

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

## SPInDel

RRID:SCR\_004509

Type: Tool

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### Proper Citation

SPInDel (RRID:SCR\_004509)

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### Resource Information

**URL:** [http://www.portugene.com/SPInDel/SPInDel\\_webworkbench.html](http://www.portugene.com/SPInDel/SPInDel_webworkbench.html)

**Proper Citation:** SPInDel (RRID:SCR\_004509)

**Description:** A multifunctional workbench for species identification using insertion/deletion variants. The SPInDel workbench provides a step-by-step environment for the alignment of target sequences, selection of informative hypervariable regions, design of PCR primers and the statistical validation of the species-identification process. It includes a large dataset comprising nearly 1,800 numeric profiles for the identification of eukaryotic, prokaryotic and viral species.

**Abbreviations:** SPInDel

**Synonyms:** SPecies Identification by Insertions/Deletions, SPInDel - Species identification by insertions/deletions

**Resource Type:** data or information resource, software resource, data set

**Defining Citation:** [PMID:22978681](#), [PMID:20923781](#)

**Keywords:** virus, indel, dna barcoding, alignment, nucleotide sequence, visualization, conserved region, pcr primer, phylogenetic, variant

**Availability:** Acknowledgement requested, Free, Public

**Resource Name:** SPInDel

**Resource ID:** SCR\_004509

**Alternate IDs:** OMICS\_01496

**Record Creation Time:** 20220129T080225+0000

**Record Last Update:** 20260808T190303+0000

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## Ratings and Alerts

No rating or validation information has been found for SPInDel.

No alerts have been found for SPInDel.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Skuza L, et al. (2020) SPInDel Analysis of the Non-Coding Regions of cpDNA as a More Useful Tool for the Identification of Rye (Poaceae: Secale) Species. International journal of molecular sciences, 21(24).

Fragoso CA, et al. (2017) Genetic Architecture of a Rice Nested Association Mapping Population. G3 (Bethesda, Md.), 7(6), 1913.