

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

C.129S2(B6)-*Tgfb1*^{tm1Doe}/Mmnc

RRID:MMRRC_000118-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000118-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=118

Proper Citation: RRID:MMRRC_000118-UNC

Description: Mus musculus with name C.129S2(B6)-*Tgfb1*^{tm1Doe}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: increased leukocyte cell number [MP:0000218]| increased cell proliferation [MP:0000351]| small spleen [MP:0000692]| enlarged lymph nodes [MP:0000702]| small seminiferous tubules [MP:0001153]| abnormal spermatogenesis [MP:0001156]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| reduced male mating frequency [MP:0001380]| hunched posture [MP:0001505]| disheveled coat [MP:0001511]| gastric necrosis [MP:0001653]| hepatic necrosis [MP:0001654]| multifocal hepatic necrosis [MP:0001655]| thymus hypoplasia [MP:0001823]| abnormal inflammatory response [MP:0001845]| brain inflammation [MP:0001847]| eye inflammation [MP:0001851]| conjunctivitis [MP:0001852]| heart inflammation [MP:0001853]| liver inflammation [MP:0001860]| lung inflammation [MP:0001861]| pancreas inflammation [MP:0001869]| salivary gland inflammation [MP:0001870]| stomach inflammation [MP:0001873]| decreased inflammatory response [MP:0001876]| male infertility [MP:0001925]| premature death [MP:0002083]| abnormal diaphragm morphology [MP:0002279]| abnormal Peyer's patch germinal center morphology [MP:0002391]| abnormal T cell physiology [MP:0002444]| oligozoospermia [MP:0002687]| decreased circulating luteinizing hormone level [MP:0002773]| decreased circulating testosterone level [MP:0002780]| abnormal testes secretion [MP:0002782]| decreased circulating follicle stimulating hormone level [MP:0002790]| increased circulating alanine transaminase level [MP:0002941]| gastric ulcer [MP:0003282]| increased susceptibility to kidney reperfusion injury [MP:0004041]| renal tubular necrosis [MP:0004154]| myositis [MP:0004510]| skin inflammation [MP:0004947]| decreased spleen weight [MP:0004953]| cachexia [MP:0005150]|

increased circulating creatinine level [MP:0005553]| increased lung weight [MP:0005630]| myocardial necrosis [MP:0006085]| abnormal spermatid morphology [MP:0006380]| increased CD4-positive [MP:0008074]| alpha beta T cell number [MP:0008075]| decreased CD4-positive [MP:0008086]| alpha beta T cell number [MP:0008133]| increased T-helper 1 cell number [MP:0008566]| decreased Peyer's patch number [MP:0008872]| increased interferon-gamma secretion [MP:0008880]| abnormal physiological response to xenobiotic [MP:0009305]| lacrimal gland inflammation [MP:0009697]| decreased retroperitoneal fat pad weight [MP:0009856]| abnormal copulation [MP:0011083]| failure of ejaculation [MP:0011085]| lethality at weaning [MP:0011086]| complete penetrance [MP:0011101]| postnatal lethality [MP:0013467]

Affected Gene: Tgfb1

Catalog Number: 000118-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:11342667](#)

Alternate IDs: MMRRC_118-UNC, MMRRC_000118, MMRRC_118

Organism Name: C.129S2(B6)-*Tgfb1*^{tm1Doe}/Mmnc

Record Creation Time: 20230308T054750+0000

Record Last Update: 20260905T110212+0000

Ratings and Alerts

No rating or validation information has been found for C.129S2(B6)-*Tgfb1*^{tm1Doe}/Mmnc.

No alerts have been found for C.129S2(B6)-*Tgfb1*^{tm1Doe}/Mmnc.

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.