Resource Summary Report

Generated by RRID on Sep 8, 2026

ST [Pig testis]

RRID:CVCL_2204
Type: Cell Line

Proper Citation

ATCC Cat# CRL-1746, RRID:CVCL_2204

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_2204

Proper Citation: ATCC Cat# CRL-1746, RRID:CVCL_2204

Description: Cell line ST [Pig testis] is a Spontaneously immortalized cell line with a species of origin Sus scrofa (Pig)

Sex: Male

Defining Citation: PMID:4224292, PMID:15140978, PMID:17005704, PMID:19508353, PMID:19941903, PMID:26744029, PMID:31667881

Comments: Virology: Useful for the propagation, assay and isolation of porcine parvovirus (PPV), transmissible gastroenteritis virus (TGEV) and swine enteroviruses (ATCC=CRL-1746).

Category: Spontaneously immortalized cell line

Organism: Sus scrofa (Pig)

Name: ST [Pig testis]

Synonyms: Swine Testis, STOMA24, Stoma 24, ST-IOWA, ATCC-ST

Cross References: BTO:BTO_0004921, CLO:CLO_0009141, CLDB:cl4403, AddexBio:P0028002/4941, ATCC:CRL-1746, BCRC:60481, CCLV:CCLV-RIE 0606, CCRID:1102SWI-NIFDC00090, CCRID:4201SWI-CCTCC00007, CCTCC:GDC0007, CLS:305214, DSMZ:ACC-641, DSMZCellDive:ACC-641, ECACC:92040221, IZSLER:BS CL 121, Wikidata:Q54955726

ID: CVCL_2204

Vendor: ATCC

Catalog Number: CRL-1746

Record Creation Time: 20220427T221556+0000

Record Last Update: 20260905T182432+0000

Ratings and Alerts

No rating or validation information has been found for ST [Pig testis].

No alerts have been found for ST [Pig testis].

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Zeng R, et al. (2026) An intrinsic loop-mediated structural stability modulating inhibitor potency in the SADS-CoV and SARS-CoV-2 main proteases. PLoS pathogens, 22(2), e1013981.

Tishchenko A, et al. (2025) Pseudorabies virus infection triggers pUL46-mediated phosphorylation of connexin-43 and closure of gap junctions to promote intercellular virus spread. PLoS pathogens, 21(1), e1012895.

Chen D, et al. (2025) Dnajc5b contributes to male fertility by maintaining the mitochondrial functions and autophagic homeostasis during spermiogenesis. Cellular and molecular life sciences : CMLS, 82(1), 69.

Job V, et al. (2025) Development of high-throughput screening viral titration assay: Proof of concept through two surrogate viruses of human pathogens. Biology methods & protocols, 10(1), bpaf049.

Li J, et al. (2024) Thyroxine regulates pig Sertoli cell line proliferation and maturation through the IKK/NF??B and p38 MAPK signaling pathways. Theriogenology, 227, 1.

Feng Y, et al. (2023) N-Acetyl-L-Cysteine Ameliorates BPAF-Induced Porcine Sertoli Cell Apoptosis and Cell Cycle Arrest via Inhibiting the ROS Level. Toxics, 11(11).

Jansens RJJ, et al. (2023) Alphaherpesvirus-mediated remodeling of the cellular transcriptome results in depletion of m6A-containing transcripts. iScience, 26(8), 107310.

Yang X, et al. (2023) Transcriptional Regulation Associated with Subcutaneous Adipogenesis in Porcine ACSL1 Gene. Biomolecules, 13(7).

Bai R, et al. (2023) SPAG6 c.900 T>C affects boar semen quality and blood-testis barrier function by creating a new splice acceptor site. Animal genetics.

Song H, et al. (2022) BCL2-associated athanogene 6 exon24 contributes to testosterone synthesis and male fertility in mammals. Cell proliferation, 55(7), e13281.

Feng Y, et al. (2022) Sertoli cell survival and barrier function are regulated by miR-181c/d-Pafah1b1 axis during mammalian spermatogenesis. Cellular and molecular life sciences : CMLS, 79(9), 498.

Jansens RJJ, et al. (2022) Alphaherpesvirus US3 protein-mediated inhibition of the m6A mRNA methyltransferase complex. Cell reports, 40(3), 111107.

Li Q, et al. (2020) The Impact of Mutations in SARS-CoV-2 Spike on Viral Infectivity and Antigenicity. Cell, 182(5), 1284.

Xu K, et al. (2020) CD163 and pAPN double-knockout pigs are resistant to PRRSV and TGEV and exhibit decreased susceptibility to PDCoV while maintaining normal production performance. eLife, 9.

Hu M, et al. (2020) HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. eLife, 9.