

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

C.129P2(Cg)-Ighg1^{tm1(cre)}Cgn/J

RRID:IMSR_JAX:010612

Type: Organism

Proper Citation

RRID:IMSR_JAX:010612

Organism Information

URL: <https://www.jax.org/strain/010612>

Proper Citation: RRID:IMSR_JAX:010612

Description: Mus musculus with name C.129P2(Cg)-Ighg1^{tm1(cre)}Cgn/J from IMSR.

Species: Mus musculus

Synonyms: C.129P2(Cg)-Ighg1/J

Notes: gene symbol note: |immunoglobulin heavy constant gamma 1 (G1m marker); mutant strain|congenic strain: |Ighg1

Affected Gene: |immunoglobulin heavy constant gamma 1 (G1m marker)

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: JAX:010612

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: C.129P2(Cg)-Ighg1^{tm1(cre)}Cgn/J

Record Creation Time: 20250513T053716+0000

Record Last Update: 20260808T050921+0000

Ratings and Alerts

No rating or validation information has been found for C.129P2(Cg)-Ighg1^{tm1(cre)}Cgn/J.

No alerts have been found for C.129P2(Cg)-Ighg1^{tm1(cre)}Cgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Descatoire M, et al. (2022) Critical role of WASp in germinal center tolerance through regulation of B cell apoptosis and diversification. Cell reports, 38(10), 110474.

Firmino NS, et al. (2021) Germinal center hypoxia in tumor-draining lymph nodes negatively regulates tumor-induced humoral immune responses in mouse models of breast cancer. Oncoimmunology, 10(1), 1959978.

Cumpelik A, et al. (2021) Dynamic regulation of B cell complement signaling is integral to germinal center responses. Nature immunology, 22(6), 757.