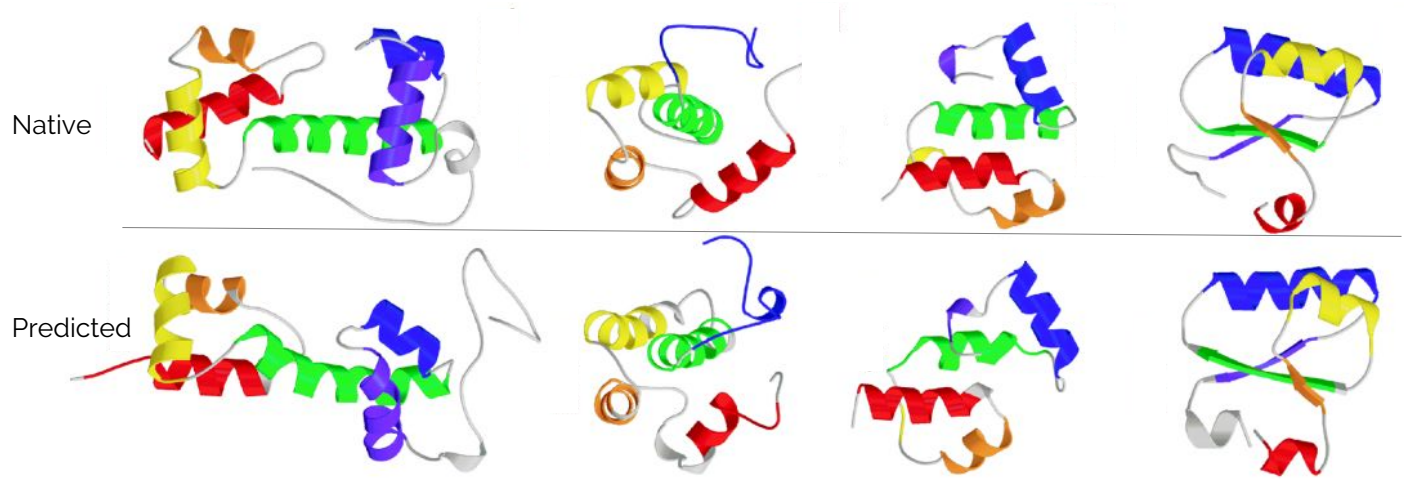


# Ab Initio Structure Prediction Without Sequence Homologs



## Fragment Assembly

- Hydrophobic burial
- Electrostatics
- Disulfide bonding
- Hard sphere packing
- $\alpha$ -helix and  $\beta$ -strand packing

## With Sparse Data

- NMR
- Diffraction
- CryoEM
- Sequence Covariance
- Cross-Linking
- HDX
- Mutational

Native

Predicted

