

Resource Summary Report

Generated by T1D on Sep 21, 2026

STOCK Rag2^{tm1Fwa} B2m Prf1 H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dma/Orl

RRID:IMSR_EM:06943

Type: Organism

Proper Citation

RRID:IMSR_EM:06943

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=6943>

Proper Citation: RRID:IMSR_EM:06943

Description: Mus musculus with name STOCK Rag2^{tm1Fwa} B2m Prf1 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 Rag2 B2m Prf1 H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dma/Orl

Notes: gene symbol note: perforin 1 (pore forming protein)|recombination activating gene 2|beta-2 microglobulin|histocompatibility 2; class II antigen A; beta 1|transgene insertion 1; Daniel M Altmann|transgene insertion 1; Beatrice Perarnau; mutant strain: Prf1|Rag2|B2m|H2-Ab1|Tg(HLA-DRA*0101;HLA-DRB1*0101)1Dma|Tg(HLA-A/H2-D/B2M)1Bpe

Affected Gene: perforin 1 (pore forming protein)|recombination activating gene 2|beta-2 microglobulin|histocompatibility 2; class II antigen A; beta 1|transgene insertion 1; Daniel M Altmann|transgene insertion 1; Beatrice Perarnau

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

Catalog Number: EM:06943

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: STOCK Rag2^{tm1Fwa} B2m Prf1 H2-Ab1 Tg(HLA-A/H2-D/B2M)1Bpe Tg(HLA-DRA*0101.HLA-DRB1*0101)1Dma/Orl

Record Creation Time: 20250513T062235+0000

Record Last Update: 20260919T064153+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Rag2^{tm1Fwa} B2m Prf1 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.