

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

B6J.Cg-Mirc55^{tm1.1Eno}/Mmnc

RRID:MMRRC_050697-UNC

Type: Organism

Proper Citation

RRID:MMRRC_050697-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=50697

Proper Citation: RRID:MMRRC_050697-UNC

Description: Mus musculus with name B6J.Cg-Mirc55^{tm1.1Eno}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: abnormal vascular development [MP:0000259]| altered response to myocardial infarction [MP:0000343]| abnormal lung development [MP:0001176]| thick dermal layer [MP:0001245]| edema [MP:0001785]| hemorrhage [MP:0001914]| reduced female fertility [MP:0001923]| abnormal retinal vasculature morphology [MP:0002792]| increased erythrocyte cell number [MP:0003131]| decreased angiogenesis [MP:0005602]| abnormal vascular endothelial cell morphology [MP:0006055]| increased sensitivity to induced morbidity/mortality [MP:0009763]| postnatal lethality [MP:0011086]| incomplete penetrance [MP:0011088]| neonatal lethality [MP:0020316]

Affected Gene: Mirc55

Catalog Number: 050697-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:29501382](#), [PMID:27203443](#), [PMID:18694565](#)

Alternate IDs: MMRRC_50697-UNC, MMRRC_050697, MMRRC_5697

Organism Name: B6J.Cg-*Mirc55*^{tm1.1Eno}/Mmnc

Record Creation Time: 20230308T055314+0000

Record Last Update: 20260815T125631+0000

Ratings and Alerts

No rating or validation information has been found for B6J.Cg-*Mirc55*^{tm1.1Eno}/Mmnc.

No alerts have been found for B6J.Cg-*Mirc55*^{tm1.1Eno}/Mmnc.

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.