

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Apoe^{tm1Unc}/Apoe^{tm1Unc}; Soat1^{tm1Ishi}/Soat1^{tm1Ishi}](#)

RRID:MGI:3582202

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3582202

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

Species: Mus musculus

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

Phenotype: abnormal lipid homeostasis, mixed cellular infiltration to dermis, dry eyes, abnormal dermal layer morphology, decreased hair follicle number, thick skin, skin lesions, alopecia, abnormal skin condition, xanthoma, thick dermal layer, increased circulating cholesterol level, Meibomian gland atrophy

Affected Gene: Soat1, Apoe

Genomic Alteration: tm1Ishi, tm1Unc

Catalog Number: 3582202

Background: involves: 129P2/OlaHsd * 129S7/SvEvBrd * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:10777503](#)

Organism Name: Apoe^{tm1Unc}/Apoe^{tm1Unc}; Soat1^{tm1Ishi}/Soat1^{tm1Ishi}

Record Creation Time: 20240120T190628+0000

Record Last Update: 20240130T202021+0000

Ratings and Alerts

No rating or validation information has been found for Apoe^{tm1Unc}/Apoe^{tm1Unc}; Soat1^{tm1Ishi}/Soat1^{tm1Ishi}.

No alerts have been found for Apoe^{tm1Unc}/Apoe^{tm1Unc}; Soat1^{tm1Ishi}/Soat1^{tm1Ishi}.

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.