

Resource Summary Report

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

STOCK *Plxna4^{tm1Matl}* *Plxna3^{tm1Matl}*/Mmmh

RRID:MMRRC_030406-MU

Type: Organism

Proper Citation

RRID:MMRRC_030406-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30406

Proper Citation: RRID:MMRRC_030406-MU

Description: Mus musculus with name STOCK *Plxna4^{tm1Matl}* *Plxna3^{tm1Matl}*/Mmmh from MMRRC.

Species: Mus musculus

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

Phenotype: decreased sensory neuron number [MP:0000966]| abnormal sensory neuron innervation pattern [MP:0000968]| abnormal trochlear nerve morphology [MP:0001063]| abnormal trigeminal nerve morphology [MP:0001065]| abnormal axon guidance [MP:0002961]| abnormal amacrine cell morphology [MP:0005240]| abnormal retinal ganglion cell morphology [MP:0008056]| decreased anterior commissure size [MP:0008226]| abnormal neurite morphology [MP:0008415]| abnormal hippocampus morphology [MP:0000807]| abnormal Ammon gyrus morphology [MP:0000815]| abnormal sensory neuron innervation pattern [MP:0000968]| abnormal trochlear nerve morphology [MP:0001063]| abnormal trigeminal nerve morphology [MP:0001065]| abnormal hippocampal mossy fiber morphology [MP:0002761]| abnormal axon guidance [MP:0002961]| abnormal retinal outer plexiform layer morphology [MP:0003732]| abnormal retinal inner nuclear layer morphology [MP:0003733]| abnormal retinal inner plexiform layer morphology [MP:0003734]| abnormal amacrine cell morphology [MP:0005240]| abnormal retinal bipolar cell morphology [MP:0006073]| abnormal retinal ganglion cell morphology [MP:0008056]| abnormal neurite morphology [MP:0008415]| abnormal axon pruning [MP:0008960]

Affected Gene: |*Plxna4*||*Plxna3*

Catalog Number: 030406-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:15721238](#)

Alternate IDs: MMRRC_30406-MU, MMRRC_030406, MMRRC_346

Organism Name: STOCK *Plxna4^{tm1Matl} Plxna3^{tm1Matl}/Mmmh*

Record Creation Time: 20230308T055119+0000

Record Last Update: 20260801T124210+0000

Ratings and Alerts

No rating or validation information has been found for STOCK *Plxna4^{tm1Matl} Plxna3^{tm1Matl}/Mmmh*.

No alerts have been found for STOCK *Plxna4^{tm1Matl} Plxna3^{tm1Matl}/Mmmh*.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We have not found any literature mentions for this resource.