

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

MXH10/Mo-lpr/lpr

RRID:IMSR_RBRC11153

Type: Organism

Proper Citation

RRID:IMSR_RBRC11153

Organism Information

URL: <https://brc.riken.jp/mus/RBRC11153>

Proper Citation: RRID:IMSR_RBRC11153

Description: Mus musculus with name MXH10/Mo-lpr/lpr from IMSR.

Species: Mus musculus

Synonyms: MXH10-Fas/Kod

Notes: gene symbol note: Fas cell surface death receptor; recombinant congenic: Fas

Affected Gene: Fas cell surface death receptor

Genomic Alteration: lymphoproliferation

Catalog Number: RBRC11153

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: MXH10/Mo-lpr/lpr

Record Creation Time: 20250513T061527+0000

Record Last Update: 20260815T054855+0000

Ratings and Alerts

No rating or validation information has been found for MXH10/Mo-lpr/lpr.

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: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Miyatsu M, et al. (2025) Optimization of lymphatic drug delivery system with carboplatin for metastatic lymph nodes. Scientific reports, 15(1), 16037.

Kuwahata A, et al. (2025) Magnetic hyperthermia using iron oxide nanoparticles via LDDS suppressed lymph node and lung metastasis in a mouse model. Scientific reports, 15(1), 41933.

Takagi K, et al. (2024) A combination of lymphatic drug delivery of anti-CTLA-4 antibody and local radiotherapy for solid-tumor treatment. Cancer science, 115(12), 4021.

Mishra R, et al. (2023) Metastatic lymph node targeted CTLA4 blockade: a potent intervention for local and distant metastases with minimal ICI-induced pneumonia. Journal of experimental & clinical cancer research : CR, 42(1), 132.

Kato S, et al. (2021) Optimization of the delivery of molecules into lymph nodes using a lymphatic drug delivery system with ultrasound. International journal of pharmaceutics, 597, 120324.

Kato S, et al. (2020) In vivo delivery of an exogenous molecule into murine T lymphocytes using a lymphatic drug delivery system combined with sonoporation. Biochemical and biophysical research communications, 525(4), 1025.