

# Resource Summary Report

Generated by ASWG on Aug 10, 2026

## B6.129-H2-Ab1<sup>tm1Gru</sup> N12

RRID:IMSR\_TAC:ABBN12

Type: Organism

### Proper Citation

RRID:IMSR\_TAC:ABBN12

### Organism Information

**URL:** <http://www.taconic.com/transgenic-mouse-model/abb-h2-ab1-model-abbn12>

**Proper Citation:** RRID:IMSR\_TAC:ABBN12

**Description:** Mus musculus with name B6.129-H2-Ab1<sup>tm1Gru</sup> N12 from IMSR.

**Species:** Mus musculus

**Synonyms:** ABBN12. B6.129S2-H2-Ab1/Tac. B6.129S2-H2-Ab1/Tac. Abb (H2-Ab1)

**Notes:** gene symbol note: histocompatibility 2; class II antigen A; beta 1|; mutant strain|congenic strain: H2-Ab1|

**Affected Gene:** histocompatibility 2; class II antigen A; beta 1|

**Genomic Alteration:** targeted mutation 1; Michael J Grusby|

**Catalog Number:** TAC:ABBN12

**Database:** Taconic Biosciences

**Database Abbreviation:** TAC

**Availability:** live

**Organism Name:** B6.129-H2-Ab1<sup>tm1Gru</sup> N12

**Record Creation Time:** 20250513T053520+0000

**Record Last Update:** 20260808T050724+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-H2-Ab1<sup>tm1Gru</sup> N12.

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

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Taconic Biosciences

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Kageyama M, et al. (2025) Functional significance of commonly regulated genes in mechanically and chemically induced retinal ganglion cell death in rat eyes. Scientific reports, 15(1), 23681.