

# Resource Summary Report

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

## STOCK *Plxna4*<sup>*tm1Matl*</sup> *Plxna3*<sup>*tm1Matl*</sup>/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](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=30406)

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**Description:** Mus musculus with name STOCK *Plxna4*<sup>*tm1Matl*</sup> *Plxna3*<sup>*tm1Matl*</sup>/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<sup>tm1Matl</sup> Plxna3<sup>tm1Matl</sup>/Mmmh*

**Record Creation Time:** 20230308T055119+0000

**Record Last Update:** 20260801T124210+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK *Plxna4<sup>tm1Matl</sup> Plxna3<sup>tm1Matl</sup>/Mmmh*.

No alerts have been found for STOCK *Plxna4<sup>tm1Matl</sup> Plxna3<sup>tm1Matl</sup>/Mmmh*.

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## Data and Source Information

**Source:** [Integrated Animals](#)

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

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.