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Figure 1 displays protein structure and disorder analysis for the N-terminal region of the protein. The figure is organized into three main sections, each showing a different range of the protein sequence (residues 1 to 120).

**Top Section (Residues 1-120):**

- Sequence:** MK R Y L R W I V A A E F L F A A G N L H A V E V E V P G L L T D H T V S S I G H D F Y R A F S D K W E S D Y T G N L T
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and loops (blue arrows) across the entire sequence.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder:** A bar chart showing the disorder confidence, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with colors ranging from red (high confidence) to yellow (low confidence).


**Middle Section (Residues 1-120):**

- Sequence:** I N E R P S A R W G S W I T I T V N Q D V I F Q T F L F P L K R D F E K T V V F A L I Q T E E A L N R R Q I N Q A L L S
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and loops (blue arrows) across the entire sequence.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder:** A bar chart showing the disorder confidence, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with colors ranging from red (high confidence) to yellow (low confidence).


**Bottom Section (Residues 100-120):**


- Sequence:** T G D L A H D E F
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and loops (blue arrows) across the entire sequence.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder:** A bar chart showing the disorder confidence, with colors ranging from red (high confidence) to yellow (low confidence).
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with colors ranging from red (high confidence) to yellow (low confidence).

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand