Resource Summary Report

Generated by NIF on Aug 1, 2026

C.129-*Thy1*^{a} *Foxp3*^{sf}/Mmnc

RRID:MMRRC_010500-UNC
Type: Organism

Proper Citation

RRID:MMRRC_010500-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=10500

Proper Citation: RRID:MMRRC_010500-UNC

Description: Mus musculus with name C.129-*Thy1*^{a} *Foxp3*^{sf}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Immunology and Inflammation, Models for Human Disease; Mutation Type: Spontaneous Mutation ; Collection:

Phenotype: small ears [MP:0000018]| thick ears [MP:0000019]| scaly ears [MP:0000020]| decreased hematocrit [MP:0000208]| increased leukocyte cell number [MP:0000218]| extramedullary hematopoiesis [MP:0000240]| enlarged heart [MP:0000274]| gastrointestinal hemorrhage [MP:0000465]| abnormal liver morphology [MP:0000598]| enlarged liver [MP:0000599]| enlarged liver sinusoidal spaces [MP:0000602]| pale liver [MP:0000603]| jaundice [MP:0000611]| abnormal spleen morphology [MP:0000689]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| abnormal thymus morphology [MP:0000703]| small thymus [MP:0000706]| small gonad [MP:0001116]| abnormal male reproductive system morphology [MP:0001145]| small testis [MP:0001147]| scaly skin [MP:0001192]| dermatitis [MP:0001194]| tight skin [MP:0001198]| skin lesions [MP:0001212]| abnormal epidermal layer morphology [MP:0001216]| epidermal hyperplasia [MP:0001222]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| distended abdomen [MP:0001270]| delayed eyelid opening [MP:0001290]| hunched posture [MP:0001505]| anemia [MP:0001577]| multifocal hepatic necrosis [MP:0001655]| postnatal growth retardation [MP:0001732]| abnormal homeostasis [MP:0001764]| increased inflammatory response [MP:0001846]| conjunctivitis [MP:0001852]| abnormal atrial thrombosis [MP:0001855]| liver inflammation [MP:0001860]| lung inflammation [MP:0001861]| salivary gland inflammation [MP:0001870]| male infertility [MP:0001925]| abnormal breathing pattern [MP:0001951]| postnatal lethality [MP:0002082]| premature death [MP:0002083]| cryptorchism [MP:0002286]| abnormal lymph node morphology [MP:0002339]| abnormal

lymph node B cell domain morphology [MP:0002344]| abnormal lymph node T cell domain morphology [MP:0002347]| abnormal spleen white pulp morphology [MP:0002357]| abnormal thymus cortex morphology [MP:0002371]| abnormal megakaryocyte progenitor cell morphology [MP:0002413]| abnormal reticulocyte morphology [MP:0002424]| abnormal CD4-positive [MP:0002432]| alpha beta T cell morphology [MP:0002435]| abnormal effector T cell morphology [MP:0002446]| abnormal macrophage morphology [MP:0002447]| abnormal erythrocyte morphology [MP:0002459]| abnormal B cell physiology [MP:0002461]| increased immunoglobulin level [MP:0002493]| increased IgG level [MP:0002494]| increased IgM level [MP:0002590]| increased mean corpuscular volume [MP:0002599]| increased mean platelet volume [MP:0002619]| abnormal lymphocyte morphology [MP:0002642]| anisocytosis [MP:0002643]| poikilocytosis [MP:0002670]| absent scrotum [MP:0002722]| abnormal immune system organ morphology [MP:0002771]| absent prostate gland anterior lobe [MP:0002874]| decreased hemoglobin content [MP:0002875]| decreased erythrocyte cell number [MP:0003009]| abnormal cytokine secretion [MP:0003179]| thrombocytopenia [MP:0003292]| melena [MP:0003427]| parakeratosis [MP:0003550]| short perineum [MP:0003642]| absent seminal vesicle [MP:0004947]| skin inflammation [MP:0004952]| increased spleen weight [MP:0004969]| pale kidney [MP:0005010]| abnormal CD8-positive [MP:0005036]| alpha beta T cell morphology [MP:0005097]| diarrhea [MP:0005150]| polychromatophilia [MP:0005202]| cachexia [MP:0005251]| lethargy [MP:0005287]| blepharitis [MP:0005463]| narrow eye opening [MP:0005639]| abnormal CD4-positive [MP:0008074]| alpha-beta T cell physiology [MP:0008097]| hemosiderosis [MP:0008234]| increased CD4-positive [MP:0008255]| alpha beta T cell number [MP:0008470]| increased plasma cell number [MP:0008475]| absent spleen marginal zone [MP:0008476]| decreased megakaryocyte cell number [MP:0008478]| abnormal spleen B cell follicle morphology [MP:0008560]| intermingled spleen red and white pulp [MP:0008699]| increased spleen red pulp amount [MP:0008705]| increased spleen white pulp amount [MP:0008751]| increased tumor necrosis factor secretion [MP:0008752]| increased interleukin-4 secretion [MP:0009675]| increased interleukin-6 secretion [MP:0010169]| abnormal interleukin level [MP:0010334]| abnormal tumor necrosis factor level [MP:0011083]| orthokeratosis [MP:0011086]| decreased CD4-positive [MP:0011224]| CD25-positive [MP:0012078]| alpha-beta regulatory T cell number [MP:0012246]

Affected Gene: ||Foxp3|Thy1

Catalog Number: 010500-UNC

Background: Spontaneous Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:12932350, PMID:12612578

Alternate IDs: MMRRC_10500-UNC, MMRRC_010500, MMRRC_15

Organism Name: C.129-*Thy1*^{a} *Foxp3*^{sf}/Mmnc

Record Creation Time: 20230308T054905+0000

Record Last Update: 20260725T163708+0000

Ratings and Alerts

No rating or validation information has been found for C.129-*Thy1*^{a} *Foxp3*^{sf}/Mmnc.

Warning: Warning. Researchers have noted that this genotype does not sufficiently model human X-linked ichthyosis.

Data and Source Information

Source: Integrated Animals

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We have not found any literature mentions for this resource.