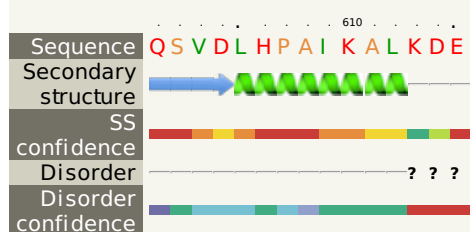
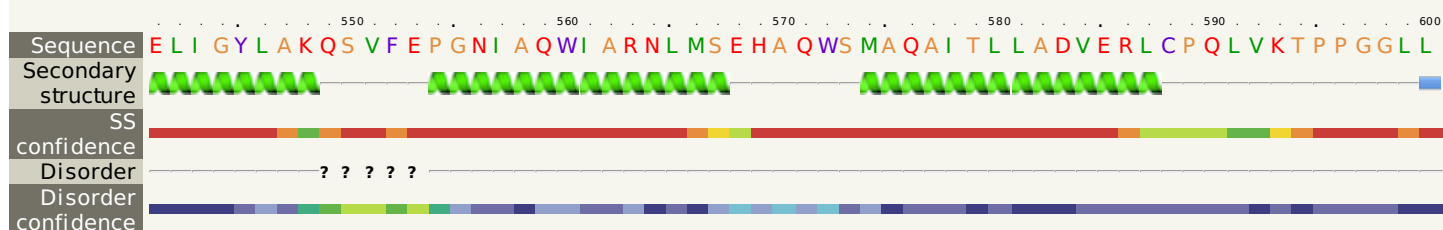
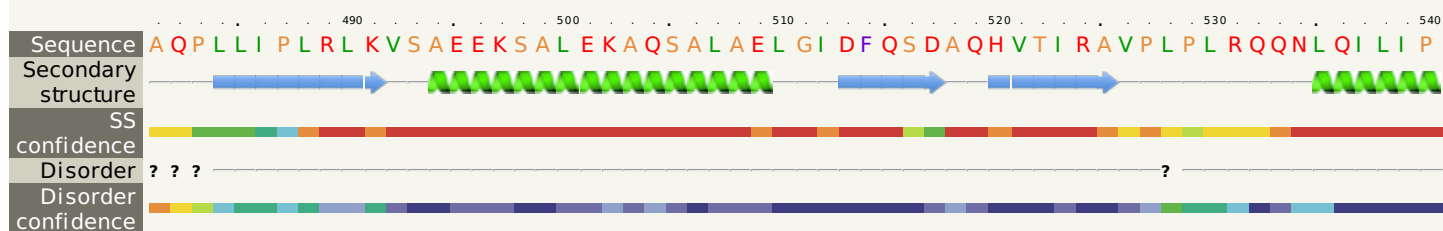
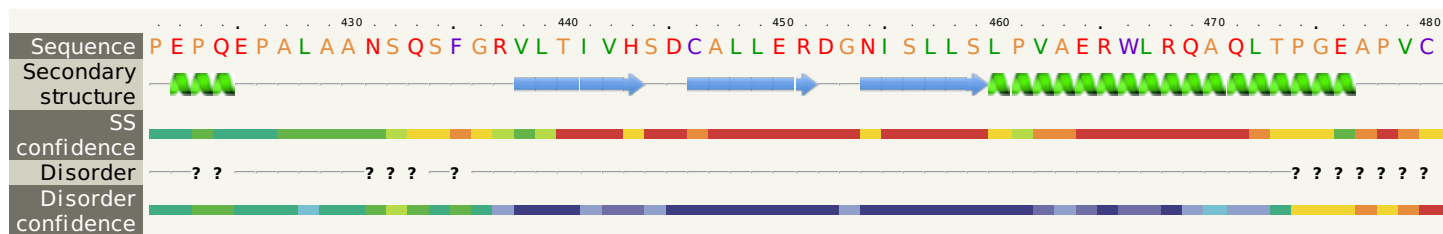


Email	l.a.kelley@imperial.ac.uk
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Protein structure and disorder analysis of the 420-residue protein. The figure displays the amino acid sequence, secondary structure (SS), SS confidence, disorder, and disorder confidence across the entire length of the protein. The sequence is color-coded by residue type. Secondary structure is shown as green cylinders (alpha-helices) and blue arrows (beta-strands). Disorder is indicated by a red line with question marks. Confidence is shown as a color bar below the disorder line.

Residue Range	Sequence	Secondary Structure (SS)	SS Confidence	Disorder	Disorder Confidence
1 - 60	MPIQVLPPQLANQIAAGEVVERPASVVKELVENS LDAGATRI DIERGGAKLI RIRDN	3 alpha-helices, 1 beta-strand	High	Disordered	High
61 - 120	CGIKKDELALALARHATSKI ASLDDLEAII SLGFRGEALASI SSVSRLTL TSRTAEQQEA	3 alpha-helices, 1 beta-strand	High	Disordered	High
121 - 180	WQAYAEGRDMNVTKPA AHPVGTTLEVL DLFYNTPARRKFL RTEKTEFNHI DEIIRRIAL	3 alpha-helices, 1 beta-strand	High	Disordered	High
181 - 240	ARFDVTI NLSHNGKI VRQYRAVPEGGQKER RLGAICGTAFLEQALAI EWQHGDLT LRGWV	3 alpha-helices, 1 beta-strand	High	Disordered	High
241 - 300	ADPNHTTPALAEI QYCYVNGRMMRDRLI NHAI RQACEDKL GADQQPAFVL YLEIDPHQVD	3 alpha-helices, 1 beta-strand	High	Disordered	High
301 - 360	VNVHPAKHEVRFHQSR LVHDFIYQGVLSVL QQQLETPLPL DDEPQPAPRSI PENRVAAGR	3 alpha-helices, 1 beta-strand	High	Disordered	High
361 - 420	NHFAEPAAREPVAPRYTPAPASGSRPAAPWPNAQPGYQKQQGEVYRQLLQTPAPMQKLKA	3 alpha-helices, 1 beta-strand	High	Disordered	High



Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand