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logo
NTDB id 41224 VAA RS14810 WP 013867910.1     MSLRSSTVKKKQKIATVITKSMIAVIGALTLSVLFQSYQISSKIIAQEVQRTASQTSSLIQNLFNFRLSLLQINQDSSAK   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1  MNIRPSQIKHKQRIASFITHAVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                    ! *!*! *!*!!*!!* !!* ** !*! ! *!!!!!!!!!!!***!!! !!!  !!!!!!! !! !!!  ! !*!!!*!!

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     NAGLVKAIRKGDNDSIDQFFFGVDQLEVANTPDIRFISDSDSLMWEDGNAQFYGIEQNELVNMSRKVALSNNWHMIKSPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1  NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                    !! !* !*   !   *! !!  !! !!* ! !!*!!!! *! **!*!!!! !!!! !*!!  * !*!!*! !!!** *!!

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     QLGYAYLMVRRTPVIDSQSGEVIGFLHLATVLNNNYVLAETLREGSNSENLVMTTGEKVLASTINGDETYTERDVLEDNF  240
NTDB id 1164 A1552VC RS18025 WP 001026306.1  EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVVHSAK  240
consensus                                         ****!!***!*  *! !*!*!*** !!! !* ! ! *! !!!!!!!!*     *! !!* ! !*!*   !**

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     DAYSFADYMVSRTALTIEGVPIYINVLSVQSNENVLQLRENYFFWMIFALFAMVIVSILTRWWLQQRVKNEISSLMNYTH  320
NTDB id 1164 A1552VC RS18025 WP 001026306.1  DAM.RDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                    !! *   **!  ! ! *! !! !**! !*!*! !!! !!*!**!!! !!!  !* !!! *!!!!! !*  !! *!!!!!!

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     KAAEAGSYELFSGSKIYEFDHFGRTLEHTFQRLSEQEKQFEDLFNFSLSPIIVWSIDCDIIKMNPSAKKYFMRRNDQQQC  400
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSCRLIRMNPSAQIQFLREDAQNHF  399
consensus                                    !  *  *   ! !!!!!!!!*!!!!!!**! !!   !!!!!!!!!! !!! **!   ! *!*!!!!!   !*!   !***

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     ILDALKQELQPKIRLAVEQETFREINVEVGNKVFRWNLSPIIFEQRIESIITQGQDITTIAEAAKQSRLARQEAEESARI  480
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                    * * !   ! ! !  !     * **  !!  *!*!!!!!!!* !  ! !!!!!!!!!!!!!!! !!!  !! !!!!!!!*

logo
NTDB id 41224 VAA RS14810 WP 013867910.1     RAEFLAKMSHELRTPLNGILGVSQLLKREISDHEQLEQVNVLCSSGEHLLAVLNDILDFSKIEQGQFRIQESDFKLVEVI  560
NTDB id 1164 A1552VC RS18025 WP 001026306.1  RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                    !!!!!!!!!!!!!!!!!!!*!!!!!!!!! *  *!! !*! !!!!!!!!!!!!!!!!!!!!**!!! !!!!  *!*! !**
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logo

NTDB id 41224 VAA RS14810 WP 013867910.1      SAVESIYRPLCAEKEIEFSLKSNIPPDMMIHSDQVRLNQILFNLLNNATKFTHHGLISIEFQQKN...NHQLFISISDTG   637
NTDB id 1164 A1552VC RS18025 WP 001026306.1   CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG   639
consensus                                     *!** !!!!!! !! *!  * !!!**  ***!!!*!*!!!!!!!!!! !!!!*! ! *! !   *** *!! ! * !!!

logo

NTDB id 41224 VAA RS14810 WP 013867910.1      IGIREQDLALIFEPFTQVESNTTREYGGSGLGLAIVKSLIEMLGGAVNVKSQFGVGTTFSVELPLVVVSDCGKDIPSYER   717
NTDB id 1164 A1552VC RS18025 WP 001026306.1   IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAPQQLLPA   719
consensus                                     !!!!!!!! *!!!!! ! !! !!!!!!!!!!!! !!*!!*!!! ! **! ! *!*!! ! * !!* *!     * *  *

logo

NTDB id 41224 VAA RS14810 WP 013867910.1      APPHEMFEKPIKVLLVEDNHTNAFIAQAFCKKYGMEVTRVEDGLQAIDYVKDHPVDLILMDNQLPYLGGVETTHLIKHEL   797
NTDB id 1164 A1552VC RS18025 WP 001026306.1   PDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKVL   799
consensus                                     **!***!*!***!!!!!!!!!!!!!!!!!!!*!!!**!* ! !!!!!!* *! !* !!*!!!!!!!!! !!!!!* !!* !

logo

NTDB id 41224 VAA RS14810 WP 013867910.1      MMDVPIYACTADGMQSTNEAFMAAGAEYVLVKPIKEKALHEAFCHFQKRQK.......   848
NTDB id 1164 A1552VC RS18025 WP 001026306.1   HLPVVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN   857
consensus                                     ***!**!!!!!!!*  !  !! *!!!!!!*!!!*!!  !! ! *!! *** *******
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X non conserved

X similar

X $\geq$ 50% conserved