

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 17, 2026

[Apoe^{tm1Unc}/Apoe^{tm1Unc}; Cx3cr1^{tm1Zm}/Cx3cr1⁺](#)

RRID:MGI:3618279

Type: Organism

Proper Citation

RRID:MGI:3618279

Organism Information

URL:

Proper Citation: RRID:MGI:3618279

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

Species: Mus musculus

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

Phenotype: decreased susceptibility to atherosclerosis

Affected Gene: Cx3cr1, Apoe

Genomic Alteration: tm1Unc, tm1Zm

Catalog Number: 3618279

Background: B6.129-Apoe Cx3cr1

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12600915](#)

Organism Name: Apoe^{tm1Unc}/Apoe^{tm1Unc}; Cx3cr1^{tm1Zm}/Cx3cr1⁺

Record Creation Time: 20240120T190606+0000

Record Last Update: 20240130T202102+0000

Ratings and Alerts

No rating or validation information has been found for $\text{ApoE}^{\text{tm1Unc}}/\text{ApoE}^{\text{tm1Unc}}; \text{Cx3cr1}^{\text{tm1Zm}}/\text{Cx3cr1}^+$.

No alerts have been found for $\text{ApoE}^{\text{tm1Unc}}/\text{ApoE}^{\text{tm1Unc}}; \text{Cx3cr1}^{\text{tm1Zm}}/\text{Cx3cr1}^+$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Arnold L, et al. (2015) CX3CR1 deficiency promotes muscle repair and regeneration by enhancing macrophage ApoE production. Nature communications, 6, 8972.