

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 18, 2026

STOCK B2m^{tm1Unc} 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^{tm1Unc} 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: histocompatibility 2; class II antigen A; beta 1|transgene insertion 1; Beatrice Perarnau|beta-2 microglobulin|transgene insertion 1; Daniel M Altmann; mutant strain: H2-Ab1|Tg(HLA-A/H2-D/B2M)1Bpe|B2m|Tg(HLA-DRA*0101;HLA-DRB1*0101)1Dma

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

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

Catalog Number: EM:01783

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK B2m^{tm1Unc} 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: 20260912T065127+0000

Ratings and Alerts

No rating or validation information has been found for STOCK B2m^{tm1Unc} 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.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We have not found any literature mentions for this resource.