

# Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

## NOD.B6-Mcph1Tg(HLA-A2.1)1Enge/DvsJ

RRID:IMSR\_JAX:005512

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:005512

### Organism Information

**URL:** <https://www.jax.org/strain/005512>

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**Description:** Mus musculus with name NOD.B6-Mcph1<sup>Tg(HLA-A2.1)1Enge/DvsJ</sup> from IMSR.

**Species:** Mus musculus

**Synonyms:** NOD.B6-Tg(HLA-A2.1)1Enge/DvsJ

**Notes:** gene symbol note: major histocompatibility complex; class I; subtype A2.1|microcephaly; primary autosomal recessive 1|major histocompatibility complex; class I; A; mutant strain|congenic strain: HLA-A2.1|Mcph1|HLA-A

**Affected Gene:** major histocompatibility complex; class I; subtype A2.1|microcephaly; primary autosomal recessive 1|major histocompatibility complex; class I; A

**Genomic Alteration:** transgene insertion 1; Victor H Engelhard

**Catalog Number:** JAX:005512

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** NOD.B6-Mcph1<sup>Tg(HLA-A2.1)1Enge/DvsJ</sup>

**Record Creation Time:** 20250513T053650+0000

**Record Last Update:** 20260808T050852+0000

### Ratings and Alerts

No rating or validation information has been found for NOD.B6-Mcph1<sup>Tg(HLA-A2.1)</sup>1Enge/DvsJ.

No alerts have been found for NOD.B6-Mcph1<sup>Tg(HLA-A2.1)</sup>1Enge/DvsJ.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Saito A, et al. (2023) p53-independent tumor suppression by cell-cycle arrest via CREB/ATF transcription factor OASIS. Cell reports, 42(5), 112479.