

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

B6;129P2-Sptan1^{Gt(RRQ171)}Byg/Mmucd

RRID:MMRRC_016356-UCD

Type: Organism

Proper Citation

RRID:MMRRC_016356-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=16356

Proper Citation: RRID:MMRRC_016356-UCD

Description: Mus musculus with name B6;129P2-Sptan1^{Gt(RRQ171)}Byg/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cancer, Cardiovascular, Cell Biology, Dermatology, Developmental Biology, Endocrine Deficiency, Hematology, Immunology and Inflammation, Internal/Organ, Metabolism, Models for Human Disease, Neurobiology, Reproduction, Research Tools, Sensorineural, Virology; Mutation Type: Gene Trap ; Collection: BayGenomics

Phenotype: abnormal heart shape [MP:0000277]| increased cell proliferation [MP:0000351]| abnormal craniofacial morphology [MP:0000428]| abnormal forebrain morphology [MP:0000783]| abnormal lateral ventricle morphology [MP:0000823]| decreased embryo size [MP:0001698]| cerebral aqueductal stenosis [MP:0002958]| abnormal neural tube closure [MP:0003720]| embryonic growth retardation [MP:0003984]| thin myocardium compact layer [MP:0004057]| abnormal embryonic/fetal subventricular zone morphology [MP:0004274]| dilated heart [MP:0004937]| abnormal cell physiology [MP:0005621]| abnormal cortical ventricular zone morphology [MP:0008458]| abnormal axon initial segment morphology [MP:0010733]| lethality throughout fetal growth and development [MP:0011099]| complete penetrance [MP:0011108]| embryonic lethality during organogenesis [MP:0012676]

Affected Gene: Sptan1

Catalog Number: 016356-UCD

Background: Gene Trap

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:12520002](#)

Alternate IDs: MMRRC_16356-UCD, MMRRC_016356, MMRRC_16356

Organism Name: B6;129P2-*Sptan1*^{Gt(RRQ171)Byg}/Mmucd

Record Creation Time: 20230308T054941+0000

Record Last Update: 20260912T134346+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-*Sptan1*^{Gt(RRQ171)Byg}/Mmucd.

No alerts have been found for B6;129P2-*Sptan1*^{Gt(RRQ171)Byg}/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.