

Resource Summary Report

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DMS_with_Alanine_scan

RRID:SCR_023949

Type: Tool

Proper Citation

DMS_with_Alanine_scan (RRID:SCR_023949)

Resource Information

URL: https://github.com/PapenfussLab/DMS_with_Alanine_scan

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Description: Code used for data processing, variant impact predictor modelling and result analysis. Used to improve prediction results to predict the impact of amino acid variants. Extended linear regression-based predictor to explore whether incorporating data from alanine scanning, widely-used low-throughput mutagenesis method, would improve prediction results.

Resource Type: source code, software resource

Defining Citation: [DOI:10.1101/2022.12.14.520494](https://doi.org/10.1101/2022.12.14.520494)

Keywords: Extended linear regression-based predictor, improve prediction results, amino acid variants impact prediction, alanine scanning data incorporation, mutagenesis method prediction results,

Availability: Free, Available for download, Freely available

Resource Name: DMS_with_Alanine_scan

Resource ID: SCR_023949

License: MIT license

Record Creation Time: 20230822T050211+0000

Record Last Update: 20260810T040820+0000

Ratings and Alerts

No rating or validation information has been found for DMS_with_Alanine_scan.

No alerts have been found for DMS_with_Alanine_scan.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Fu Y, et al. (2022) Integrating deep mutational scanning and low-throughput mutagenesis data to predict the impact of amino acid variants. GigaScience, 12.