

Email	l.a.kelley@imperial.ac.uk
Description	P75694
Date	Thu Jan 5 12:13:14 GMT 2012
Unique Job ID	a69f11d7f0cab46a

Figure 1 displays the protein structure and disorder analysis of the N-terminal region of the protein. The top panel shows the full sequence (1-60) with secondary structure (SS) and disorder confidence. The bottom panel shows a zoomed-in view of the region from residue 70 to 90.


**Top Panel (Full Sequence):**

- Sequence:** MKIISKMLVGALALAVTNVYAAELMTKAEFEKVESQYEKIGDISTSNEMSTADAKEDLIK
- Secondary structure:** The structure is shown as a green ribbon diagram. It features several alpha-helices and a large beta-strand region (blue arrow) between residues 35 and 45.
- SS confidence:** A red bar indicating the confidence of the secondary structure prediction.
- Disorder:** A red bar indicating regions of high confidence in the disorder prediction. Yellow/green bars indicate regions of low confidence.
- Disorder confidence:** A red bar indicating the confidence of the disorder prediction.


**Bottom Panel (Zoomed-in View):**


- Sequence:** KADEKGADVLTSGQTDNKIHGTANIYKKK
- Secondary structure:** The structure is shown as a green ribbon diagram. It features a large beta-strand region (blue arrow) between residues 75 and 85.
- SS confidence:** A red bar indicating the confidence of the secondary structure prediction.
- Disorder:** A red bar indicating regions of high confidence in the disorder prediction. Yellow/green bars indicate regions of low confidence.
- Disorder confidence:** A red bar indicating the confidence of the disorder prediction.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand