

Resource Summary Report

Generated by SPARC SAWG on Aug 21, 2026

GGTA1 knockout; CD55

RRID:NSRRC_0009

Type: Organism

Proper Citation

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Organism Information

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

Proper Citation: RRID:NSRRC_0009

Description: Application: Xenotransplantation research- has the Cozzi integration of CD55

Species: Sus scrofa

Notes: Application: Xenotransplantation research- has the Cozzi integration of CD55

Affected Gene: CD55 and GGTA1

Genomic Alteration: GGTA1 knockout and CD55 transgene

Catalog Number: 9

Background: inbred

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

Database Abbreviation: NSRRC

Source References: [PMID:7518135](https://pubmed.ncbi.nlm.nih.gov/2518135/)

Organism Name: GGTA1 knockout; CD55

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260815T230143+0000

Ratings and Alerts

No rating or validation information has been found for GGTA1 knockout; CD55.

No alerts have been found for GGTA1 knockout; CD55.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Lee W, et al. (2016) Expression of NeuGc on Pig Corneas and Its Potential Significance in Pig Corneal Xenotransplantation. Cornea, 35(1), 105.

Stewart JM, et al. (2015) Clonidine inhibits anti-non-Gal IgM xenoantibody elicited in multiple pig-to-primate models. Xenotransplantation, 22(6), 413.