

Email	l.a.kelley@imperial.ac.uk
Description	C6Y4D0
Date	Sun Jul 8 11:45:10 BST 2012
Unique Job ID	715da638b24e05b9

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 80, highlighting the alpha-helical structure and disorder confidence.

Top Panel (Full Sequence 1-60):

- Sequence:** MEKTYGKTVLPLSRVVKRIIKQDEEDVHYCSNASALLISVATELFEV EKLATEAYQLAKLQKR
- Secondary structure:** The structure shows a series of alpha-helices (green cylinders) and loops (grey lines).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with red indicating high confidence and yellow/green indicating lower confidence.
- Disorder:** A bar chart showing the disorder confidence, with red indicating high confidence and yellow/green indicating lower confidence.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with red indicating high confidence and yellow/green indicating lower confidence.

Bottom Panel (Zoomed-in view 70-80):

- Sequence:** KGIRYRDVEDVVRKDDQFEFLSDFSI
- Secondary structure:** The structure shows a series of alpha-helices (green cylinders) and loops (grey lines).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with red indicating high confidence and yellow/green indicating lower confidence.
- Disorder:** A bar chart showing the disorder confidence, with red indicating high confidence and yellow/green indicating lower confidence.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with red indicating high confidence and yellow/green indicating lower confidence.

Confidence Key

? Disordered

 Alpha helix

➡ Beta strand