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INNOVATIONS

PROTON - PROtein engineering by TempOral convolutional Networks

PROTON is a generative deep learning model for protein engineering using only sequence information. It can be efficiently trained on commodity hardware to generate variants of a target protein and rank them by model confidence.

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The University of Edinburgh has developed PROTON software.

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Information on the configuration parameters is provided in the readme file.

Licence considerations

Proton is available under an academic licence.

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Category

Software

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