

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

C57BL/6NTac-Cgas^{tm1a}(EUCOMM)Hmgu/lcsOrl

RRID:IMSR_EM:07632

Type: Organism

Proper Citation

RRID:IMSR_EM:07632

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=7632>

Proper Citation: RRID:IMSR_EM:07632

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

Species: Mus musculus

Synonyms: C57BL/6NTac-Mb21d1/lcsOrl

Notes: gene symbol note: cyclic GMP-AMP synthase; mutant strain: Cgas

Affected Gene: cyclic GMP-AMP synthase

Genomic Alteration: targeted mutation 1a; Helmholtz Zentrum Muenchen GmbH

Catalog Number: EM:07632

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: sperm

Alternate IDs: IMSR_EM:04599

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

Record Creation Time: 20250513T062239+0000

Record Last Update: 20260725T053008+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6NTac-Cgas^{tm1a(EUCOMM)Hmgu/lcsOrl}.

No alerts have been found for C57BL/6NTac-Cgas^{tm1a(EUCOMM)Hmgu/lcsOrl}.

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 [RRID](#) .

Mackenzie KJ, et al. (2017) cGAS surveillance of micronuclei links genome instability to innate immunity. Nature, 548(7668), 461.