

Resource Summary Report

Generated by [ASWG](#) on Aug 1, 2026

NOD.129-Rag1^{tm1Bal} B2m H2-Ab1/Orl

RRID:IMSR_EM:01638

Type: Organism

Proper Citation

RRID:IMSR_EM:01638

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=1638>

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Description: Mus musculus with name NOD.129-Rag1^{tm1Bal} B2m H2-Ab1/Orl from IMSR.

Species: Mus musculus

Synonyms: NOD.129-Rag1 B2m H2-Ab1/Orl. NOD-IAbeta-beta2m-RAG1-/-

Notes: gene symbol note: histocompatibility 2; class II antigen A; beta 1|beta-2 microglobulin|recombination activating 1; mutant strain: H2-Ab1|B2m|Rag1

Affected Gene: histocompatibility 2; class II antigen A; beta 1|beta-2 microglobulin|recombination activating 1

Genomic Alteration: targeted mutation 1; Christophe Benoist and Diane Mathis|targeted mutation 1; University of North Carolina|targeted mutation 1; David Baltimore

Catalog Number: EM:01638

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: NOD.129-Rag1^{tm1Bal} B2m H2-Ab1/Orl

Record Creation Time: 20250513T062211+0000

Record Last Update: 20260801T055858+0000

Ratings and Alerts

No rating or validation information has been found for NOD.129-Rag1^{tm1Bal} B2m H2-Ab1 /Orl.

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 1 mentions in open access literature.

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

Hamilton-Williams EE, et al. (2013) Fine mapping of type 1 diabetes regions Idd9.1 and Idd9.2 reveals genetic complexity. Mammalian genome : official journal of the International Mammalian Genome Society, 24(9-10), 358.