

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

Sanger MirKO ES cell line Mir582

RRID:MMRRC_036383-UCD

Type: Organism

Proper Citation

RRID:MMRRC_036383-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/cellLineSDS.php?mmrrc_id=36383

Proper Citation: RRID:MMRRC_036383-UCD

Description: Mus musculus with name Sanger MirKO ES cell line Mir582 from MMRRC.

Species: Mus musculus

Notes: Research areas: ; Mutation Type: Targeted Mutation ; Collection: Sanger MirKO

Affected Gene: Mir582

Catalog Number: 036383-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:21822254](#)

Alternate IDs: MMRRC_36383-UCD, MMRRC_036383, MMRRC_36383

Organism Name: Sanger MirKO ES cell line Mir582

Record Creation Time: 20230308T055145+0000

Record Last Update: 20260815T124817+0000

Ratings and Alerts

No rating or validation information has been found for Sanger MirKO ES cell line Mir582.

No alerts have been found for Sanger MirKO ES cell line Mir582.

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 [NIF](#) .

Martini S, et al. (2025) Deficiency for MicroRNA-582 does not impact dilated cardiomyopathy or heart failure induced by pressure overload in vivo. *Frontiers in cell and developmental biology*, 13, 1661965.

Li X, et al. (2022) miR-582 negatively regulates pre-B cell proliferation and survival through targeting Hif1 α and Rictor. *Cell death & disease*, 13(2), 107.