

Email	l.a.kelley@imperial.ac.uk
Description	P76509
Date	Thu Jan 5 12:23:48 GMT 2012
Unique Job ID	8324eda0d41b0d24

Protein structure and disorder analysis for two protein segments.


**Segment 1 (Residues 1-60):**

- Sequence:** MSNKYVCQALVELRNKPAHELKEVG DQWRTPDNI F WGI NTL F GP FV L DLFTDGDNAKCAAY
- Secondary structure:** Alpha-helices (green) at residues 1-12, 18-21, 28-38, and 58-60. A blue arrow indicates a disordered region between residues 39 and 57.
- SS confidence:** High confidence (red) for the helical regions, low confidence (yellow/green) for the disordered region.
- Disorder:** High disorder (red) for the disordered region, low disorder (green) for the helical regions.
- Disorder confidence:** High confidence (dark blue) for the disordered region, low confidence (light blue) for the helical regions.


**Segment 2 (Residues 70-90):**


- Sequence:** YTAEDNALAH DWSERLAE LKGAA F GNP PYP W
- Secondary structure:** Alpha-helices (green) at residues 70-78 and 82-88. A blue arrow indicates a disordered region between residues 79 and 81.
- SS confidence:** High confidence (red) for the helical regions, low confidence (yellow/green) for the disordered region.
- Disorder:** High disorder (red) for the disordered region, low disorder (green) for the helical regions.
- Disorder confidence:** High confidence (dark blue) for the disordered region, low confidence (light blue) for the helical regions.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand