

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

STOCK *Tbr1^{tm1Jlr}/Mmucd*

RRID:MMRRC_030263-UCD

Type: Organism

Proper Citation

RRID:MMRRC_030263-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30263

Proper Citation: RRID:MMRRC_030263-UCD

Description: Mus musculus with name STOCK *Tbr1^{tm1Jlr}/Mmucd* from MMRRC.

Species: Mus musculus

Notes: Research areas: Developmental Biology, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: decreased brain size [MP:0000774]| abnormal forebrain morphology [MP:0000783]| abnormal amygdala morphology [MP:0000818]| abnormal social investigation [MP:0001360]| aphagia [MP:0001438]| abnormal cued conditioning behavior [MP:0001454]| abnormal innervation [MP:0002184]| abnormal olfactory bulb development [MP:0002739]| abnormal conditioned taste aversion behavior [MP:0002805]| impaired social transmission of food preference [MP:0002969]| abnormal neuron physiology [MP:0004811]| abnormal olfactory tract morphology [MP:0005237]| abnormal olfactory cortex morphology [MP:0005267]| abnormal anterior commissure morphology [MP:0008225]| abnormal olfactory bulb interneuron morphology [MP:0009941]| abnormal olfactory bulb external plexiform layer morphology [MP:0009947]| abnormal olfactory bulb glomerular layer morphology [MP:0009948]| abnormal olfactory bulb mitral cell layer morphology [MP:0009951]| abnormal mitral cell morphology [MP:0009954]| abnormal olfactory bulb tufted cell morphology [MP:0009955]| olfactory bulb hypoplasia [MP:0010059]| postnatal lethality [MP:0011085]| complete penetrance [MP:0014115]| cognitive inflexibility [MP:0020351]

Affected Gene: *Tbr1*

Catalog Number: 030263-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11239428](#), [PMID:9883721](#)

Alternate IDs: MMRRC_30263-UCD, MMRRC_030263, MMRRC_3263

Organism Name: STOCK *Tbr1*^{tm1Jlr}/Mmucd

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260801T124210+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Tbr1*^{tm1Jlr}/Mmucd.

No alerts have been found for STOCK *Tbr1*^{tm1Jlr}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Co M, et al. (2022) Shared and Distinct Functional Effects of Patient-Specific *Tbr1* Mutations on Cortical Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(37), 7166.