

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

B6.Cg-*Tcrb*^{tm1Mom} Tg(UBC-GFP)30Scha/Mmnc

RRID:MMRRC_000339-UNC

Type: Organism

Proper Citation

RRID:MMRRC_000339-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=339

Proper Citation: RRID:MMRRC_000339-UNC

Description: Mus musculus with name B6.Cg-*Tcrb*^{tm1Mom} Tg(UBC-GFP)30Scha/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cancer, Immunology and Inflammation; Mutation Type: Targeted Mutation ; Collection:

Phenotype: enlarged liver [MP:0000599]| enlarged spleen [MP:0000691]| spleen hypoplasia [MP:0000694]| absent CD8-positive [MP:0000727]| alpha-beta T cells [MP:0000938]| motor neuron degeneration [MP:0001219]| thick epidermis [MP:0001243]| abnormal dermal layer morphology [MP:0001263]| weight loss [MP:0001805]| decreased IgG level [MP:0001807]| decreased IgA level [MP:0001823]| thymus hypoplasia [MP:0001825]| arrested T cell differentiation [MP:0002023]| increased B cell derived lymphoma incidence [MP:0002083]| premature death [MP:0002132]| abnormal respiratory system morphology [MP:0002133]| abnormal respiratory system physiology [MP:0002144]| abnormal B cell differentiation [MP:0002492]| decreased IgE level [MP:0002494]| increased IgM level [MP:0002495]| increased IgA level [MP:0002816]| colitis [MP:0003691]| abnormal microglial cell physiology [MP:0003725]| increased autoantibody level [MP:0003726]| decreased autoantibody level [MP:0003790]| absent CD4-positive [MP:0004762]| alpha beta T cells [MP:0004796]| increased anti-double stranded DNA antibody level [MP:0004829]| increased anti-histone antibody level [MP:0004939]| increased anti-chromatin antibody level [MP:0004947]| abnormal B cell morphology [MP:0005014]| skin inflammation [MP:0005015]| increased B cell number [MP:0005016]| increased T cell number [MP:0005017]| decreased lymphocyte cell number [MP:0005018]| decreased B cell number [MP:0005025]| decreased T cell number [MP:0005092]| abnormal response to infection [MP:0008075]| decreased double-positive T cell number [MP:0008079]| decreased CD4-positive [MP:0008098]| alpha beta T cell

number [MP:0008173]| decreased CD8-positive [MP:0008181]| alpha-beta T cell number [MP:0008188]| decreased plasma cell number [MP:0008210]| increased follicular B cell number [MP:0008214]| increased marginal zone B cell number [MP:0008495]| abnormal transitional stage B cell morphology [MP:0009925]| increased mature B cell number [MP:0010229]| increased immature B cell number [MP:0010286]| decreased IgG1 level [MP:0011320]| increased transitional stage T2 B cell number [MP:0011427]| increased transitional stage T3 B cell number [MP:0020519]

Affected Gene: |Tcrb|Ubc|GFP|

Catalog Number: 000339-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:1359428](https://pubmed.ncbi.nlm.nih.gov/1359428/)

Alternate IDs: MMRRC_339-UNC, MMRRC_000339, MMRRC_339

Organism Name: B6.Cg-*Tcrb*^{tm1Mom} Tg(UBC-GFP)30Scha/Mmnc

Record Creation Time: 20230308T054752+0000

Record Last Update: 20260801T123205+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-*Tcrb*^{tm1Mom} Tg(UBC-GFP)30Scha/Mmnc.

No alerts have been found for B6.Cg-*Tcrb*^{tm1Mom} Tg(UBC-GFP)30Scha/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.