

Email	l.a.kelley@imperial.ac.uk
Description	Q9JMS1
Date	Thu Jan 5 12:37:56 GMT 2012
Unique Job ID	4413ddc2a74c9034

Protein structure and sequence analysis of the first 160 residues of the protein. The image shows three segments of the protein structure and sequence. Each segment includes the amino acid sequence, secondary structure (alpha helices and beta strands), SS confidence, disorder, and disorder confidence. The first segment covers residues 1-60, the second covers 70-120, and the third covers 130-160. The protein is composed of several alpha helices and beta strands, with some regions of high disorder indicated by question marks.

Segment 1 (Residues 1-60):

- Sequence: M F E D P E I R I H K L Q P C T Q C P R L E D L W F S W Y F R Y I H D R C L R S S A C H Q D I H G A S L Y A P L A L K Q
- Secondary structure: Alpha helices (green) and beta strands (blue).
- SS confidence: High confidence (green) for most regions, with some lower confidence (yellow/orange) in the middle.
- Disorder: High disorder (red) in the first 10 residues, followed by low disorder (blue/green) for the rest.
- Disorder confidence: High confidence (red) for the first 10 residues, followed by low confidence (blue/green) for the rest.

Segment 2 (Residues 70-120):

- Sequence: T Y E V Y F G Y D C T L R K Y G R F R Q K L P V K T D F R K N G A R R R P V T G R S P R T G E E A Q W I C N H S E Q V R
- Secondary structure: Alpha helices (green) and beta strands (blue).
- SS confidence: High confidence (green) for most regions, with some lower confidence (yellow/orange) in the middle.
- Disorder: High disorder (red) in the first 10 residues, followed by low disorder (blue/green) for the rest.
- Disorder confidence: High confidence (red) for the first 10 residues, followed by low confidence (blue/green) for the rest.

Segment 3 (Residues 130-160):

- Sequence: P E A F I I G S V C C F S G M I Y P H I Q R P D P V N R S M N D Q
- Secondary structure: Alpha helices (green) and beta strands (blue).
- SS confidence: High confidence (green) for most regions, with some lower confidence (yellow/orange) in the middle.
- Disorder: High disorder (red) in the first 10 residues, followed by low disorder (blue/green) for the rest.
- Disorder confidence: High confidence (red) for the first 10 residues, followed by low confidence (blue/green) for the rest.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand