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| Description | P0A905 |
| Date | Thu Jan 5 11:09:05 GMT 2012 |
| Unique Job ID | 3821f79bf5dbc253 |


Figure 1 displays the secondary structure and disorder analysis of the protein sequence. The figure is divided into three panels, each showing a different segment of the protein. Each panel includes the amino acid sequence, a secondary structure prediction (SS) diagram, and a disorder confidence plot.

Panel 1 (Top): Shows the sequence from residue 1 to 60. The SS diagram indicates a large alpha-helix (green) from residue 1 to 25, followed by a beta-strand (blue) from residue 26 to 60. The disorder confidence plot shows high confidence (red) for the alpha-helix and low confidence (blue) for the beta-strand.


Panel 2 (Middle): Shows the sequence from residue 70 to 120. The SS diagram indicates a large alpha-helix (green) from residue 70 to 95, followed by a beta-strand (blue) from residue 96 to 120. The disorder confidence plot shows high confidence (red) for the alpha-helix and low confidence (blue) for the beta-strand.


Panel 3 (Bottom): Shows the sequence from residue 130 to 150. The SS diagram indicates a large alpha-helix (green) from residue 130 to 145, followed by a beta-strand (blue) from residue 146 to 150. The disorder confidence plot shows high confidence (red) for the alpha-helix and low confidence (blue) for the beta-strand.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand