

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 13, 2026

APIS

RRID:SCR_025445

Type: Tool

Proper Citation

APIS (RRID:SCR_025445)

Resource Information

URL: <https://CRAN.R-project.org/package=APIS>

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Description: Software R package to assign offspring to their parents without any prior information other than offspring and parental genotypes, and user-defined, acceptable error rate among assigned offspring. Auto-adaptive parentage inference software that tolerates missing parents.

Synonyms: Adaptive Parentage Inference Software

Resource Type: software library, software toolkit, software resource

Defining Citation: [PMID:31609085](#)

Keywords: assign offspring to their parents, auto-adaptive parentage inference, tolerate missing parents, offspring and parental genotypes,

Funding: French Government ;
European Union

Availability: Free, Available for download, Freely available

Resource Name: APIS

Resource ID: SCR_025445

License: GNU GPL v3

Record Creation Time: 20240706T053246+0000

Record Last Update: 20260813T055330+0000

Ratings and Alerts

No rating or validation information has been found for APIS.

No alerts have been found for APIS.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Mukiibi R, et al. (2025) Integrated functional genomic analysis identifies regulatory variants underlying a major QTL for disease resistance in European sea bass. BMC biology, 23(1), 75.

Roche J, et al. (2024) APIS: an updated parentage assignment software managing triploids induced from diploid parents. G3 (Bethesda, Md.), 14(8).

Xu Y, et al. (2024) Kinship analysis and pedigree reconstruction by RAD sequencing in cattle. GigaByte (Hong Kong, China), 2024, 1.

Arrigoni A, et al. (2014) Inhibitors of the Cdc34 acidic loop: A computational investigation integrating molecular dynamics, virtual screening and docking approaches. FEBS open bio, 4, 473.

Dr??ger A, et al. (2014) Improving collaboration by standardization efforts in systems biology. Frontiers in bioengineering and biotechnology, 2, 61.