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Figure 1 displays the protein structure and disorder analysis of the 200-residue protein. The figure is divided into three panels, each showing a segment of the protein sequence, its secondary structure (SS), SS confidence, disorder, and disorder confidence.

**Panel 1 (Residues 1-60):**

- Sequence:** M N R F V V A E P L W C T G C N T C L A A C S D V H K T Q G L Q Q H P R L A L A K T S T I T A P V V C H H C E E A P C L
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and beta-strands (blue arrows).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction.
- Disorder:** A bar chart showing the disorder of the protein segment.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction.

**Panel 2 (Residues 70-120):**

- Sequence:** Q V C P V N A I S Q R D D A I Q L N E S L C I G C K L C A V V C P F G A I S A S G S R P V N A H A Q Y V F Q A E G S L K
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and beta-strands (blue arrows).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction.
- Disorder:** A bar chart showing the disorder of the protein segment.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction.


**Panel 3 (Residues 130-180):**

- Sequence:** D G E E N A P T Q H A L L R W E P G V Q T V A V K C D L C D F L P E G P A C V R A C P N Q A L R L I T G D S L Q R Q M K
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and beta-strands (blue arrows).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction.
- Disorder:** A bar chart showing the disorder of the protein segment.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction.


**Panel 4 (Residues 190-200):**


- Sequence:** E K Q R L A A S W F A N G G E D P L S L T Q E Q R
- Secondary structure:** Shows a series of alpha-helices (green cylinders) and beta-strands (blue arrows).
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction.
- Disorder:** A bar chart showing the disorder of the protein segment.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand