

Resource Summary Report

Generated by [ASWG](#) on Jul 30, 2026

B6.129-Aifm2^{tm1Marc}/leg

RRID:IMSR_EM:05283

Type: Organism

Proper Citation

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Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=5283>

Proper Citation: RRID:IMSR_EM:05283

Description: Mus musculus with name B6.129-Aifm2^{tm1Marc}/leg from IMSR.

Species: Mus musculus

Synonyms: Aifm2 (apoptosis-inducing factor. mitochondrion-associated 2)

Notes: gene symbol note: apoptosis-inducing factor; mitochondrion-associated 2; mutant strain: Aifm2

Affected Gene: apoptosis-inducing factor; mitochondrion-associated 2

Genomic Alteration: targeted mutation 1; Marcus Conrad

Catalog Number: EM:05283

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129-Aifm2^{tm1Marc}/leg

Record Creation Time: 20250513T062226+0000

Record Last Update: 20260725T052954+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Aifm2^{tm1Marc}/leg.

No alerts have been found for B6.129-Aifm2^{tm1Marc}/leg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Mishima E, et al. (2022) A non-canonical vitamin K cycle is a potent ferroptosis suppressor. Nature, 608(7924), 778.

Tonnus W, et al. (2021) Dysfunction of the key ferroptosis-surveilling systems hypersensitizes mice to tubular necrosis during acute kidney injury. Nature communications, 12(1), 4402.