

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

GASP

RRID:SCR_008703

Type: Tool

Proper Citation

GASP (RRID:SCR_008703)

Resource Information

URL: <http://www.nhgri.nih.gov/DIR/IDRB/GASP/>

Proper Citation: GASP (RRID:SCR_008703)

Description: Software tool for testing and investigating methods in statistical genetics by generating samples of family data based on user specified models. (entry from Genetic Analysis Software), THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Abbreviations: GASP

Synonyms: Genometric Analysis Simulation Program

Resource Type: software application, software resource

Keywords: gene, genetic, genomic, fortran77, unix, dec-unix 4.0b, solaris 2.5, sgi-irix 6.2

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: GASP

Resource ID: SCR_008703

Alternate IDs: nlx_154313

Record Creation Time: 20220129T080248+0000

Record Last Update: 20260810T040501+0000

Ratings and Alerts

No rating or validation information has been found for GASP.

No alerts have been found for GASP.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 122 mentions in open access literature.

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

Holford TW, et al. (2025) PTEN in somatostatin neurons regulates fear and anxiety and is required for inhibitory synaptic connectivity within central amygdala. *Frontiers in cellular neuroscience*, 19, 1597131.

Su WH, et al. (2025) Spermidine toxicity in *Saccharomyces cerevisiae* due to mitochondrial complex III deficiency. *Biogerontology*, 26(2), 91.

Borges VM, et al. (2025) Genomic Exploration of Essential Hypertension in African-Brazilian Quilombo Populations: A Comprehensive Approach With Pedigree Analysis and Family-Based Association Studies. *Journal of the American Heart Association*, 14(7), e036193.

Sosa M, et al. (2025) A flexible hippocampal population code for experience relative to reward. *Nature neuroscience*, 28(7), 1497.

Matthes MS, et al. (2025) Distinct domains of ENHANCER OF PINOID hold information for its polarization required for auxin-mediated cotyledon and flower development in *Arabidopsis*. *PLoS genetics*, 21(6), e1011217.

Guetter S, et al. (2025) MCSP+ metastasis founder cells activate immunosuppression early in human melanoma metastatic colonization. *Nature cancer*, 6(6), 1017.

Scavone F, et al. (2025) Trafficking of K63-polyubiquitin-modified membrane proteins in a macroautophagy-independent pathway is linked to ATG9A. *Molecular biology of the cell*, 36(4), ar42.

Acuña A, et al. (2025) Increased default mode network activation in depression and social anxiety during upward social comparison. *Social cognitive and affective neuroscience*, 20(1).

Bluteau G, et al. (2025) Biodynamics and Environmental Concentrations of the Platinum Group Elements in Freshwater Systems. *Environmental science & technology*, 59(12), 6203.

Sosa M, et al. (2024) Hippocampal sequences span experience relative to rewards. *bioRxiv : the preprint server for biology*.

Gosain H, et al. (2024) TC10 differently controls the dynamics of Exo70 in growth cones of cortical and hippocampal neurons. *Biophysical reports*, 4(4), 100186.

Cataldo-Ramirez CC, et al. (2024) Improving GWAS performance in underrepresented groups by appropriate modeling of genetics, environment, and sociocultural factors. *bioRxiv* : the preprint server for biology.

Pontes L, et al. (2024) Uncovering a Novel *cyp51A* Mutation and Antifungal Resistance in *Aspergillus fumigatus* through Culture Collection Screening. *Journal of fungi* (Basel, Switzerland), 10(2).

Vijayan A, et al. (2024) A deep learning-based toolkit for 3D nuclei segmentation and quantitative analysis in cellular and tissue context. *Development* (Cambridge, England), 151(14).

Hull AJ, et al. (2024) Ceramide lowering rescues respiratory defects in a *Drosophila* model of acid sphingomyelinase deficiency. *Human molecular genetics*, 33(24), 2111.

Ahmad I, et al. (2024) TFIIS is required for reproductive development and thermal adaptation in barley. *Plant cell reports*, 43(11), 260.

Goto N, et al. (2024) ISWI chromatin remodeling complexes recruit NSD2 and H3K36me2 in pericentromeric heterochromatin. *The Journal of cell biology*, 223(8).

Costa LBAD, et al. (2024) Speech perception in patients submitted to cochlear reimplantation. *CoDAS*, 36(4), e20230220.

Ye M, et al. (2024) Emergence of *Neisseria gonorrhoeae* Clone with Reduced Susceptibility to Sitafloracin in China: An In Vitro and Genomic Study. *Antibiotics* (Basel, Switzerland), 13(5).

Miccoli M, et al. (2024) Randomized trial on the effects of an EMDR intervention on traumatic and obsessive symptoms during the COVID-19 quarantine: a psychometric study. *Frontiers in psychiatry*, 15, 1369216.