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Figure 1: Structural analysis of the protein sequence. The figure displays four panels of protein structure and disorder analysis for the full sequence (1-180) and three fragments (1-60, 70-120, 130-180). Each panel shows the sequence, secondary structure (SS), confidence, disorder, and disorder confidence.

Full Sequence (1-180):

- Sequence:** MDI I S V A L K R H S T K A F D A S K K L T P E Q A E Q I K T L L Q Y S P S S T N S Q P W H F I V A S T E E G K A R V
- Secondary structure:** Shows a complex structure with multiple alpha-helices and beta-strands.
- SS confidence:** High confidence across the entire sequence.
- Disorder:** Shows regions of disorder, particularly in the N-terminal and C-terminal regions.
- Disorder confidence:** High confidence in the disorder predictions.

Fragment 1 (1-60):

- Sequence:** M D I I S V A L K R H S T K A F D A S K K L T P E Q A E Q I K T L L Q Y S P S S T N S Q P W H F I V A S T E E G K A R V
- Secondary structure:** Shows a complex structure with multiple alpha-helices and beta-strands.
- SS confidence:** High confidence across the entire sequence.
- Disorder:** Shows regions of disorder, particularly in the N-terminal and C-terminal regions.
- Disorder confidence:** High confidence in the disorder predictions.

Fragment 2 (70-120):

- Sequence:** A K S A A G N Y V F N E R K M L D A S H V V V F C A K T A M D D V W L K L V V D Q E D A D G H F A T P E A K A A N D K G
- Secondary structure:** Shows a complex structure with multiple alpha-helices and beta-strands.
- SS confidence:** High confidence across the entire sequence.
- Disorder:** Shows regions of disorder, particularly in the N-terminal and C-terminal regions.
- Disorder confidence:** High confidence in the disorder predictions.


Fragment 3 (130-180):

- Sequence:** R K F F A D M H R K D L H D D A E W M A K Q V Y L N V G N F L L G V A A L G L D A V P I E G F D A A I L D A E F G L K E
- Secondary structure:** Shows a complex structure with multiple alpha-helices and beta-strands.
- SS confidence:** High confidence across the entire sequence.
- Disorder:** Shows regions of disorder, particularly in the N-terminal and C-terminal regions.
- Disorder confidence:** High confidence in the disorder predictions.


Fragment 4 (190-210):


- Sequence:** K G Y T S L V V V P V G H H S V E D F N A T L P K S R L P Q N I T L T E V
- Secondary structure:** Shows a complex structure with multiple alpha-helices and beta-strands.
- SS confidence:** High confidence across the entire sequence.
- Disorder:** Shows regions of disorder, particularly in the N-terminal and C-terminal regions.
- Disorder confidence:** High confidence in the disorder predictions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand