

Resource Summary Report

Generated by [ASWG](#) on Jul 29, 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: 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^{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: 20260725T052938+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.