

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

## B6.SB-Lyn<sup>m2Anu</sup>/AnuApbMmucd

RRID:MMRRC\_041278-UCD

Type: Organism

### Proper Citation

RRID:MMRRC\_041278-UCD

### Organism Information

**URL:** [https://www.mmrrc.org/catalog/sds.php?mmrrc\\_id=41278](https://www.mmrrc.org/catalog/sds.php?mmrrc_id=41278)

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**Description:** Mus musculus with name B6.SB-Lyn<sup>m2Anu</sup>/AnuApbMmucd from MMRRC.

**Species:** Mus musculus

**Notes:** Research areas: Immunology and Inflammation; Mutation Type: chemically induced mutation ; Collection: NHMRC Australian PhenomeBank

**Phenotype:** decreased mature B cell number [MP:0008211]| increased immature B cell number [MP:0008214]| increased monocyte cell number [MP:0000220]| abnormal mast cell morphology [MP:0000359]| abnormal hair follicle morphology [MP:0000377]| abnormal hair follicle orientation [MP:0000383]| sparse hair [MP:0000416]| enlarged spleen [MP:0000691]| enlarged lymph nodes [MP:0000702]| thick epidermis [MP:0001219]| decreased body size [MP:0001265]| absent vibrissae [MP:0001284]| extended life span [MP:0001661]| decreased IgG level [MP:0001805]| abnormal immune cell physiology [MP:0001819]| autoimmune response [MP:0001844]| increased T cell derived lymphoma incidence [MP:0002024]| premature death [MP:0002083]| abnormal kidney morphology [MP:0002135]| abnormal B cell differentiation [MP:0002144]| abnormal lymph node morphology [MP:0002339]| abnormal effector T cell morphology [MP:0002435]| increased IgG level [MP:0002493]| abnormal monocyte morphology [MP:0002620]| abnormal immune serum protein physiology [MP:0002723]| glomerulonephritis [MP:0002743]| decreased erythrocyte cell number [MP:0002875]| increased urine protein level [MP:0002962]| increased autoantibody level [MP:0003725]| abnormal T cell subpopulation ratio [MP:0003944]| increased anti-double stranded DNA antibody level [MP:0004762]| increased anti-single stranded DNA antibody level [MP:0004771]| increased anti-nuclear antigen antibody level [MP:0004794]| decreased anti-nuclear antigen antibody level [MP:0004795]| increased anti-erythrocyte antigen antibody level [MP:0004797]| increased susceptibility to systemic lupus erythematosus [MP:0004801]| decreased susceptibility to systemic lupus erythematosus [MP:0004802]| increased anti-chromatin antibody level

[MP:0004829]| increased spleen weight [MP:0004952]| decreased B cell number [MP:0005017]| increased susceptibility to autoimmune disorder [MP:0005350]| decreased susceptibility to autoimmune disorder [MP:0005351]| increased susceptibility to type III hypersensitivity reaction [MP:0005615]| porphyria [MP:0005654]| decreased CD4-positive [MP:0008075]| alpha beta T cell number [MP:0008097]| increased plasma cell number [MP:0008182]| decreased marginal zone B cell number [MP:0008470]| abnormal spleen B cell follicle morphology [MP:0008499]| increased IgG1 level [MP:0008500]| increased IgG2a level [MP:0008501]| increased IgG2b level [MP:0008502]| increased IgG3 level [MP:0009060]| increased circulating interleukin-21 level [MP:0009333]| abnormal splenocyte physiology [MP:0009336]| increased splenocyte proliferation [MP:0009338]| increased splenocyte number [MP:0012431]| increased lymphoma incidence [MP:0020519]

**Affected Gene:** |Lyn|

**Catalog Number:** 041278-UCD

**Background:** chemically induced mutation

**Database:** Mutant Mouse Resource and Research Center (MMRRC)

**Database Abbreviation:** MMRRC

**Alternate IDs:** MMRRC\_41278-UCD, MMRRC\_041278, MMRRC\_41278

**Organism Name:** B6.SB-Lyn<sup>m2Anu</sup>/AnuApbMmucd

**Record Creation Time:** 20230308T055217+0000

**Record Last Update:** 20260905T111017+0000

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## Ratings and Alerts

No rating or validation information has been found for B6.SB-Lyn<sup>m2Anu</sup>/AnuApbMmucd.

**Warning:** Warning. Researchers have noted that this genotype does not sufficiently model human systemic lupus erythematosus.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Mutant Mouse Resource and Research Center (MMRRC)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.