

# Resource Summary Report

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

[Plxna4<sup>tm1Matl</sup>/Plxna4<sup>tm1Matl</sup>; Plxna3<sup>tm1Matl</sup>/Plxna3<sup>tm1Matl</sup>](#)

RRID:MGI:3590677

Type: Organism

## Proper Citation

RRID:MGI:3590677

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3590677

**Description:** Allele Detail: Targeted This is a legacy resource.

**Species:** Mus musculus

**Notes:** Allele Detail: Targeted This is a legacy resource.

**Phenotype:** abnormal axon guidance, abnormal sensory neuron innervation pattern, abnormal trochlear nerve morphology, abnormal trigeminal nerve morphology

**Affected Gene:** Plxna4, Plxna3

**Genomic Alteration:** tm1Matl

**Catalog Number:** 3590677

**Background:** either: (involves: 129P2/OlaHsd \* 129S1/Sv \* C57BL/6) or (involves: 129P2/OlaHsd \* 129S1/Sv \* CD-1)

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:15721238](#)

**Organism Name:** Plxna4<sup>tm1Matl</sup>/Plxna4<sup>tm1Matl</sup>; Plxna3<sup>tm1Matl</sup>/Plxna3<sup>tm1Matl</sup>

**Record Creation Time:** 20240120T190619+0000

**Record Last Update:** 20240130T202016+0000

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## Ratings and Alerts

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

No alerts have been found for Plxna4<sup>tm1Matl</sup>/Plxna4<sup>tm1Matl</sup>; Plxna3<sup>tm1Matl</sup>/Plxna3<sup>tm1Matl</sup>.

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.