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Figure 1 displays the protein structure and disorder analysis of the E1K protein. The figure is organized into three main sections, each showing a segment of the protein sequence (1-60, 70-120, and 130-180) and a detailed view of the E1K motif.

Section 1: Sequence 1-60

- Sequence:** M K T L I V S T V L A F I T F S A Q A A A F Q V T S N E I K T G E Q L T T S H V F S G F G C E G G N T S P S L T W S G V
- Secondary structure:** Alpha-helices (green) and beta-strands (blue) are shown. The structure is mostly alpha-helical in the first 20 residues, followed by a beta-strand, and then a mix of alpha-helices and beta-strands.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, ranging from 0 (red) to 1 (green).
- Disorder:** A bar chart showing the disorder prediction, with red indicating high disorder and green indicating low disorder.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, ranging from 0 (red) to 1 (green).

Section 2: Sequence 70-120

- Sequence:** P E G T K S F A V T V Y D P D A P T G S G W W H V T V V N I P A T V T Y L P V D A G R R D G T K L P T G A V Q G R N D F
- Secondary structure:** Alpha-helices (green) and beta-strands (blue) are shown. The structure is mostly alpha-helical in the first 20 residues, followed by a beta-strand, and then a mix of alpha-helices and beta-strands.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, ranging from 0 (red) to 1 (green).
- Disorder:** A bar chart showing the disorder prediction, with red indicating high disorder and green indicating low disorder.
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
Section 3: Sequence 130-180

- Sequence:** G Y A G F G G A C P P K G D K P H Y Q F K V W A L K T E K I P V D S N S S G A L V G Y M L N A N K I A T A E I T P V Y
- Secondary structure:** Alpha-helices (green) and beta-strands (blue) are shown. The structure is mostly alpha-helical in the first 20 residues, followed by a beta-strand, and then a mix of alpha-helices and beta-strands.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, ranging from 0 (red) to 1 (green).
- Disorder:** A bar chart showing the disorder prediction, with red indicating high disorder and green indicating low disorder.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, ranging from 0 (red) to 1 (green).


Section 4: E1K Motif


- Sequence:** E I K
- Secondary structure:** Alpha-helices (green) and beta-strands (blue) are shown. The structure is mostly alpha-helical in the first 20 residues, followed by a beta-strand, and then a mix of alpha-helices and beta-strands.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, ranging from 0 (red) to 1 (green).
- Disorder:** A bar chart showing the disorder prediction, with red indicating high disorder and green indicating low disorder.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, ranging from 0 (red) to 1 (green).

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand