

|               |                             |
|---------------|-----------------------------|
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| Description   | P19767                      |
| Date          | Thu Jan 5 11:37:29 GMT 2012 |
| Unique Job ID | 485ea114945554de            |

|                     | 1                                   | 10 | 20 | 30 | 40 | 50 | 60 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|---------------------|-------------------------------------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Sequence            | M                                   | A  | S  | I  | R  | C  | P  | S | C | S | A | T | E | G | V | V | R | N | G | K | S | T | A | G | H | Q | R | Y | L | C | S | P | C | R | K | T | W | Q | L | Q | F | T | Y | T | A | S | Q | P | G | K | H | Q | K | I | I | D | M | A |  |  |
| Secondary structure |                                     |    |    |    |    |    |    |   |   |   |   |   |   |   |   | → |   | → |   |   |   |   | → |   |   |   |   | α |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| SS confidence       | [Color scale bar from 0.00 to 1.00] |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Disorder            | ?                                   |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   | ? |   |   |   |   |   |   |   |   |   | ? |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Disorder confidence | [Color scale bar from 0.00 to 1.00] |    |    |    |    |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |

  

|                     | 70                                  | 80 | 90 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---------------------|-------------------------------------|----|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sequence            | M                                   | N  | G  | V | G | C | R | A | S | A | R | I | M | G | V | G | L | N | T | V | L | R | H | L | K | N | S | G | R | S | R |
| Secondary structure | α                                   |    | α  |   |   |   |   |   |   |   |   |   | α |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| SS confidence       | [Color scale bar from 0.00 to 1.00] |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Disorder            |                                     |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| Disorder confidence | [Color scale bar from 0.00 to 1.00] |    |    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |

Confidence Key

High(9)  Low (0)

? Disordered

 Alpha helix

 Beta strand