

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

B6J.129S7(FVB)-Slc33a1^{tm1.1Lpu}/Mmmh

RRID:MMRRC_068120-MU

Type: Organism

Proper Citation

RRID:MMRRC_068120-MU

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=68120

Proper Citation: RRID:MMRRC_068120-MU

Description: Mus musculus with name B6J.129S7(FVB)-Slc33a1^{tm1.1Lpu}/Mmmh from MMRRC.

Species: Mus musculus

Notes: Research areas: Cell Biology, Metabolism, Models for Human Disease, Neurobiology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: increased neutrophil cell number [MP:0000219]| abnormal corpus callosum morphology [MP:0000780]| decreased corpus callosum size [MP:0000781]| demyelination [MP:0000921]| dermatitis [MP:0001194]| limb grasping [MP:0001513]| embryonic growth arrest [MP:0001730]| abnormal T cell activation [MP:0001828]| increased inflammatory response [MP:0001846]| brain inflammation [MP:0001847]| conjunctivitis [MP:0001852]| salivary gland inflammation [MP:0001870]| stomach inflammation [MP:0001873]| increased thermal nociceptive threshold [MP:0001973]| increased tumor incidence [MP:0002020]| increased sarcoma incidence [MP:0002032]| increased lung adenoma incidence [MP:0002048]| abnormal motor capabilities/coordination/movement [MP:0002066]| gliosis [MP:0002183]| neurodegeneration [MP:0002229]| increased susceptibility to infection [MP:0002406]| abnormal cytokine secretion [MP:0003009]| neuron degeneration [MP:0003224]| astrogliosis [MP:0003354]| prostate gland inflammation [MP:0003608]| embryonic growth retardation [MP:0003984]| increased B cell number [MP:0005014]| decreased B cell number [MP:0005017]| axon degeneration [MP:0005405]| abnormal enzyme/coenzyme activity [MP:0005584]| abnormal spinal cord white matter morphology [MP:0008027]| abnormal autophagy [MP:0008260]| increased interferon-gamma secretion [MP:0008566]| increased circulating interleukin-17 level [MP:0008614]| increased circulating interleukin-18 level [MP:0008635]| increased interleukin-17 secretion [MP:0008681]| increased interleukin-4 secretion [MP:0008699]| decreased survivor rate [MP:0008770]| microgliosis [MP:0008918]| urinary bladder

inflammation [MP:0009646]| decreased grip strength [MP:0010053]| abnormal circulating cytokine level [MP:0010210]| increased lymphoma incidence [MP:0012431]| spinal cord degeneration [MP:0012712]| preputial gland inflammation [MP:0013905]

Affected Gene: Slc33a1

Catalog Number: 068120-MU

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:24828632](https://pubmed.ncbi.nlm.nih.gov/24828632/)

Alternate IDs: MMRRC_68120-MU, MMRRC_068120, MMRRC_6812

Organism Name: B6J.129S7(FVB)-*Slc33a1*^{tm1.1Lpu}/Mmmh

Record Creation Time: 20230308T055515+0000

Record Last Update: 20260801T125425+0000

Ratings and Alerts

No rating or validation information has been found for B6J.129S7(FVB)-*Slc33a1*^{tm1.1Lpu}/Mmmh.

No alerts have been found for B6J.129S7(FVB)-*Slc33a1*^{tm1.1Lpu}/Mmmh.

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.