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Figure 1 displays the protein structure and disorder analysis of the N-terminal region of the protein. The figure is divided into two panels, each showing a sequence, secondary structure (SS), and disorder confidence.

Top Panel (Residues 1-60):

- Sequence:** MFS RVLALLAVLLLSANTWAAIEINNHHQARNMDDVQSLGVIYI NHNFATESEARQALNEE
- Secondary structure (SS):** The structure is shown as a bar chart with blue indicating alpha-helix and red indicating beta-strand. The structure is primarily alpha-helical, with a large beta-strand region between residues 30 and 40.
- Disorder confidence:** The disorder confidence is shown as a bar chart with red indicating high confidence and green indicating low confidence. The confidence is generally high (red) across the entire region.

Bottom Panel (Residues 70-90):

- Sequence:** TDAQGATYYHVILMREPGSNGNMHASADIIYR
- Secondary structure (SS):** The structure is shown as a bar chart with blue indicating alpha-helix and red indicating beta-strand. The structure is primarily alpha-helical, with a large beta-strand region between residues 70 and 80.
- Disorder confidence:** The disorder confidence is shown as a bar chart with red indicating high confidence and green indicating low confidence. The confidence is generally high (red) across the entire region.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand