

Resource Summary Report

Generated by [dkNET](#) on Aug 31, 2026

[Foxp3^{tm1.1Ayr}/Foxp3^{tm1.1Ayr}; Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}](#)

RRID:MGI:4887824

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:4887824

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: premature aging, decreased interferon-gamma secretion, conjunctivitis, blepharitis, abnormal lymphocyte physiology, dermatitis, increased regulatory T cell number

Affected Gene: Mir146, Foxp3

Genomic Alteration: tm1.1Ayr, tm1.1Bal

Catalog Number: 4887824

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:20850013](#)

Organism Name: Foxp3^{tm1.1Ayr}/Foxp3^{tm1.1Ayr}; Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}

Record Creation Time: 20240120T190233+0000

Ratings and Alerts

No rating or validation information has been found for Foxp3^{tm1.1Ayr}/Foxp3^{tm1.1Ayr}; Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}.

No alerts have been found for Foxp3^{tm1.1Ayr}/Foxp3^{tm1.1Ayr}; Mir146^{tm1.1Bal}/Mir146^{tm1.1Bal}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dohnke S, et al. (2022) Role of Dynamic Actin Cytoskeleton Remodeling in Foxp3+ Regulatory T??Cell Development and Function: Implications for Osteoclastogenesis. Frontiers in immunology, 13, 836646.

Walker TL, et al. (2018) T Lymphocytes Contribute to the Control of Baseline Neural Precursor Cell Proliferation but Not the Exercise-Induced Up-Regulation of Adult Hippocampal Neurogenesis. Frontiers in immunology, 9, 2856.

Schallenberg S, et al. (2012) Vagaries of fluorochrome reporter gene expression in Foxp3+ regulatory T cells. PloS one, 7(8), e41971.