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Figure 1 displays the secondary structure and disorder analysis of the protein sequence. The figure is organized into four segments, each showing the sequence, secondary structure, and disorder analysis.

Segment 1 (Residues 1-60):

- Sequence:** MT K F S V V V A G G G S T F T P G I V L M L L A N Q D R F P L R A L K F Y D N D G A R Q E V I A E A C K V I L K E K A
- Secondary structure:** Shows several alpha-helices (green) and beta-strands (blue).
- Disorder analysis:** The disorder confidence is low (red) across most of the segment, with some higher confidence (green/yellow) regions.

Segment 2 (Residues 70-120):

- Sequence:** P D I A F S Y T T D P E V A F S D V D F V M A H I R V G K Y P M R E L D E K I P L R H G V V G Q E T C G P G G I A Y G M
- Secondary structure:** Shows several alpha-helices (green) and beta-strands (blue).
- Disorder analysis:** The disorder confidence is low (red) across most of the segment, with some higher confidence (green/yellow) regions.

Segment 3 (Residues 130-180):

- Sequence:** R S I G G V L E L V D Y M E K Y S P N A W M L N Y S N P A A I V A E A T R R L R P N A K I L N I C D M P I G I E S R M A
- Secondary structure:** Shows several alpha-helices (green) and beta-strands (blue).
- Disorder analysis:** The disorder confidence is low (red) across most of the segment, with some higher confidence (green/yellow) regions.

Segment 4 (Residues 190-210):

- Sequence:** Q I V G L Q D R K Q M R V R Y Y G L N H W W S A I S R S F R K G
- Secondary structure:** Shows several alpha-helices (green) and beta-strands (blue).
- Disorder analysis:** The disorder confidence is low (red) across most of the segment, with some higher confidence (green/yellow) regions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand