

Generate protein sequences matching a predetermined geometry

1. Load a reference protein structure

Chose a protein structure to upload:

⬆️ Upload (0)

A

Alternatively, try one of the examples provided below:

1n5uA03

4beuA02

4unuA00

4z8jA00



2. (Optional) Specify target amino acids at specific positions (or enter '-' to leave the position open for design)

Reference sequence:

KFGERAFKAWAVARLSQRFPKAEFAEVSKLVTDLT KVHTECCHGDLLECADDRADLAKYICENQDSISSKLKECCEKPLLEKSHCIAEVEND

Target sequence:

B

► Target residue picker

3. Run ProteinSolver to generate new designs

Number of sequences:

100

C

✓ Run ProteinSolver!

GPU core utilization:

GPU memory utilization:

Update download link

⬇️ Download sequences

D

