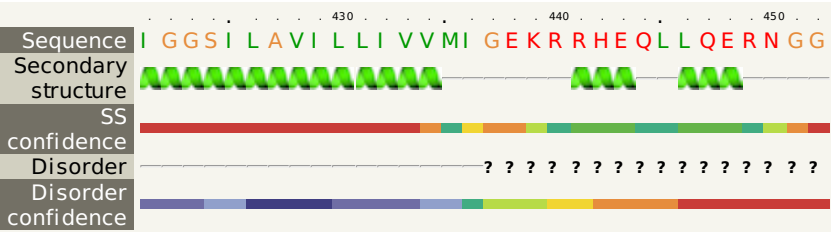


| | |
|---------------|-----------------------------|
| Email | l.a.kelley@imperial.ac.uk |
| Description | P08194 |
| Date | Thu Jan 5 11:00:52 GMT 2012 |
| Unique Job ID | 07f3afcdc368bb05 |

| | 1 | 10 | 20 | 30 | 40 | 50 | 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------|-----------------------------|-----------------------------|-----|-----|-----------------------------|-----|----|---|---|---|-----------------------------|---|-----------------------------|-----------------------------|---|---|-----------------------------|---|-----------------------------|-----------------------------|---|---|---|---|-----------------------------|---|---|---|-----------------------------|---|-----------------------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sequence | M | L | S | I | F | K | P | A | P | H | K | A | R | L | P | A | A | E | I | D | P | T | Y | R | R | L | R | W | Q | I | F | L | G | I | F | F | G | Y | A | A | Y | L | V | R | K | N | F | A | L | A | M | P | Y | L | V | E | Q | G | F | |
| Secondary structure | | | | | | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | | | | | | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | | | | | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | | | | | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 70 | 80 | 90 | 100 | 110 | 120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | S | R | G | D | L | G | F | A | L | S | G | I | S | I | A | Y | G | F | S | K | F | I | M | G | S | V | S | D | R | S | N | P | R | V | F | L | P | A | G | L | I | L | A | A | V | M | L | F | M | G | F | V | P | W | A | T | S | S | I | |
| Secondary structure | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | [Alpha Helix] | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | [Confidence Scale] | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | [Disorder Scale] | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 130 | 140 | 150 | 160 | 170 | 180 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | A | V | M | F | V | L | L | F | L | C | G | W | F | Q | G | M | G | W | P | P | C | G | R | T | M | V | H | W | W | S | Q | K | E | R | G | G | I | V | S | V | W | N | C | A | H | N | V | G | G | G | I | P | P | L | L | F | L | L | G | M |
| Secondary structure | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 190 | 200 | 210 | 220 | 230 | 240 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | A | W | F | N | D | W | H | A | A | L | Y | M | P | A | F | C | A | I | L | V | A | L | F | A | F | A | M | M | R | D | T | P | Q | S | C | G | L | P | P | I | E | E | Y | K | N | D | Y | P | D | D | Y | N | E | K | A | E | Q | E | L | T |
| Secondary structure | [Alpha Helix] | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | [Confidence Scale] | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 250 | 260 | 270 | 280 | 290 | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | A | K | Q | I | F | M | Q | Y | V | L | P | N | K | L | L | W | Y | I | A | I | A | N | V | F | V | Y | L | L | R | Y | G | I | L | D | W | S | P | T | Y | L | K | E | V | K | H | F | A | L | D | K | S | S | W | A | Y | F | L | Y | E | Y |
| Secondary structure | [Alpha Helix] | | | | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | [Confidence Scale] | | | | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | | | | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | | | | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 310 | 320 | 330 | 340 | 350 | 360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | A | G | I | P | G | T | L | L | C | G | W | M | S | D | K | V | F | R | G | N | R | G | A | T | G | V | F | F | M | T | L | V | T | I | A | T | I | V | Y | W | M | N | P | A | G | N | P | T | V | D | M | I | C | M | I | V | I | G | F | L |
| Secondary structure | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | | | | | | | [Alpha Helix] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS confidence | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | | | | | | | [Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | | | | | | | [Disorder Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Disorder confidence | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | [Disorder Confidence Scale] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 370 | 380 | 390 | 400 | 410 | 420 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sequence | I | Y | G | P | V | M | L | I | G | L | H | A | L | E | L | A | P | K | K | A | A | G | T | A | A | G | F | T | G | L | F | G | Y | L | G | G | S | V | A | A | S | A | I | V | G | Y | T | V | D | F | F | G | W | D | G | G | | | | |



Confidence Key

High(9) [red bar] [orange bar] [yellow bar] [green bar] [light green bar] [light blue bar] [dark blue bar] Low (0)

? Disordered

Alpha helix

Beta strand