

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

B6;129S5-Pknox1^{Gt(OST71835)}Lex/Mmucd

RRID:MMRRC_011757-UCD

Type: Organism

Proper Citation

RRID:MMRRC_011757-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=11757

Proper Citation: RRID:MMRRC_011757-UCD

Description: Mus musculus with name B6;129S5-Pknox1^{Gt(OST71835)}Lex/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Gene Trap ; Collection: Lexicon

Phenotype: decreased hematocrit [MP:0000208] abnormal erythropoiesis [MP:0000245] abnormal liver development [MP:0000596] decreased body weight [MP:0001262] abnormal eye development [MP:0001286] small lens [MP:0001306] anemia [MP:0001577] edema [MP:0001785] thymus hypoplasia [MP:0001823] hemorrhage [MP:0001914] abnormal eye morphology [MP:0002092] abnormal blood cell morphology/development [MP:0002429] pallor [MP:0003717] abnormal prenatal growth/weight/body size [MP:0004196] decreased fetal size [MP:0004200] increased double-negative T cell number [MP:0005090] abnormal retinal pigment epithelium morphology [MP:0005201] decreased percent body fat/body weight [MP:0005459] decreased angiogenesis [MP:0005602] abnormal retinal neuronal layer morphology [MP:0006069] increased T cell apoptosis [MP:0006413] decreased single-positive T cell number [MP:0008083] decreased erythroid progenitor cell number [MP:0008973] increased nucleated erythrocyte cell number [MP:0009395] decreased birth body size [MP:0009703] perinatal lethality [MP:0011089] complete penetrance [MP:0011099]

Affected Gene: Pknox1

Catalog Number: 011757-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Alternate IDs: MMRRC_11757-UCD, MMRRC_011757, MMRRC_11757

Organism Name: B6;129S5-*Pknox1*^{Gt(OST71835)Lex}/Mmucd

Record Creation Time: 20230308T054913+0000

Record Last Update: 20260815T123315+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S5-*Pknox1*^{Gt(OST71835)Lex}/Mmucd.

No alerts have been found for B6;129S5-*Pknox1*^{Gt(OST71835)Lex}/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.