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Description	P45532
Date	Wed Jan 25 15:20:55 GMT 2012
Unique Job ID	615dfd9f7f21c728

Figure 1 displays the protein structure and disorder analysis of the C-terminal region of the protein. The figure is divided into three panels, each showing a sequence alignment, secondary structure prediction, and disorder analysis for a specific region.

Top Panel (Residues 1-60):

- Sequence:** MRFAIVVTGPAYGTQQASSAFQFAQALIADGHELSSVFFYREGVYANANQLTSPASDEFDL
- Secondary structure:** The structure shows a series of alpha-helices (green) and beta-strands (blue) connected by loops. The helices are located at residues 10-30, 35-45, 50-60, and 65-75.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with values ranging from 0.0 to 1.0.
- Disorder:** A bar chart showing the disorder prediction, with values ranging from 0.0 to 1.0.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with values ranging from 0.0 to 1.0.


Middle Panel (Residues 70-120):

- Sequence:** VRAWQQLNAQHGVALLNICVAAALRRGVVDETEAGRLGLASSNLQQGFTLGLGALAEASL
- Secondary structure:** The structure shows a series of alpha-helices (green) and beta-strands (blue) connected by loops. The helices are located at residues 70-80, 85-95, 100-110, and 115-125.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with values ranging from 0.0 to 1.0.
- Disorder:** A bar chart showing the disorder prediction, with values ranging from 0.0 to 1.0.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with values ranging from 0.0 to 1.0.


Bottom Panel (Residues 1-10):


- Sequence:** TCDRVVQF
- Secondary structure:** The structure shows a series of alpha-helices (green) and beta-strands (blue) connected by loops. The helices are located at residues 1-5 and 6-10.
- SS confidence:** A bar chart showing the confidence of the secondary structure prediction, with values ranging from 0.0 to 1.0.
- Disorder:** A bar chart showing the disorder prediction, with values ranging from 0.0 to 1.0.
- Disorder confidence:** A bar chart showing the confidence of the disorder prediction, with values ranging from 0.0 to 1.0.

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand