

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

B6;129S5-AcsI3^{Gt(OST148301)}Lex/Orl

RRID:IMSR_EM:02308

Type: Organism

Proper Citation

RRID:IMSR_EM:02308

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=2308>

Proper Citation: RRID:IMSR_EM:02308

Description: Mus musculus with name B6;129S5-AcsI3^{Gt(OST148301)}Lex/Orl from IMSR.

Species: Mus musculus

Synonyms: B6;129S5-AcsI3. LEXKO-011

Notes: gene symbol note: acyl-CoA synthetase long-chain family member 3; mutant strain: AcsI3

Affected Gene: acyl-CoA synthetase long-chain family member 3

Genomic Alteration: gene trap OST148301; Lexicon Genetics

Catalog Number: EM:02308

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6;129S5-AcsI3^{Gt(OST148301)}Lex/Orl

Record Creation Time: 20250513T062217+0000

Record Last Update: 20260829T054518+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-Acs13^{Gt}(OST148301)Lex/Orl.

No alerts have been found for B6;129S5-Acs13^{Gt}(OST148301)Lex/Orl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Saliakoura M, et al. (2020) The ACSL3-LPIAT1 signaling drives prostaglandin synthesis in non-small cell lung cancer. *Oncogene*, 39(14), 2948.