Nucleic Acid Crystallography
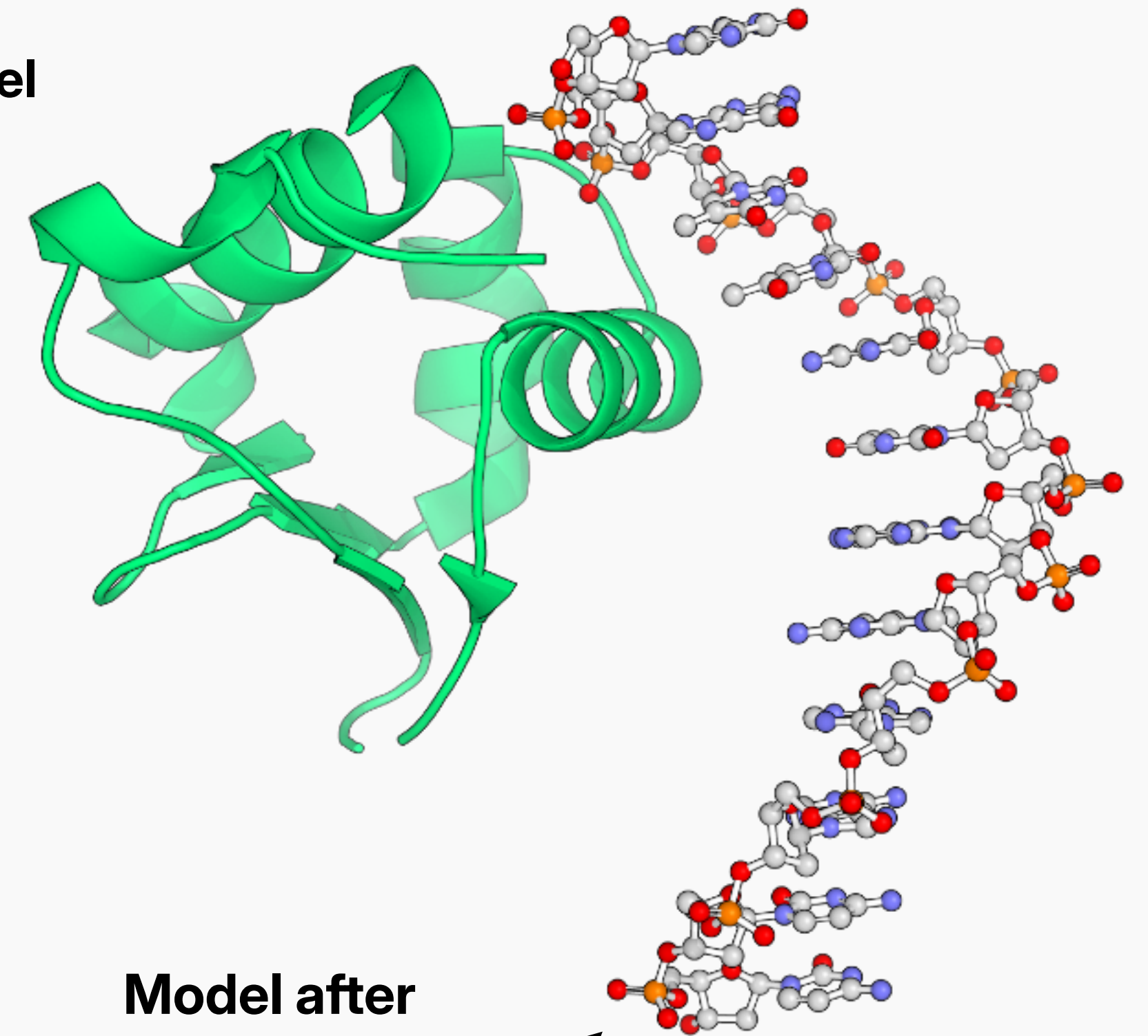## Molecular Replacement

May be easier to use a protein search model if available

Search model

Model after

Heat-shock transcription factor 1 with DNA
PDB Code: 5D5W

Nucleic Acid Crystallography

Structure Solution

How can we estimate the phase of our reflections?

Use prior knowledge

Use physical properties

Estimate the phase of each reflection by using information from heavy atoms