

Resource Summary Report

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

[Itch^{tm1.1Alta}/Itch^{tm1.1Alta}; Foxp3^{tm4\(YFP/icre\)}Ayr/Foxp3⁺](#)

RRID:MGI:5563103

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:5563103

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

Species: Mus musculus

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

Phenotype: abnormal T-helper 2 physiology, enlarged lymph nodes, dermatitis, abnormal T-helper 2 cell differentiation, abnormal lymph organ size, abnormal lymphopoiesis, abnormal regulatory T cell physiology, decreased CD4-positive, alpha beta T cell number, increased interleukin-13 secretion, increased IgE level, increased IgA level, increased CD8-positive, alpha-beta T cell number, increased CD4-positive, alpha beta T cell number, increased interleukin-5 secretion, abnormal interleukin secretion, increased interleukin-10 secretion, increased inflammatory response, increased leukocyte cell number, increased eosinophil cell number, increased interleukin-4 secretion, increased IgG1 level, increased interleukin-17 secretion, abnormal immunoglobulin level, weight loss, skin lesions, premature death, lung inflammation, increased regulatory T cell number, increased regulatory T cell apoptosis, immune system phenotype, enlarged spleen

Affected Gene: Itch, Foxp3

Genomic Alteration: tm1.1Alta, tm4(YFP/icre)Ayr

Catalog Number: 5563103

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:24135136](#)

Organism Name: Itch^{tm1.1Alta}/Itch^{tm1.1Alta}; Foxp3^{tm4(YFP/cre)Ayr}/Foxp3⁺

Record Creation Time: 20240120T190050+0000

Record Last Update: 20240130T201709+0000

Ratings and Alerts

No rating or validation information has been found for Itch^{tm1.1Alta}/Itch^{tm1.1Alta}; Foxp3^{tm4(YFP/cre)Ayr}/Foxp3⁺.

No alerts have been found for Itch^{tm1.1Alta}/Itch^{tm1.1Alta}; Foxp3^{tm4(YFP/cre)Ayr}/Foxp3⁺.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.