

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

RDP FrameBot

RRID:SCR_013083

Type: Tool

Proper Citation

RDP FrameBot (RRID:SCR_013083)

Resource Information

URL: <http://sourceforge.net/projects/rdpframebot/>

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Description: A frameshift correction and nearest neighbor classification tool for use with high-throughput amplicon sequencing. It uses a dynamic programming algorithm to align each query DNA sequence against a set of target protein sequences, produces frameshift-corrected protein and DNA sequences and an optimal global or local protein alignment. It also helps filter out non-target reads. The online version of FrameBot is available on <http://fungene.cme.msu.edu/FunGenePipeline>.

Abbreviations: FrameBot

Synonyms: RDP_FrameBot

Resource Type: service resource, data analysis service, software resource, production service resource, analysis service resource

Defining Citation: [PMID:24045641](#)

Resource Name: RDP FrameBot

Resource ID: SCR_013083

Alternate IDs: OMICS_01527

Record Creation Time: 20220129T080314+0000

Record Last Update: 20260729T044322+0000

Ratings and Alerts

No rating or validation information has been found for RDP FrameBot.

No alerts have been found for RDP FrameBot.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Koike K, et al. (2023) A quantitative sequencing method using synthetic internal standards including functional and phylogenetic marker genes. Environmental microbiology reports, 15(6), 497.

Strejcek M, et al. (2015) Hunting Down Frame Shifts: Ecological Analysis of Diverse Functional Gene Sequences. Frontiers in microbiology, 6, 1267.