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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 N-terminal region (1-10) with SS and disorder confidence.


Top Panel (Full Sequence):

- Sequence:** M G D D V H R F G N L F L I S P S S N S I L S N Y S P A D K K K F Y V E T E R A E S P K Q A I M M S Y K E W G P D G Q G
- Secondary structure:** The structure is shown as a ribbon diagram. A blue arrow indicates a beta-strand at residues 10-15. Green cylinders represent alpha-helices, starting from residue 20 and continuing to the C-terminus.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors corresponding to different structural elements (e.g., red for alpha-helices, blue for beta-strands).
- Disorder:** A bar chart showing the disorder confidence, with colors indicating different levels of disorder (e.g., red for high disorder, blue for low disorder).
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with colors indicating different levels of confidence (e.g., red for high confidence, blue for low confidence).


Bottom Panel (Zoomed-in View):


- Sequence:** I N N I E S H E H A M L T L L K E H R D M T L P T R K
- Secondary structure:** The structure is shown as a ribbon diagram, highlighting the alpha-helical region from residue 1 to 10.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction for the N-terminal region.
- Disorder:** A bar chart showing the disorder confidence for the N-terminal region.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction for the N-terminal region.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand