

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

129S.B6-Stub1^{tm1Cpat}/Mmnc

RRID:MMRRC_037469-UNC

Type: Organism

Proper Citation

RRID:MMRRC_037469-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=37469

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Description: Mus musculus with name 129S.B6-Stub1^{tm1Cpat}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cardiovascular, Dermatology, Diabetes, Endocrine Deficiency, Metabolism, Models for Human Disease, Neurobiology, Reproduction, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: abnormal cerebellum morphology [MP:0000849]| Purkinje cell degeneration [MP:0000876]| ataxia [MP:0001393]| impaired coordination [MP:0001405]| short stride length [MP:0001407]| abnormal response to new environment [MP:0001413]| decreased startle reflex [MP:0001489]| abnormal apoptosis [MP:0001648]| thymus hypoplasia [MP:0001823]| reduced fertility [MP:0001921]| thymus atrophy [MP:0003644]| abnormal muscle fiber morphology [MP:0004087]| abnormal sarcoplasmic reticulum morphology [MP:0004088]| decreased testis weight [MP:0004852]| decreased follicle stimulating hormone level [MP:0005130]| increased susceptibility to injury [MP:0005165]| increased urine potassium level [MP:0005619]| abnormal cell physiology [MP:0005621]| increased urine sodium level [MP:0006316]| increased urine osmolality [MP:0008055]| abnormal Purkinje cell dendrite morphology [MP:0008572]| abnormal skeletal muscle fiber type ratio [MP:0009409]| increased thymocyte apoptosis [MP:0009541]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011090]| perinatal lethality [MP:0011459]| incomplete penetrance [MP:0011466]| increased urine chloride ion level [MP:0011470]| increased urine urea nitrogen level [MP:0011942]| increased urine creatinine level [MP:0012307]

Affected Gene: Stub1

Catalog Number: 037469-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:14532117](#)

Alternate IDs: MMRRC_37469-UNC, MMRRC_037469, MMRRC_37469

Organism Name: 129S.B6-*Stub1*^{tm1Cpat}/Mmnc

Record Creation Time: 20230308T055151+0000

Record Last Update: 20260808T124117+0000

Ratings and Alerts

No rating or validation information has been found for 129S.B6-*Stub1*^{tm1Cpat}/Mmnc.

No alerts have been found for 129S.B6-*Stub1*^{tm1Cpat}/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.