

Resource Summary Report

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

C57BL/6NTac-Orc4^{tm1a(EUCOMM)Wtsi}/lcsOrl

RRID:IMSR_EM:07634

Type: Organism

Proper Citation

RRID:IMSR_EM:07634

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=7634>

Proper Citation: RRID:IMSR_EM:07634

Description: Mus musculus with name C57BL/6NTac-Orc4^{tm1a(EUCOMM)Wtsi}/lcsOrl from IMSR.

Species: Mus musculus

Notes: gene symbol note: origin recognition complex; subunit 4; mutant strain: Orc4

Affected Gene: origin recognition complex; subunit 4

Genomic Alteration: targeted mutation 1a; Wellcome Trust Sanger Institute

Catalog Number: EM:07634

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: IMSR_EM:04177

Organism Name: C57BL/6NTac-Orc4^{tm1a(EUCOMM)Wtsi}/lcsOrl

Record Creation Time: 20250513T062239+0000

Record Last Update: 20260829T054544+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NTac-Orc4^{tm1a(EUCOMM)Wtsi/JcsOrl}.

No alerts have been found for C57BL/6NTac-Orc4^{tm1a(EUCOMM)Wtsi/JcsOrl}.

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](#).

Nguyen H, et al. (2022) Deletion of Orc4 during oogenesis severely reduces polar body extrusion and blocks zygotic DNA replication†. *Biology of reproduction*, 106(4), 730.