

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/) on Apr 21, 2025

## SPERM

RRID:SCR\_009409

Type: Tool

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### Proper Citation

SPERM (RRID:SCR\_009409)

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### Resource Information

**URL:** <https://www.genetics.ucla.edu/software/download?package=4>

**Proper Citation:** SPERM (RRID:SCR\_009409)

**Description:** Software application for analysis of sperm typing data. (entry from Genetic Analysis Software)

**Resource Type:** software resource, software application

**Keywords:** gene, genetic, genomic, fortran77

**Funding:**

**Resource Name:** SPERM

**Resource ID:** SCR\_009409

**Alternate IDs:** nlx\_154656

**Record Creation Time:** 20220129T080252+0000

**Record Last Update:** 20250421T053728+0000

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### Ratings and Alerts

No rating or validation information has been found for SPERM.

No alerts have been found for SPERM.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Kage A, et al. (2024) Swimming ability and flagellar motility of sperm packets of the volvocine green alga *Pleodorina starrii*. *PLoS one*, 19(7), e0287561.

Geng S, et al. (2023) A conserved RWP-RK transcription factor VSR1 controls gametic differentiation in volvocine algae. *Proceedings of the National Academy of Sciences of the United States of America*, 120(29), e2305099120.

Najafi A, et al. (2023) Enhancing post-thaw quality of ram epididymal sperm by supplementation of rutin in cryopreservation extender. *Scientific reports*, 13(1), 10873.

Kovalak EE, et al. (2022) Hormonal changes in consecutive clomiphene citrate stimulation cycles and their effect on pregnancy rates. *Turkish journal of obstetrics and gynecology*, 19(3), 221.

Kahrl AF, et al. (2022) Fertilization mode differentially impacts the evolution of vertebrate sperm components. *Nature communications*, 13(1), 6809.

El-Ratel IT, et al. (2021) Relief of the negative effects of heat stress on semen quality, reproductive efficiency and oxidative capacity of rabbit bucks using different natural antioxidants. *Animal bioscience*, 34(5), 844.

Lombó M, et al. (2019) Embryonic Exposure to Bisphenol A Impairs Primordial Germ Cell Migration without Jeopardizing Male Breeding Capacity. *Biomolecules*, 9(8).

Seifi-Jamadi A, et al. (2017) Antioxidant effect of quercetin in an extender containing DMA or glycerol on freezing capacity of goat semen. *Cryobiology*, 75, 15.

Ishii H, et al. (2017) Microtubule array observed in the posterior-vegetal cortex during cytoplasmic and cortical reorganization of the ascidian egg. *Development, growth & differentiation*, 59(8), 648.

Irizarry KJ, et al. (2016) Leveraging Comparative Genomics to Identify and Functionally Characterize Genes Associated with Sperm Phenotypes in *Python bivittatus* (Burmese Python). *Genetics research international*, 2016, 7505268.

Seifi-Jamadi A, et al. (2016) Effect of various concentrations of butylated hydroxyanisole and butylated hydroxytoluene on freezing capacity of Turkman stallion sperm. *Animal reproduction science*, 170, 108.

Choi H, et al. (2016) Rapid Detection of Glycogen Synthase Kinase-3 Activity in Mouse Sperm Using Fluorescent Gel Shift Electrophoresis. *Sensors (Basel, Switzerland)*, 16(4).

Ma X, et al. (2016) Sialylation Facilitates the Maturation of Mammalian Sperm and Affects Its Survival in Female Uterus. *Biology of reproduction*, 94(6), 123.

Vrech DE, et al. (2014) Testes mass, but not sperm length, increases with higher levels of polyandry in an ancient sex model. *PloS one*, 9(4), e94135.

Fard Jahromi SS, et al. (2013) Construction and Analysis of the Cell Surface's Protein Network for Human Sperm-Egg Interaction. *ISRN bioinformatics*, 2013, 962760.

Carroll DJ, et al. (1997) Calcium release at fertilization in starfish eggs is mediated by phospholipase Cgamma. *The Journal of cell biology*, 138(6), 1303.