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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):

- Sequence:** M N K E T Q P I D R E T L L K E A N K I I R E H E D T L A G I E A T G V T Q R N G V L V F T G D Y F L D E Q G L P T A K
- Secondary structure (SS):** The structure is primarily alpha-helical, with a large blue arrow indicating a long-range interaction or a specific structural motif.
- Disorder confidence:** The confidence is high (red) for the first 20 residues, then drops to low (blue) for the remaining residues.

Bottom Panel (Zoomed-in View):

- Sequence:** S T A V F N M F K H L A H V L S E K Y H L V D
- Secondary structure (SS):** The structure is primarily alpha-helical.
- Disorder confidence:** The confidence is high (red) for the first 10 residues, then drops to low (blue) for the remaining residues.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand