

Email	l.a.kelley@imperial.ac.uk
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Figure 1 displays the structural analysis of the protein sequence, showing the sequence, secondary structure, and confidence scores across three segments.

Segment 1 (Residues 1-60):

- Sequence:** M T I W E I S E K A D Y I A Q R H R R L Q D Q W H I Y C N S L V Q G I T L S K A R L H H A M S C A P D K E L C F V L F E
- Secondary structure:** Alpha-helices (green) and beta-strands (blue).
- SS confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.
- Disorder:** No disorder predicted for this segment.
- Disorder confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.


Segment 2 (Residues 70-120):

- Sequence:** H F R I Y V T L A D G F N S H T I E Y Y V E T K D G E D K Q R I A Q A Q L S I D G M I D G K V N I R D R E Q V L E H Y L
- Secondary structure:** Alpha-helices (green) and beta-strands (blue).
- SS confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.
- Disorder:** No disorder predicted for this segment.
- Disorder confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.


Segment 3 (Residues 130-150):


- Sequence:** E K I A G V Y D S L Y T A I E N N V P V N L S Q L V K G Q S P A A
- Secondary structure:** Alpha-helices (green) and beta-strands (blue).
- SS confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.
- Disorder:** No disorder predicted for this segment.
- Disorder confidence:** High confidence (red) for most residues, with some medium (green) and low (blue) confidence regions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand