

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

Xrcc5^{tm1Nus}/Xrcc5^{tm1Nus}

RRID:MGI:3639081

Type: Organism

Proper Citation

RRID:MGI:3639081

Organism Information

URL:

Proper Citation: RRID:MGI:3639081

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: spleen hypoplasia, increased cellular sensitivity to ionizing radiation, abnormal maternal nurturing, decreased litter size, postnatal lethality, incomplete penetrance, fetal growth retardation, decreased body size, proportional dwarf, thymus hypoplasia, abnormal double-strand DNA break repair, abnormal bone marrow cell morphology/development, abnormal class switch recombination, abnormal humoral immune response

Affected Gene: Xrcc5

Genomic Alteration: tm1Nus

Catalog Number: 3639081

Background: involves: 129S1/Sv * 129X1/SvJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:12810694](#), [PMID:9294146](#), [PMID:12531386](#)

Organism Name: Xrcc5^{tm1Nus}/Xrcc5^{tm1Nus}

Record Creation Time: 20240120T190553+0000

Record Last Update: 20240130T202001+0000

Ratings and Alerts

No rating or validation information has been found for Xrcc5^{tm1Nus}/Xrcc5^{tm1Nus}.

No alerts have been found for Xrcc5^{tm1Nus}/Xrcc5^{tm1Nus}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.