

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

[Plxna4^{tm1Matl}/Plxna4^{tm1Matl}; Plxna3^{tm1Matl}/Plxna3^{tm1Matl}](#)

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^{tm1Matl}/Plxna4^{tm1Matl}; Plxna3^{tm1Matl}/Plxna3^{tm1Matl}

Record Creation Time: 20240120T190619+0000

Record Last Update: 20240130T202016+0000

Ratings and Alerts

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

No alerts have been found for Plxna4^{tm1Matl}/Plxna4^{tm1Matl}; Plxna3^{tm1Matl}/Plxna3^{tm1Matl}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.