

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

DBA/1

RRID:MGI:2159837

Type: Organism

Proper Citation

RRID:MGI:2159837

Organism Information

URL: <http://www.informatics.jax.org/strain/MGI:2159837>

Proper Citation: RRID:MGI:2159837

Description: laboratory mouse with name DBA/1 from MGI.

Species: laboratory mouse

Notes: Strain Type: inbred strain

Catalog Number: 2159837

Database: Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Organism Name: DBA/1

Record Creation Time: 20230227T022517+0000

Record Last Update: 20260829T203910+0000

Ratings and Alerts

No rating or validation information has been found for DBA/1.

No alerts have been found for DBA/1.

Data and Source Information

Source: [Integrated Animals](#)

Usage and Citation Metrics

We found 639 mentions in open access literature.

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

Ou Y, et al. (2026) Modulating nuclear stiffness and envelope barrier facilitates AAV nuclear entry and reduces immunogenicity. *Nature communications*, 17(1).

Chen H, et al. (2026) Apigenin Upregulates Regulatory B Cells, Suppresses Class Switch Recombination, and Restores Immune Homeostasis to Treat Autoimmune Arthritis and Sepsis. *Drug design, development and therapy*, 20, 603143.

Zhao L, et al. (2026) DC-CD4 bispecific tolerogenic nanovesicles induce antigen-specific regulatory T cells and ameliorate collagen-induced arthritis in mice. *Nature communications*, 17(1).

Zhu Y, et al. (2026) In-situ RhoA editing via heparinylated LNP-microsphere system for rheumatoid arthritis treatment. *Journal of nanobiotechnology*, 24(1), 166.

Xi W, et al. (2026) Therapeutic effects of Melittin acupoint injection on rheumatoid arthritis through autophagy activation and PI3K/AKT/mTOR pathway inhibition. *Quantitative imaging in medicine and surgery*, 16(1), 18.

Wang R, et al. (2026) Harnessing the gut-immune-joint axis: Oral microalgae-based thermoresponsive microspheres enhance intra-articular therapy for rheumatoid arthritis. *Bioactive materials*, 61, 72.

Ye L, et al. (2026) Bmal1 Attenuates Collagen-Induced Arthritis by Regulating Macrophage Polarization via Sirt1. *Journal of inflammation research*, 19, 595422.

Liu X, et al. (2026) Baricitinib alleviates interstitial lung disease in CIA mice by inhibiting macrophage polarization and increase exosomal miR-126a-3p with anti-fibrotic activity in vitro. *Frontiers in pharmacology*, 17, 1747540.

Mo X, et al. (2026) Collagen hybridizing peptide imaging and delivery of therapeutic antibody in rheumatoid arthritis models. *Nature communications*, 17(1).

Su Z, et al. (2026) Pim1 Serves as a Therapeutic Target for Inflammatory Arthritis via Mitochondrial Metabolism and Th17 Cell Differentiation. *Research (Washington, D.C.)*, 9, 1137.

Song J, et al. (2026) Magnetoelectric nanoparticles drive TAF9B+ TH2 cell expansion to alleviate inflammation. *Science advances*, 12(7), eadz3199.

Xin P, et al. (2026) Plasma Proteomics Identifies Thousand-and-One-Amino Acid Kinase 3 as a Potential Biomarker of Rheumatoid Arthritis Activity and a Novel Therapeutic Target. *Arthritis & rheumatology (Hoboken, N.J.)*, 78(5), 1045.

Wang X, et al. (2026) Biocatalytic Nanoregulators Restore Joint Redox-Immune Homeostasis in Rheumatoid Arthritis. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(10), e02894.

Sun Y, et al. (2026) Cyclovirobuxine D attenuates collagen-induced arthritis by inhibiting PI3K/AKT pathway and macrophage polarization. *Arthritis research & therapy*, 28(1).

Jiang Y, et al. (2026) Luteolin attenuates RA-associated chronic pain by targeting the LDHA/H3K9la/NFATC2 axis to suppress Th17 cell differentiation and central infiltration. *Journal of pharmaceutical analysis*, 16(1), 101373.

Hu J, et al. (2026) Identification of Immune-Related Lactylation Genes in Rheumatoid Arthritis With Atherosclerosis: A Comprehensive Analysis Using Bulk and Single-Cell RNA Sequencing Data. *Mediators of inflammation*, 2026(1), e9969894.

Du D, et al. (2026) Emodin Attenuates Rheumatoid Arthritis by Modulating the NF- κ B/HIF-1 α /VEGF Signaling Pathway. *International journal of molecular sciences*, 27(8).

Zhang C, et al. (2026) M1 macrophage-targeted engineered ginseng stems and leaves-derived extracellular vesicles delivery system for alleviating rheumatoid arthritis. *Regenerative biomaterials*, 13, rbag078.

Yan S, et al. (2026) TGF β R Hyperactivation Drives CD103 $^{+}$ /ITGB2 $^{+}$ TRM Cell Accumulation in High-Fat Diet-Exacerbated CIA. *International journal of biological sciences*, 22(8), 4095.

Li C, et al. (2026) Catalpol mitigates rheumatoid arthritis by targeting neutrophil extracellular trap release. *Frontiers in immunology*, 17, 1763586.