

# Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

## [Gas1<sup>tm1Fan</sup>/Gas1<sup>tm1Fan</sup>](#)

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<sup>tm1Fan</sup>/Gas1<sup>tm1Fan</sup>

**Record Creation Time:** 20240120T190551+0000

**Record Last Update:** 20240130T201959+0000

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## Ratings and Alerts

No rating or validation information has been found for Gas1<sup>tm1Fan</sup>/Gas1<sup>tm1Fan</sup>.

No alerts have been found for Gas1<sup>tm1Fan</sup>/Gas1<sup>tm1Fan</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.