

Resource Summary Report

Generated by PRECISE-TBI on Aug 19, 2026

Multi-Xeno

RRID:NSRRC_0025

Type: Organism

Proper Citation

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Organism Information

URL: <https://nsrrc.missouri.edu/StrainAvail/>

Proper Citation: RRID:NSRRC_0025

Description: Application: Xenotransplantation

Species: Sus scrofa

Notes: Application: Xenotransplantation

Phenotype: Lack of expression of GGTA1 and expression of CD55, CD39, CD59 and Thrombomodulin

Affected Gene: GGTA1, CD39, CD55, CD59

Genomic Alteration: GGTA1 knockout, with three randomly integrated transgenes: human decay-accelerating factor (CD55), CD39, CD59 and thrombomodulin

Catalog Number: 25

Background: outbred

Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Database Abbreviation: NSRRC

Organism Name: Multi-Xeno

Record Creation Time: 20230226T235431+0000

Record Last Update: 20260815T230143+0000

Ratings and Alerts

No rating or validation information has been found for Multi-Xeno.

No alerts have been found for Multi-Xeno.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: NSRRC, National Swine Resource and Research Center (NSRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Whitworth KM, et al. (2015) Transcriptome Analysis of Pig In Vivo, In Vitro-Fertilized, and Nuclear Transfer Blastocyst-Stage Embryos Treated with Histone Deacetylase Inhibitors Postfusion and Activation Reveals Changes in the Lysosomal Pathway. Cellular reprogramming, 17(4), 243.