

# Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

## SPIP

RRID:SCR\_009410

Type: Tool

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### Proper Citation

SPIP (RRID:SCR\_009410)

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### Resource Information

**URL:** <https://swfsc.noaa.gov/textblock.aspx?Division=FED&id=3434>

**Proper Citation:** SPIP (RRID:SCR\_009410)

**Description:** Software application that simulate pedigrees and genetic data in age-structured populations (entry from Genetic Analysis Software)

**Synonyms:** Simulate Pedigree In Population

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

**Keywords:** gene, genetic, genomic, c

**Resource Name:** SPIP

**Resource ID:** SCR\_009410

**Alternate IDs:** nlx\_154657

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

**Record Last Update:** 20260801T191050+0000

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### Ratings and Alerts

No rating or validation information has been found for SPIP.

No alerts have been found for SPIP.

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### Data and Source Information

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

## Usage and Citation Metrics

We found 423 mentions in open access literature.

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

Zhang YH, et al. (2025) Intestinal permeability of N-acetylcysteine is driven by gut microbiota-dependent cysteine palmitoylation. *Nature communications*, 16(1), 4623.

Dodo C, et al. (2025) Impact of High Insertion Torque on Implant Surface Integrity. *Clinical implant dentistry and related research*, 27(2), e70030.

Santoro AM, et al. (2025) Tetra-anionic porphyrin mimics protein-protein interactions between regulatory particles and the catalytic core, allosterically activating human 20S proteasome. *Journal of enzyme inhibition and medicinal chemistry*, 40(1), 2482892.

Thomas QD, et al. (2025) Artificial intelligence-driven microsatellite instability profiling reveals distinctive genetic features in patients with lung cancer. *Cancer*, 131(9), e35882.

Akimova D, et al. (2025) De Novo HNRNPU Pathogenic Variant Related to Developmental Epileptic Encephalopathy With Inherited KANSL1 Loss-of-Function Variant Resolved by RNA Analysis. *Molecular genetics & genomic medicine*, 13(9), e70127.

Gireesh A, et al. (2025) Nucleosome interaction of the CPC secures centromeric chromatin integrity and chromosome segregation fidelity. *The EMBO journal*, 44(22), 6556.

Klaassen DJ, et al. (2025) Realization of a one-dimensional topological insulator in ultrathin germanene nanoribbons. *Nature communications*, 16(1), 2059.

Brannetti S, et al. (2025) Covalent Dynamic DNA Networks to Translate Multiple Inputs into Programmable Outputs. *Journal of the American Chemical Society*, 147(7), 5755.

Constantinescu A, et al. (2025) Complex interplay of surface properties in modulating antibacterial activity of Ti50Zr alloys. *RSC advances*, 15(20), 15738.

Rosqvist E, et al. (2025) Proliferation of Human Cervical Cancer Cells Responds to Surface Properties of Bicomponent Polymer Coatings. *Nanomaterials (Basel, Switzerland)*, 15(10).

Weigold S, et al. (2025) Ring Contraction of Cyclooctatetraenes toward Non-Benzenoid Polycyclic Aromatic Hydrocarbons by Au(111)-Catalysis and Bulk Pyrolysis. *Chemistry (Weinheim an der Bergstrasse, Germany)*, 31(40), e202501101.

Song Y, et al. (2025) Creating free standing covalent organic framework membranes by nanocrystal suturing in sol gel solutions. *Nature communications*, 16(1), 5712.

Fernández-Suárez E, et al. (2025) New genetic diagnoses for inherited retinal dystrophies by integrating splicing tools into NGS pipelines. *NPJ genomic medicine*, 10(1), 52.

Chen LT, et al. (2025) Nanopore-based consensus sequencing enables accurate multimodal tumor cell-free DNA profiling. *Genome research*, 35(4), 886.

Trenzinger C, et al. (2025) Microdevice for confinement of T-cells on functionalized bio-interfaces. *Lab on a chip*, 25(11), 2654.

Zawadzki S, et al. (2025) Structural and conformational rearrangements of human serum albumin, transferrin, and blood plasma induced by carbosilane dendrimer therapeutic delivery system. *Scientific reports*, 15(1), 39650.

Kalli A, et al. (2025) Superficial Parasternal Intercostal Plane Block and Full Sternotomy; A Randomized Trial. *European journal of cardio-thoracic surgery : official journal of the European Association for Cardio-thoracic Surgery*, 67(7).

Biglarbeigi P, et al. (2025) Incongruous Harmonics of Vibrating Solid-Solid Interface. *Small* (Weinheim an der Bergstrasse, Germany), 21(10), e2409410.

Koponen L, et al. (2025) A deep intronic PHEX variant associated with X-linked hypophosphatemia in a Finnish family. *JBMR plus*, 9(2), ziae169.

Buyan A, et al. (2025) Statistical framework for calling allelic imbalance in high-throughput sequencing data. *Nature communications*, 16(1), 1739.