

# Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

## STOCK B2m<sup>tm1Unc</sup> H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA\*0101.HLA-DRB1\*0101)1Dma/Orl

RRID:IMSR\_EM:01783

Type: Organism

### Proper Citation

RRID:IMSR\_EM:01783

### Organism Information

**URL:** <https://www.infrafrontier.eu/emma/strain-details/?q=1783>

**Proper Citation:** RRID:IMSR\_EM:01783

**Description:** Mus musculus with name STOCK B2m<sup>tm1Unc</sup> H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA\*0101.HLA-DRB1\*0101)1Dma/Orl from IMSR.

**Species:** Mus musculus

**Synonyms:** STOCK B2m H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DR1)/Orl. HLA-A2+HLA-DR1+/IAbeta2m. STOCK B2m H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA\*0101.HLA-DRB1\*0101)1Dma/Orl. Sure/L1

**Notes:** gene symbol note: transgene insertion 1; Daniel M Altmann|transgene insertion 1; Beatrice Perarnau|beta-2 microglobulin|histocompatibility 2; class II antigen A; beta 1; mutant strain: Tg(HLA-DRA\*0101;HLA-DRB1\*0101)1Dma|Tg(HLA-A/H2-D/B2M)1Bpe|B2m|H2-Ab1

**Affected Gene:** transgene insertion 1; Daniel M Altmann|transgene insertion 1; Beatrice Perarnau|beta-2 microglobulin|histocompatibility 2; class II antigen A; beta 1

**Genomic Alteration:** transgene insertion 1; Daniel M Altmann|transgene insertion 1; Beatrice Perarnau|targeted mutation 1; University of North Carolina|targeted mutation 1; Christophe Benoist and Diane Mathis

**Catalog Number:** EM:01783

**Database:** European Mouse Mutant Archive

**Database Abbreviation:** EMMA

**Availability:** embryo

**Organism Name:** STOCK B2m<sup>tm1Unc</sup> H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA\*0101.HLA-DRB1\*0101)1Dma/Orl

**Record Creation Time:** 20250513T062212+0000

**Record Last Update:** 20260725T052938+0000

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## Ratings and Alerts

No rating or validation information has been found for STOCK B2m<sup>tm1Unc</sup> H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA\*0101.HLA-DRB1\*0101)1Dma/Orl.

**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:** European Mouse Mutant Archive

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.