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Protein structure visualization of the full-length protein (1-420) and its domains. The figure shows the sequence, secondary structure, SS confidence, Disorder, and Disorder confidence for each segment.

**Full-length protein (1-420):**

- Sequence:** MQGT K I R L L A G G L L M M A T A G Y V Q A D A L Q P D P A W Q Q G T L S N G L Q W Q V L T T P Q R P S D R V E I R
- Secondary structure:** Coiled-coil domain (residues 1-60), Coiled-coil domain (residues 70-120), Coiled-coil domain (residues 130-180), Coiled-coil domain (residues 190-240), Coiled-coil domain (residues 250-300), Coiled-coil domain (residues 310-360), Coiled-coil domain (residues 370-420).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domains.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domains (residues 1-60, 70-120, 130-180, 190-240, 250-300, 310-360, 370-420).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domains.

**Domain 1 (1-60):**

- Sequence:** M Q G T K I R L L A G G L L M M A T A G Y V Q A D A L Q P D P A W Q Q G T L S N G L Q W Q V L T T P Q R P S D R V E I R
- Secondary structure:** Coiled-coil domain (residues 1-60).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 1-60).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

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

- Sequence:** L L V N T G S L A E S T Q Q S G Y S H A I P R I A L T Q S G G L D A A Q A R S L W Q Q G I D P K R P M P P V I V S Y D T
- Secondary structure:** Coiled-coil domain (residues 70-120).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 70-120).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

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

- Sequence:** T L F N L S L P N N R N D L L K E A L S Y L A N A T G K L T I T P E T I N H A L Q S Q D M V A T W P A D T K E G W W R Y
- Secondary structure:** Coiled-coil domain (residues 130-180).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 130-180).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

**Domain 4 (190-240):**

- Sequence:** R L K G S T L L G H D P A D P L K Q P V E A E K I K D F Y Q K W Y T P D A M T L L V V G N V D A R S V V D Q I N K T F G
- Secondary structure:** Coiled-coil domain (residues 190-240).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 190-240).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

**Domain 5 (250-300):**

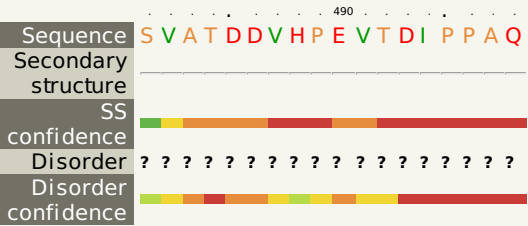
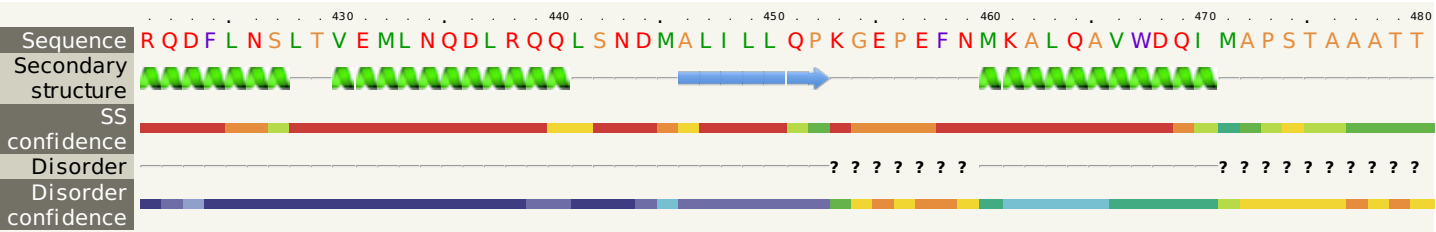
- Sequence:** E L K G K R E T P A P V P T L S P L R A E A V S I M T D A V R Q D R L S I M W D T P W Q P I R E S A A L L R Y W R A D L
- Secondary structure:** Coiled-coil domain (residues 250-300).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 250-300).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

**Domain 6 (310-360):**

- Sequence:** A R E A L F W H V Q Q A L S A S N S K D I G L G F D C R V L Y L R A Q C A I N I E S P N D K L N S N L N L V A R E L A K
- Secondary structure:** Coiled-coil domain (residues 310-360).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 310-360).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.

**Domain 7 (370-420):**

- Sequence:** V R D K G L P E E E F N A L V A Q K K L E L Q K L F A A Y A R A D T D I L M G Q R M R S L Q N Q V V D I A P E Q Y Q K L
- Secondary structure:** Coiled-coil domain (residues 370-420).
- SS confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.
- Disorder:** Disordered regions (blue) are present in the coiled-coil domain (residues 370-420).
- Disorder confidence:** High confidence (red) for most segments, with some lower confidence (yellow/green) in the coiled-coil domain.



Confidence Key

High(9) Low (0)

? Disordered

Alpha helix

Beta strand