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Protein structure and disorder analysis of the human protein sequence. The figure displays the full sequence (1-400) with secondary structure elements (alpha-helices and beta-strands) and disorder predictions. The sequence is color-coded by amino acid type. The secondary structure is shown as a ribbon diagram. The disorder analysis includes a disorder score (0-1) and a disorder confidence (0-1). The disorder score is shown as a bar chart, and the disorder confidence is shown as a bar chart. The disorder score is calculated using the IUPred2.1 algorithm. The disorder confidence is calculated using the IUPred2.1 algorithm.

Sequence: M A S K Q L W R W H G I T G D G N A Q D G M L W A E S R T L L L M A L Q Q Q M V T P L S L K R I A I N S A Q W R G D K S

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: A E V I H Q L A T L L K A G L T L S E G L A L L A E Q H P S K Q W Q A L L Q S L A H D L E Q G I A F S N A L L P W S E V

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: F P P L Y Q A M I R T G E L T G K L D E C C F E L A R Q Q K A Q R Q L T D K V K S A L R Y P I I I L A M A I M V V V A M

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: L H F V L P E F A A I Y K T F N T P L P A L T Q G I M T L A D F S G E W S W L L V L F G F L L A I A N K L L M R R P T W

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: L I V R Q K L L L R I P I M G S L M R G Q K L T Q I F T I L A L T Q S A G I T F L Q G V E S V R E T M R C P Y W V Q L L

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: T Q I Q H D I S N G Q P I W L A L K N T G E F S P L C L Q L V R T G E A S G S L D L M L D N L A H H H R E N T M A L A D

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Sequence: N L A A L L E P A L L I I T G G I I G T L V V A M Y L P I F H L G D A M S G M G

Secondary structure: [Alpha-helices and Beta-strands]

SS confidence: [Bar chart]

Disorder: [Bar chart]

Disorder confidence: [Bar chart]

Confidence Key
High(9)  Low (0)
? Disordered
 Alpha helix
 Beta strand