Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 24, 2025

129-*Xist*^{tm2Jae}/Mmnc

RRID:MMRRC_029172-UNC
Type: Organism

Proper Citation

RRID:MMRRC_029172-UNC

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=29172

Proper Citation: RRID:MMRRC_029172-UNC

Description: Mus musculus with name 129-*Xist*^{tm2Jae}/Mmnc from MMRRC.

Species: Mus musculus

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

Phenotype: no abnormal phenotype detected [MP:0002169]

Affected Gene: Xist

Catalog Number: 029172-UNC

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: PMID:10431231

Alternate IDs: MMRRC_29172-UNC, MMRRC_029172, MMRRC_29172

Organism Name: 129-*Xist*^{tm2Jae}/Mmnc

Record Creation Time: 20230308T055113+0000

Record Last Update: 20250419T223852+0000

Ratings and Alerts

No rating or validation information has been found for 129-*Xist*^{tm2Jae}/Mmnc.

No alerts have been found for 129-*Xist*^{tm2Jae}/Mmnc.

Data and Source Information

Source: Integrated Animals

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

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Yang T, et al. (2022) Xist exerts gene-specific silencing during XCI maintenance and impacts lineage-specific cell differentiation and proliferation during hematopoiesis. Nature communications, 13(1), 4464.

Xing F, et al. (2018) Loss of XIST in Breast Cancer Activates MSN-c-Met and Reprograms Microglia via Exosomal miRNA to Promote Brain Metastasis. Cancer research, 78(15), 4316.

Adrianse RL, et al. (2018) Perturbed maintenance of transcriptional repression on the inactive X-chromosome in the mouse brain after Xist deletion. Epigenetics & chromatin, 11(1), 50.

Wang F, et al. (2016) Regulation of X-linked gene expression during early mouse development by Rlim. eLife, 5.