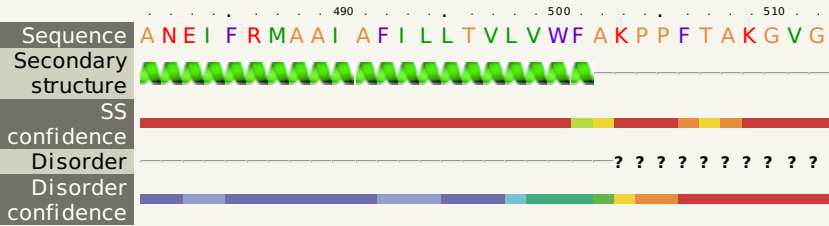
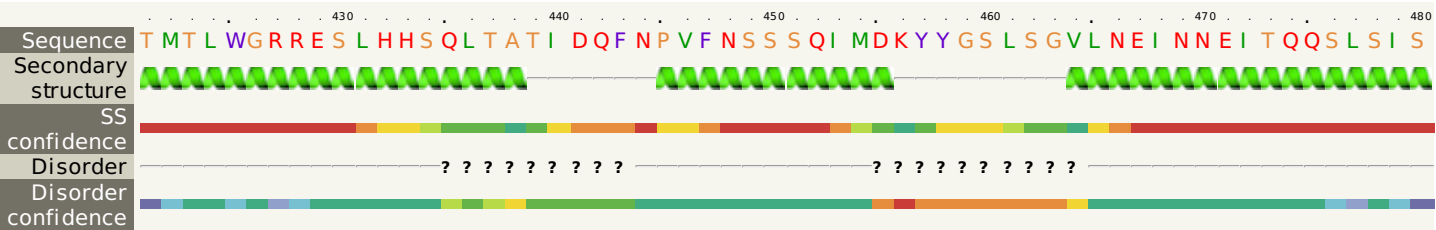


Email	l.a.kelley@imperial.ac.uk
Description	P52600
Date	Thu Jan 5 12:05:50 GMT 2012
Unique Job ID	f3d66b128fa44656

The figure displays a detailed analysis of the protein structure for the full-length protein (1-420). The analysis is presented in 10 segments, each showing the following information:

- Sequence:** The amino acid sequence for the segment, with residues numbered at the start and end.
- Secondary structure:** A representation of the secondary structure elements (alpha-helices and beta-strands) using green cylinders and arrows.
- SS confidence:** A bar chart showing the confidence in the secondary structure prediction, with colors indicating different confidence levels (red for high, yellow for medium, green for low).
- Disorder:** A bar chart showing the predicted disorder of the protein, with colors indicating different disorder levels (red for high, yellow for medium, green for low).
- Disorder confidence:** A bar chart showing the confidence in the disorder prediction, with colors indicating different confidence levels (red for high, yellow for medium, green for low).

The full-length protein sequence is: **MAITKSTPAPLTGGTLWCVTIALSLATFMQMLDSTISNVAIPTISGFLGASTDEGTWVIT** (1-60), **SFGVANAI AIPVTGRLAQRIGELRLFLLSVTFPSLSLMCSLSTNLDVLIFFRVVQGLMA** (70-120), **GPLIPLSQSLLRNYPPEKRTFALALWSMTVIAPICGPILGGYICDNFSWGWIFLINVP** (130-180), **MGIIVLTLC TLLKGRETETSPVKMNLPLTLLVLGVGGQLQIMLDKGRDLDFWNSSTII** (190-240), **LTVVSVISLISLVIWESTSENPILDLSLFKSRNFTIGIVSITCAYLIFYSGAIVLMPQLLQ** (250-300), **ETMGYNAIWAGLAYAPIGIMPLLI SPLIGRYGNKIDMRLLVTFPSFLMYAVCYWRSVTFM** (310-360), and **PTIDFTGII LPQFFQGF AVACFFLP LTTISFSGLP DNKFANASSMSNFFRTLSGSVGTSLS** (370-420).



Confidence Key

High(9) Low (0)

? Disordered

Alpha helix

Beta strand