

Resource Summary Report

Generated by [ASWG](#) on Jul 31, 2026

B6.129S2-Ighm^{tm1Cgn}/CgnOrl

RRID:IMSR_EM:00001

Type: Organism

Proper Citation

RRID:IMSR_EM:00001

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=1>

Proper Citation: RRID:IMSR_EM:00001

Description: Mus musculus with name B6.129S2-Ighm^{tm1Cgn}/CgnOrl from IMSR.

Species: Mus musculus

Synonyms: muMT0>(muKO)

Notes: gene symbol note: immunoglobulin heavy constant mu; mutant strain: Ighm

Affected Gene: immunoglobulin heavy constant mu

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: EM:00001

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6.129S2-Ighm^{tm1Cgn}/CgnOrl

Record Creation Time: 20250513T062204+0000

Record Last Update: 20260725T052929+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2-Ighm^{tm1Cgn}/CgnOrl.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human rheumatoid arthritis.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human type 1 diabetes mellitus.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Calce RP, et al. (2024) Voice categorization in the four-month-old human brain. Current biology : CB, 34(1), 46.

Pierre-Ferrer S, et al. (2024) A phosphate transporter in VIPergic neurons of the suprachiasmatic nucleus gates locomotor activity during the light/dark transition in mice. Cell reports, 43(5), 114220.

Kurlovich J, et al. (2024) Generation of marmoset primordial germ cell-like cells under chemically defined conditions. Life science alliance, 7(6).

Gaur P, et al. (2024) Rab7-dependent regulation of goblet cell protein CLCA1 modulates gastrointestinal homeostasis. eLife, 12.

Wei X, et al. (2023) A therapeutic small molecule lead enhances ??-oscillations and improves cognition/memory in Alzheimer's disease model mice. bioRxiv : the preprint server for biology.