

Resource Summary Report

Generated by [T1D](#) on Sep 18, 2026

[Gas1^{tm1Fan}/Gas1^{tm1Fan}](#)

RRID:MGI:3640836

Type: Organism

Proper Citation

RRID:MGI:3640836

Organism Information

URL:

Proper Citation: RRID:MGI:3640836

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

Species: Mus musculus

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

Phenotype: abnormal cerebellum development, abnormal gait, decreased eye pigmentation, small cerebellum, abnormal cerebellar molecular layer, short metacarpal bones, brachyphalangia, abnormal Purkinje cell dendrite morphology, abnormal phalanx morphology, abnormal cerebellar Purkinje cell layer, thin cerebellar granule layer, abnormal Purkinje cell morphology, mortality/aging, abnormal limb bone morphology, abnormal cerebellar foliation, impaired balance, thin apical ectodermal ridge, mortality/aging, abnormal limb mesenchyme morphology, syndactyly, short metatarsal bones, abnormal limb bud morphology, abnormal cerebellum external granule cell layer morphology, brachydactyly, abnormal autopod morphology, abnormal digit development

Affected Gene: Gas1

Genomic Alteration: tm1Fan

Catalog Number: 3640836

Background: involves: 129S1/Sv * 129X1/SvJ * CD-1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11456442](#), [PMID:12399319](#)

Organism Name: Gas1^{tm1Fan}/Gas1^{tm1Fan}

Record Creation Time: 20240120T190551+0000

Record Last Update: 20240130T201959+0000

Ratings and Alerts

No rating or validation information has been found for Gas1^{tm1Fan}/Gas1^{tm1Fan}.

No alerts have been found for Gas1^{tm1Fan}/Gas1^{tm1Fan}.

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.