

Resource Summary Report

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

[Aspa^{tm1Mata}/Aspa^{tm1Mata}](#)

RRID:MGI:3038607

Type: Organism

Proper Citation

RRID:MGI:3038607

Organism Information

URL:

Proper Citation: RRID:MGI:3038607

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

Species: Mus musculus

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

Phenotype: abnormal diencephalon morphology, ataxia, abnormal retinal nerve fiber layer morphology, spongiform encephalopathy, abnormal pain threshold, tremors, premature death, preweaning lethality, incomplete penetrance, abnormal brainstem morphology, abnormal gait, abnormal retinal ganglion layer morphology, lethargy, decreased body weight, megacephaly, megacephaly, increased aspartic acid level, decreased glutamic acid level, decreased body weight, decreased bone mineral content, decreased gamma-aminobutyric acid level, decreased body length, decreased bone mineral density, decreased total body fat amount, abnormal neurotransmitter level

Affected Gene: Aspa

Genomic Alteration: tm1Mata

Catalog Number: 3038607

Background: involves: 129S5/SvEvBrd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:14572139](#), [PMID:10894262](#)

Organism Name: Aspa^{tm1Mata}/Aspa^{tm1Mata}

Record Creation Time: 20240120T190705+0000

Record Last Update: 20240130T202043+0000

Ratings and Alerts

No rating or validation information has been found for Aspa^{tm1Mata}/Aspa^{tm1Mata}.

No alerts have been found for Aspa^{tm1Mata}/Aspa^{tm1Mata}.

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.