

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

STOCK Tg(Plxnd1-EGFP)HF78Gsat/Mmucd

RRID:MMRRC_015415-UCD

Type: Organism

Proper Citation

RRID:MMRRC_015415-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=15415

Proper Citation: RRID:MMRRC_015415-UCD

Description: Mus musculus with name STOCK Tg(Plxnd1-EGFP)HF78Gsat/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Developmental Biology, Neurobiology, Research Tools; Mutation Type: Transgenic ; Collection: GENSAT

Affected Gene: EGFP|Plxnd1|

Catalog Number: 015415-UCD

Background: Transgenic

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14586460](#)

Alternate IDs: MMRRC_15415-UCD, MMRRC_015415, MMRRC_15415

Organism Name: STOCK Tg(Plxnd1-EGFP)HF78Gsat/Mmucd

Record Creation Time: 20230308T054935+0000

Record Last Update: 20260919T133358+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Plxnd1-EGFP)HF78Gsat/Mmucd.

No alerts have been found for STOCK Tg(Plxnd1-EGFP)HF78Gsat/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

L??pez-Mengual A, et al. (2022) Involvement of Mechanical Cues in the Migration of Cajal-Retzius Cells in the Marginal Zone During Neocortical Development. *Frontiers in cell and developmental biology*, 10, 886110.

Velona T, et al. (2019) PlexinD1 and Sema3E determine laminar positioning of heterotopically projecting callosal neurons. *Molecular and cellular neurosciences*, 100, 103397.

Mata A, et al. (2018) New functions of Semaphorin 3E and its receptor PlexinD1 during developing and adult hippocampal formation. *Scientific reports*, 8(1), 1381.

Burk K, et al. (2017) Post-endocytic sorting of Plexin-D1 controls signal transduction and development of axonal and vascular circuits. *Nature communications*, 8, 14508.