

Resource Summary Report

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IDEPI - IDentify EPItopes

RRID:SCR_016171

Type: Tool

Proper Citation

IDEPI - IDentify EPItopes (RRID:SCR_016171)

Resource Information

URL: <https://github.com/veg/idepi>

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Description: IDEPI is a domain-specific and extensible software library for supervised learning of models that relate genotype to phenotype for HIV-1 and other organisms. IDEPI makes use of open source libraries for machine learning (scikit-learn, scikit-learn.org/), sequence alignment (HMMER, hmmer.janelia.org/), sequence manipulation (BioPython, biopython.org), and parallelization (joblib, pythonhosted.org/joblib), and provides a programming interface to allow the users to engineer sequence features and select machine learning algorithms appropriate for their application.

Resource Type: software resource, software toolkit, software library

Defining Citation: [PMID:25254639](https://pubmed.ncbi.nlm.nih.gov/25254639/)

Keywords: modeling, machine, learning, bio.tools

Availability: Free, Available for download

Resource Name: IDEPI - IDentify EPItopes

Resource ID: SCR_016171

Alternate IDs: biotools:idepi

Alternate URLs: <https://bio.tools/idepi>

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Ratings and Alerts

No rating or validation information has been found for IDEPI - IDentify EPItopes.

No alerts have been found for IDEPI - IDentify EPItopes.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.