

Resource Summary Report

Generated by [NIF](#) on Aug 2, 2026

TrulineÂ® Large White

RRID:NSRRC_0004

Type: Organism

Proper Citation

RRID:NSRRC_0004

Organism Information

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

Proper Citation: RRID:NSRRC_0004

Description: Application: Background for genetic modification

Species: Sus scrofa

Notes: Application: Background for genetic modification

Genomic Alteration: wildtype

Catalog Number: 4

Background: outbred

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

Database Abbreviation: NSRRC

Organism Name: TrulineÂ® Large White

Record Creation Time: 20230226T235432+0000

Record Last Update: 20260801T233512+0000

Ratings and Alerts

No rating or validation information has been found for TrulineÂ® Large White.

No alerts have been found for TrulineÂ® Large White.

Data and Source Information

Source: [Integrated Animals](#)

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

Usage and Citation Metrics

We found 1122 mentions in open access literature.

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

Hu F, et al. (2025) The systemic wrinkled skin phenotype involves aberrant expression and variation of genes related to the oxidative stress and extracellular matrix in Xiang pigs. BMC genomics, 26(1), 1034.

Sutera AM, et al. (2023) Effect of a Co-Feed Liquid Whey-Integrated Diet on Crossbred Pigs' Fecal Microbiota. Animals : an open access journal from MDPI, 13(11).

Dowley A, et al. (2023) The effects of dietary supplementation with mushroom or selenium enriched mushroom powders on the growth performance and intestinal health of post-weaned pigs. Journal of animal science and biotechnology, 14(1), 12.

Bessen MA, et al. (2023) Characterising spinal cerebrospinal fluid flow in the pig with phase-contrast magnetic resonance imaging. Fluids and barriers of the CNS, 20(1), 5.

Orlov A, et al. (2023) Effective negative pressure wound therapy for open wounds: The importance of consistent pressure delivery. International wound journal, 20(2), 328.

Fanalli SL, et al. (2023) RNA-seq transcriptome profiling of pigs' liver in response to diet with different sources of fatty acids. Frontiers in genetics, 14, 1053021.

Marini P, et al. (2023) Effect of zinc on boar sperm liquid storage. Frontiers in veterinary science, 10, 1107929.

Schmidt A, et al. (2023) Effect of mucosal adjuvant IL-1 β on heterotypic immunity in a pig influenza model. Frontiers in immunology, 14, 1181716.

Blanco-Blázquez V, et al. (2023) Intracoronary Administration of Microencapsulated HGF in a Reperfused Myocardial Infarction Swine Model. Journal of cardiovascular development and disease, 10(2).

Li M, et al. (2023) CircRNA Profiling of Skeletal Muscle in Two Pig Breeds Reveals CircIGF1R Regulates Myoblast Differentiation via miR-16. International journal of molecular sciences, 24(4).

Gruber-Dorninger C, et al. (2023) Enzymatic Degradation of Zearalenone in the Gastrointestinal Tract of Pigs, Chickens, and Rainbow Trout. Toxins, 15(1).

Murray M, et al. (2023) Demonstrating a link between diet, gut microbiota and brain: 14C radioactivity identified in the brain following gut microbial fermentation of 14C-radiolabeled tyrosine in a pig model. Frontiers in nutrition, 10, 1127729.

Marchetti R, et al. (2023) Protein Content in the Diet Influences Growth and Diarrhea in Weaning Piglets. *Animals : an open access journal from MDPI*, 13(5).

Somfai T, et al. (2023) Vitrification of porcine immature oocytes and zygotes results in different levels of DNA damage which reflects developmental competence to the blastocyst stage. *PloS one*, 18(3), e0282959.

Zacharis C, et al. (2023) Utilization of *Tenebrio molitor* Larvae Reared with Different Substrates as Feed Ingredients in Growing Pigs. *Veterinary sciences*, 10(6).

Herrera-Urbe J, et al. (2023) Integrative profiling of gene expression and chromatin accessibility elucidates specific transcriptional networks in porcine neutrophils. *Frontiers in genetics*, 14, 1107462.

Xu X, et al. (2023) Molecular Mechanism of MYL4 Regulation of Skeletal Muscle Development in Pigs. *Genes*, 14(6).

Ribeiro DM, et al. (2023) Effect of *Laminaria digitata* dietary inclusion and CAZyme supplementation on blood cells, serum metabolites and hepatic lipids and minerals of weaned piglets. *Scientific reports*, 13(1), 6598.

Fu Q, et al. (2023) Effects of short-distance transportation on physiological indexes, intestinal morphology, microbial community, and the transcriptome of the jejunum in weaned piglets. *Frontiers in veterinary science*, 10, 1148941.

Blázquez E, et al. (2023) Feeding Spray-Dried Porcine Plasma to Pigs Reduces African Swine Fever Virus Load in Infected Pigs and Delays Virus Transmission-Study 1. *Vaccines*, 11(4).