

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit42)/1112MrkJ

RRID:IMSR_JAX:010971

Type: Organism

Proper Citation

RRID:IMSR_JAX:010971

Organism Information

URL: <https://www.jax.org/strain/010971>

Proper Citation: RRID:IMSR_JAX:010971

Description: Mus musculus with name NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit42)/1112MrkJ from IMSR.

Species: Mus musculus

Synonyms: NOD.c3c4. line1112. NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit142)/1112MrkJ. NOD.c3c4

Notes: gene symbol note: DNA segment; Chr 3; Massachusetts Institute of Technology 124|DNA segment; Chr 4; Massachusetts Institute of Technology 142|DNA segment; Chr 3; Massachusetts Institute of Technology 93|insulin dependent diabetes susceptibility 9.2|insulin dependent diabetes susceptibility 9.1|insulin dependent diabetes susceptibility 9.3|DNA segment; Chr 4; Massachusetts Institute of Technology 42|insulin dependent diabetes susceptibility 10|insulin dependent diabetes susceptibility 3|insulin dependent diabetes susceptibility 17|insulin dependent diabetes susceptibility 18|DNA segment; Chr 4; Massachusetts Institute of Technology 114; mutant strain|congenic strain: D3Mit124|D4Mit142|D3Mit93|Idd9.2|Idd9.1|Idd9.3|D4Mit42|Idd10|Idd3|Idd17|Idd18|D4Mit114

Affected Gene: DNA segment; Chr 3; Massachusetts Institute of Technology 124|DNA segment; Chr 4; Massachusetts Institute of Technology 142|DNA segment; Chr 3; Massachusetts Institute of Technology 93|insulin dependent diabetes susceptibility 9.2|insulin dependent diabetes susceptibility 9.1|insulin dependent diabetes susceptibility 9.3|DNA segment; Chr 4; Massachusetts Institute of Technology 42|insulin dependent diabetes susceptibility 10|insulin dependent diabetes susceptibility 3|insulin dependent diabetes susceptibility 17|insulin dependent diabetes susceptibility 18|DNA segment; Chr 4; Massachusetts Institute of Technology 114

Catalog Number: JAX:010971

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit42)/1112MrkJ

Record Creation Time: 20250513T053718+0000

Record Last Update: 20260808T050923+0000

Ratings and Alerts

No rating or validation information has been found for NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit42)/1112MrkJ.

No alerts have been found for NOD.B-(D3Mit93-D3Mit124)(D4Mit114-D4Mit42)/1112MrkJ.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Umeshappa CS, et al. (2021) Liver-specific T regulatory type-1 cells program local neutrophils to suppress hepatic autoimmunity via CRAMP. Cell reports, 34(13), 108919.