin; coisogenic strain: |Tg(Dcx-DsRed)14Qlu|Dcx

Affected Gene: |transgene insertion 14; Qiang Lu|doublecortin

Genomic Alteration: transgene insertion 14; Qiang Lu

Catalog Number: JAX:009655

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C57BL/6J-Tg(Dcx-DsRed)14Qlu/J

Record Creation Time: 20250513T053715+0000

Record Last Update: 20260919T054903+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6J-Tg(Dcx-DsRed)14Qlu/J.

No alerts have been found for C57BL/6J-Tg(Dcx-DsRed)14Qlu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#).

Alsina FC, et al. (2024) The RNA-binding protein EIF4A3 promotes axon development by direct control of the cytoskeleton. Cell reports, 43(9), 114666.

Meller SJ, et al. (2023) Microglia Maintain Homeostatic Conditions in the Developing Rostral Migratory Stream. eNeuro, 10(2).

Tang W, et al. (2022) Stem cell differentiation with consistent lineage commitment induced by a flash of ultrafast-laser activation in vitro and in vivo. Cell reports, 38(10), 110486.

Tang W, et al. (2022) Protocol to photoactivate adipose-derived stem cell differentiation using a tightly-focused femtosecond laser. STAR protocols, 3(3), 101574.

Yang R, et al. (2015) Cell Division Mode Change Mediates the Regulation of Cerebellar Granule Neurogenesis Controlled by the Sonic Hedgehog Signaling. Stem cell reports, 5(5), 816.