

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

B6.Cg-Immnp2lTg(HLA-A/H2-D)2Enge/J

RRID:IMSR_JAX:004191

Type: Organism

Proper Citation

RRID:IMSR_JAX:004191

Organism Information

URL: <https://www.jax.org/strain/004191>

Proper Citation: RRID:IMSR_JAX:004191

Description: Mus musculus with name B6.Cg-Immnp2lTg(HLA-A/H2-D)2Enge/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Tg(HLA-A/H2-D)2Enge/J. B6.Cg(CB)-Tg(HLA-A/H2-D)2Enge/J

Notes: gene symbol note: major histocompatibility complex; class I; subtype A2.1|major histocompatibility complex; class I; A|IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae); mutant strain|congenic strain: HLA-A2.1|HLA-A|Immnp2l

Affected Gene: major histocompatibility complex; class I; subtype A2.1|major histocompatibility complex; class I; A|IMP2 inner mitochondrial membrane peptidase-like (S. cerevisiae)

Genomic Alteration: transgene insertion 2; Victor H Engelhard

Catalog Number: JAX:004191

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Immnp2lTg(HLA-A/H2-D)2Enge/J

Record Creation Time: 20250513T053643+0000

Record Last Update: 20260725T044353+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Immp2|Tg(HLA-A/H2-D)2Enge/J.

No alerts have been found for B6.Cg-Immp2|Tg(HLA-A/H2-D)2Enge/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Weingarten-Gabbay S, et al. (2021) Profiling SARS-CoV-2 HLA-I peptidome reveals T??cell epitopes from out-of-frame ORFs. Cell, 184(15), 3962.

Koerner J, et al. (2021) PLGA-particle vaccine carrying TLR3/RIG-I ligand Riboxsim synergizes with immune checkpoint blockade for effective anti-cancer immunotherapy. Nature communications, 12(1), 2935.

Wolf K, et al. (2018) Identifying and Tracking Low-Frequency Virus-Specific TCR Clonotypes Using High-Throughput Sequencing. Cell reports, 25(9), 2369.