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Figure 1 displays the protein structure and disorder analysis for the N-terminal region of the protein. The figure is divided into two main sections, each showing a sequence alignment, secondary structure (SS), and disorder analysis for a specific range of residues.

**Top Section (Residues 1-60):**

- Sequence:** MKKMLLATALLITGCAQQTFTVQNKQTAVAPKETITTHHFFVSGIGQKKTVDAAKICGG
- Secondary structure:** The structure shows several alpha-helices (green) and beta-strands (blue). A large blue arrow indicates a region of high disorder confidence.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors representing different levels of confidence.
- Disorder:** A bar chart showing the disorder analysis, with colors representing different levels of disorder confidence.
- Disorder confidence:** A bar chart showing the confidence of the disorder analysis, with colors representing different levels of confidence.

**Bottom Section (Residues 70-90):**

- Sequence:** AENVVKTE TQQT FVNGLLGFITLGIYTPLEARVYCSK
- Secondary structure:** The structure shows several alpha-helices (green) and beta-strands (blue). A large blue arrow indicates a region of high disorder confidence.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with colors representing different levels of confidence.
- Disorder:** A bar chart showing the disorder analysis, with colors representing different levels of disorder confidence.
- Disorder confidence:** A bar chart showing the confidence of the disorder analysis, with colors representing different levels of confidence.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand