

MEISKP^KKG^SNTDDQ^KNAIVS^TSG^RDILVAAAAGSGKTAVLVER^MIRKIT^{DQ}EN^PYD^VDRLLWFTN^SAAEMKHRI^GEALEKEL
MEISKP^KKG^SNTDDQ^KNAIVS^TSG^RDILVAAAAGSGKTAVLVER^MIRKIT^{DQ}EN^PYD^VDRLLWFTN^SAAEMKHRI^GEALEKEL
MNIP^KKPAD^STW^TDDQ^KNAIVS^TSG^RDILVAAAAGSGKTAVLVER^MIRKIT^{DQ}EN^PYD^VDRLLWFTN^SAAEMKHRI^GEALEKEL

DRHDLDLQHFLVKRWVEYFSRSHPNPEAGWLHTFVHLVDVSSKTKYEELPFYSYVKEDIALVLMNGMRQKLTALRLTKQPRGPAPRAE
 DRHDLDLQHFLVKRWVEYFSRSHPNPEAGWLHTFVHLVDVSSKTKYEELPFYSYVKEDIALVLMNGMRQKLTALRLTKQPRGPAPRAE
 DRHDLDLQFLVKRWVEYFSRSHPNPEAWLESFVHLVDVSEKSAIEELPFYQYVKEDIAMVLNGAKEKLRLALELTKAPGGPAPRAD

N F L D D L A Q I D R L I Q Q N D F S E A L Y K R V P A V S F R Q R L K P C K G D A Y D P R L V D E A T D L R N S A K K Q L E K L K T D Y F T R T P E Q H L K S L R E M K P
 N F L D D L A Q I D E L I Q H Q D F S E L Y K R V P A V S F K R A K A V K G D E F D P A L L D E A T D L R N G A K K L L E K L K T D Y F T R S P E Q H L K S L A E M K P
 * * * * *

593
595

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



678
680

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



763
765

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



848
850

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



933
935

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1018
1020

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1101
1105

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



1186
1190

logo

NTDB id 91365 L6450 RS01835 WP 020450870.1
NTDB id 119 BSU 10630 NP 388944.2
consensus



non conserved
 similar
 $\geq 50\%$ conserved