

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 13, 2025

## ST [Pig testis]

RRID:CVCL\_2204

Type: Cell Line

### Proper Citation

(RRID:CVCL\_2204)

### Cell Line Information

**URL:** [https://web.expasy.org/cellosaurus/CVCL\\_2204](https://web.expasy.org/cellosaurus/CVCL_2204)

**Proper Citation:** (RRID:CVCL\_2204)

**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

**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

**Record Creation Time:** 20250131T202653+0000

**Record Last Update:** 20250131T204625+0000

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## Ratings and Alerts

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

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

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## Data and Source Information

**Source:** [Cellosaurus](#)

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## Usage and Citation Metrics

We found 11 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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

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*.

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

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).

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

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

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.

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

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

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.