

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

B6J.Cg-Gas6^{tm1Pec} Ax^{tm1Grl}/ShzbMmucd

RRID:MMRRC_065428-UCD

Type: Organism

Proper Citation

RRID:MMRRC_065428-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=65428

Proper Citation: RRID:MMRRC_065428-UCD

Description: Mus musculus with name B6J.Cg-Gas6^{tm1Pec} Ax^{tm1Grl}/ShzbMmucd from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal spleen morphology [MP:0000689]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| abnormal forebrain morphology [MP:0000783]| abnormal cerebral cortex morphology [MP:0000788]| abnormal hippocampus morphology [MP:0000807]| abnormal cerebellum morphology [MP:0000849]| abnormal uterus morphology [MP:0001120]| vagina atresia [MP:0001144]| small testis [MP:0001147]| abnormal spermatogenesis [MP:0001156]| abnormal prostate gland epithelium morphology [MP:0001168]| skin lesions [MP:0001212]| abnormal blood vessel morphology [MP:0001614]| internal hemorrhage [MP:0001634]| abnormal apoptosis [MP:0001648]| abnormal T cell activation [MP:0001828]| reduced female fertility [MP:0001923]| male infertility [MP:0001925]| delayed sexual maturation [MP:0001938]| blindness [MP:0002001]| abnormal seminiferous tubule morphology [MP:0002216]| altered susceptibility to autoimmune disorder [MP:0002425]| abnormal macrophage physiology [MP:0002451]| abnormal professional antigen presenting cell physiology [MP:0002452]| joint inflammation [MP:0002933]| increased vascular permeability [MP:0003070]| liver degeneration [MP:0003103]| increased neuron apoptosis [MP:0003203]| abnormal forebrain development [MP:0003232]| increased autoantibody level [MP:0003725]| increased anti-double stranded DNA antibody level [MP:0004762]| enlarged uterus [MP:0004906]| increased lymphocyte cell number [MP:0005013]| abnormal thrombosis [MP:0005048]| increased B cell proliferation [MP:0005154]| azoospermia [MP:0005159]| increased T cell proliferation [MP:0005348]| abnormal neuronal migration [MP:0006009]|

increased apoptosis [MP:0006042]| abnormal B cell activation [MP:0008217]| retinal cone cell degeneration [MP:0008444]| retinal rod cell degeneration [MP:0008451]| increased circulating tumor necrosis factor level [MP:0008553]| prolonged estrous cycle [MP:0009006]| delayed estrous cycle [MP:0009008]| short diestrus [MP:0009012]| prolonged proestrus [MP:0009014]| small endometrial glands [MP:0009396]| decreased Sertoli cell phagocytosis [MP:0009853]| increased granulosa cell apoptosis [MP:0013508]| abnormal blood coagulation [MP:0002551]| increased vascular permeability [MP:0003070]| abnormal platelet dense granule physiology [MP:0009446]| decreased platelet aggregation [MP:0009549]

Affected Gene: Axl|Gas6|

Catalog Number: 065428-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:28925029](#), [PMID:10227296](#), [PMID:11175853](#)

Alternate IDs: MMRRC_65428-UCD, MMRRC_065428, MMRRC_65428

Organism Name: B6J.Cg-Gas6^{tm1Pec} Axl^{tm1Gr1}/ShzbMmucd

Record Creation Time: 20230308T055500+0000

Record Last Update: 20260808T124949+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-Gas6^{tm1Pec} Axl^{tm1Gr1}/ShzbMmucd.

No alerts have been found for B6J.Cg-Gas6^{tm1Pec} Axl^{tm1Gr1}/ShzbMmucd.

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.