

# Resource Summary Report

Generated by ASWG on Jul 30, 2026

## B6.129-Aifm2<sup>tm1Marc</sup>/leg

RRID:IMSR\_EM:05283

Type: Organism

### Proper Citation

RRID:IMSR\_EM:05283

### 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<sup>tm1Marc</sup>/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<sup>tm1Marc</sup>/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<sup>tm1Marc</sup>/leg.

No alerts have been found for B6.129-Aifm2<sup>tm1Marc</sup>/leg.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** European Mouse Mutant Archive

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## 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.