Resource Summary Report

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B6.129S6-*S1pr2*^{tm1Rlp}/Mmnc

RRID:MMRRC_012830-UNC
Type: Organism

Proper Citation

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Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=12830

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Description: Mus musculus with name B6.129S6-*S1pr2*^{tm1Rlp}/Mmnc from MMRRC.

Species: Mus musculus

Notes: Research areas: Cardiovascular, Developmental Biology; Mutation Type: Targeted Mutation ; Collection:

Phenotype: organ of Corti degeneration [MP:0000043]| abnormal stria vascularis morphology [MP:0000048]| abnormal angiogenesis [MP:0000260]| skin edema [MP:0001786]| hemorrhage [MP:0001914]| reduced fertility [MP:0001921]| deafness [MP:0001967]| abnormal spleen germinal center morphology [MP:0002359]| cochlear ganglion degeneration [MP:0002857]| enlarged otoliths [MP:0003143]| decreased otolith number [MP:0003144]| abnormal miscarriage rate [MP:0004244]| cochlear hair cell degeneration [MP:0004362]| abnormal strial basal cell morphology [MP:0004365]| abnormal strial marginal cell morphology [MP:0004366]| abnormal strial intermediate cell morphology [MP:0004367]| abnormal stria vascularis vasculature morphology [MP:0004368]| abnormal vestibular labyrinth morphology [MP:0004427]| absent distortion product otoacoustic emissions [MP:0004737]| increased B cell number [MP:0005014]| increased T cell number [MP:0005015]| increased B cell proliferation [MP:0005154]| head tilt [MP:0005191]| abnormal vascular endothelial cell morphology [MP:0006055]| increased germinal center B cell number [MP:0008177]| decreased B cell apoptosis [MP:0008783]| embryonic lethality during organogenesis [MP:0011098]| complete penetrance [MP:0011101]| prenatal lethality [MP:0011109]| incomplete penetrance [MP:0011967]

Affected Gene: S1pr2

Catalog Number: 012830-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:15138255

Organism Name: B6.129S6-*S1pr2*^{tm1Rlp}/Mmnc

Ratings and Alerts

No rating or validation information has been found for B6.129S6-*S1pr2*^{tm1Rlp}/Mmnc.

No alerts have been found for B6.129S6-*S1pr2*^{tm1Rlp}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gu Q, et al. (2019) S1PR2 deficiency enhances neuropathic pain induced by partial sciatic nerve ligation. Turkish journal of medical sciences, 49(1), 412.

Serafimidis I, et al. (2017) Pancreas lineage allocation and specification are regulated by sphingosine-1-phosphate signalling. PLoS biology, 15(3), e2000949.