

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

B6J.Cg-Ptprc^{tm1Holm} Tg(ITGAL-Ptprc^a)BRasch/Mmucd

RRID:MMRRC_044051-UCD

Type: Organism

Proper Citation

RRID:MMRRC_044051-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=44051

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Description: Mus musculus with name B6J.Cg-Ptprc^{tm1Holm} Tg(ITGAL-Ptprc^a)BRasch/Mmucd from MMRRC.

Species: Mus musculus

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

Phenotype: spleen hyperplasia [MP:0000693]| thymus hyperplasia [MP:0000708]| decreased thymocyte number [MP:0000715]| increased T cell derived lymphoma incidence [MP:0002024]| abnormal T cell differentiation [MP:0002145]| abnormal lymphopoiesis [MP:0002401]| abnormal B cell number [MP:0002458]| decreased T cell number [MP:0005018]| increased double-negative T cell number [MP:0005090]| decreased double-positive T cell number [MP:0005092]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008079]| abnormal T cell differentiation [MP:0002145]| abnormal interferon level [MP:0008750]| altered susceptibility to infection induced morbidity/mortality [MP:0009785]| decreased susceptibility to viral infection induced morbidity/mortality [MP:0009790]| increased susceptibility to viral infection induced morbidity/mortality [MP:0009791]| abnormal NK cell physiology [MP:0010766]

Affected Gene: |Ptprc|Ptprc

Catalog Number: 044051-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:8666928](#), [PMID:19269962](#), [PMID:19683682](#), [PMID:11389149](#), [PMID:12393487](#)

Alternate IDs: MMRRC_44051-UCD, MMRRC_044051, MMRRC_4451

Organism Name: B6J.Cg-*Ptprc*^{tm1Holm} Tg(ITGAL-Ptprc^a)BRasch/Mmucd

Record Creation Time: 20230308T055237+0000

Record Last Update: 20260912T135040+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Ptprc*^{tm1Holm} Tg(ITGAL-Ptprc^a)BRasch/Mmucd.

No alerts have been found for B6J.Cg-*Ptprc*^{tm1Holm} Tg(ITGAL-Ptprc^a)BRasch/Mmucd.

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.