

Email	l.a.kelley@imperial.ac.uk
Description	P32056
Date	Thu Jan 5 11:49:03 GMT 2012
Unique Job ID	c161e7f841e0353e

Figure 1 displays the protein structure and disorder analysis for the 160-residue protein. The protein is composed of five alpha-helices and four beta-strands. The disorder analysis shows regions of high confidence (red) and low confidence (blue) for disorder prediction.

Panel 1 (Residues 1-60):

- Sequence:** M F L R Q E D F A T V V R S T P L V S L D F I V E N S R G E F L L G K R T N R P A Q G Y W F V P G G R V Q K D E T L E A
- Secondary structure:** Helices at residues 10-18, 20-28, 32-40, 48-52, and 58-60; Strands at residues 22-28, 38-42, 52-56, and 58-60.
- SS confidence:** High confidence (red) for helices and strands; low confidence (blue) for loops.
- Disorder:** High confidence (red) for loops; low confidence (blue) for helices and strands.
- Disorder confidence:** High confidence (red) for loops; low confidence (blue) for helices and strands.


Panel 2 (Residues 70-120):

- Sequence:** A F E R L T M A E L G L R L P I T A G Q F Y G V W Q H F Y D D N F S G T D F T T H Y V V L G F R F R V S E E L L L P D
- Secondary structure:** Helices at residues 70-78, 82-90, 98-106, and 114-122; Strands at residues 80-86, 96-102, 108-114, and 116-122.
- SS confidence:** High confidence (red) for helices and strands; low confidence (blue) for loops.
- Disorder:** High confidence (red) for loops; low confidence (blue) for helices and strands.
- Disorder confidence:** High confidence (red) for loops; low confidence (blue) for helices and strands.


Panel 3 (Residues 130-160):


- Sequence:** E Q H D D Y R W L T S D A L L A S D N V H A N S R A Y F L A E K R T G V P G L
- Secondary structure:** Helices at residues 130-134, 136-140, 142-150, and 152-158; Strands at residues 134-140, 144-150, 154-158, and 160-160.
- SS confidence:** High confidence (red) for helices and strands; low confidence (blue) for loops.
- Disorder:** High confidence (red) for loops; low confidence (blue) for helices and strands.
- Disorder confidence:** High confidence (red) for loops; low confidence (blue) for helices and strands.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand