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Figure 1 displays the secondary structure and disorder analysis of the protein sequence. The figure is divided into three panels corresponding to three different protein segments. Each panel displays the sequence, secondary structure (SS), confidence, disorder, and disorder confidence.

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

- Sequence:** MTEQKR PVLTLKRKTEGETLVR SRKTIINVTTPKWKVKKQKLAEKAAAREAE LAAKKAQA
- Secondary structure:** Shows a blue arrow indicating a beta-strand at residues 10-15 and green cylinders indicating alpha-helices at residues 50-55 and 58-60.
- SS confidence:** A bar chart showing confidence levels for the secondary structure predictions.
- Disorder:** A bar chart showing regions of high and low confidence for disorder.
- Disorder confidence:** A bar chart showing confidence levels for the disorder predictions.

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

- Sequence:** RQALSIY LNLPTLDDAVNTLKP WWPGLFDGDT PRLACGI RDVLL EDVAQRNIPLSHKKL
- Secondary structure:** Shows multiple green cylinders indicating alpha-helices across the segment.
- SS confidence:** A bar chart showing confidence levels for the secondary structure predictions.
- Disorder:** A bar chart showing regions of high and low confidence for disorder.
- Disorder confidence:** A bar chart showing confidence levels for the disorder predictions.


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

- Sequence:** RRALKAI TRSESYLCAMKAGACRYDTEGYVTEHISQEE EAYAAERLDKI RRQNRIKAELQ
- Secondary structure:** Shows green cylinders indicating alpha-helices and a blue arrow indicating a beta-strand at residues 140-145.
- SS confidence:** A bar chart showing confidence levels for the secondary structure predictions.
- Disorder:** A bar chart showing regions of high and low confidence for disorder.
- Disorder confidence:** A bar chart showing confidence levels for the disorder predictions.


**Panel 4 (Residues 1-4):**


- Sequence:** AVLDEK
- Secondary structure:** Shows green cylinders indicating alpha-helices.
- SS confidence:** A bar chart showing confidence levels for the secondary structure predictions.
- Disorder:** A bar chart showing regions of high and low confidence for disorder.
- Disorder confidence:** A bar chart showing confidence levels for the disorder predictions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand