

First multi-template model

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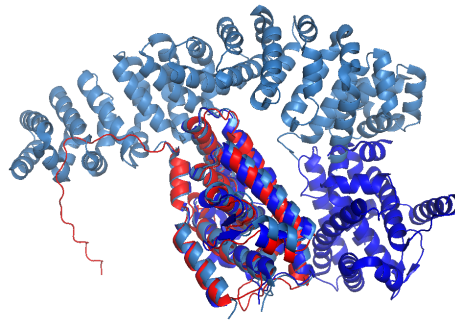


Fig. 1: Example of a multiple model, our unknown sequence threaded onto 3XT7 and 3PLZ. Colors: red = our model, blue = templates.

I have written a script that uses more than one model into a sequence/structure MSA and then threads our unknown sequence onto the alignment of all structures (somehow). An example using only two templates is shown in Fig. 1.

We still need to “present results in a convenient way”, whatever that means. I’ll write a small pymol script that outputs figures of a) the original structure with the predicted one and b) all templates with the predicted one.