

Email	l.a.kelley@imperial.ac.uk
Description	P33218
Date	Thu Jan 5 11:51:18 GMT 2012
Unique Job ID	6d085e027ad2de6c

The figure displays protein structure and disorder analysis for the full-length protein and three fragments. The analysis includes the amino acid sequence, secondary structure (SS), confidence, disorder, and disorder confidence for each segment.

**Full-length protein (1-180):**

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

Secondary structure: [Alpha-helices and loops represented by green bars]

SS confidence: [Confidence scores for secondary structure]

Disorder: [Disordered regions marked with question marks]

Disorder confidence: [Confidence scores for disorder]

**Fragment 1 (1-60):**

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

Secondary structure: [Alpha-helices and loops represented by green bars]

SS confidence: [Confidence scores for secondary structure]

Disorder: [Disordered regions marked with question marks]

Disorder confidence: [Confidence scores for disorder]

**Fragment 2 (70-120):**

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

Secondary structure: [Alpha-helices and loops represented by green bars]

SS confidence: [Confidence scores for secondary structure]

Disorder: [Disordered regions marked with question marks]

Disorder confidence: [Confidence scores for disorder]

**Fragment 3 (130-180):**

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


Secondary structure: [Alpha-helices and loops represented by green bars]

SS confidence: [Confidence scores for secondary structure]


Disorder: [Disordered regions marked with question marks]


Disorder confidence: [Confidence scores for disorder]

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand