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logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  MSLRSSTVKKKQKIATVITKSMIAVIGALTLSVLFQSYQISSKIIAQEVQRTASQTSSLIQNLFNFRLSLLQINQDSSAK   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1      MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                        ! *!*! *!*!!*!!* !!* ** !*! ! *!!!!!!!!!!!***!!! !!!  !!!!!!! !! !!!  ! !*!!!*!!

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  NAGLVKAIRKGDNDSIDQFFFGVDQLEVANTPDIRFISDSDSLMWEDGNAQFYGIEQNELVNMSRKVALSNNWHMIKSPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1      NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                        !! !* !*   !   *! !!  !! !!* ! !!*!!!! *! **!*!!!! !!!! !*!!  * !*!!*! !!!** *!!

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  QLGYAYLMVRRTPVIDSQSGEVIGFLHLATVLNNNYVLAETLREGSNSENLVMTTGEKVLASTINGDETYTERDVLEDNF  240
NTDB id 1164 A1552VC RS18025 WP 001026306.1      EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVVHSAK  240
consensus                                             ****!!***!*  *! !*!*!*** !!! !* ! ! *! !!!!!!!!*     *! !!* ! !*!*   !**

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  DAYSFADYMVSRTALTIEGVPIYINVLSVQSNENVLQLRENYFFWMIFALFAMVIVSILTRWWLQQRVKNEISSLMNYTH  320
NTDB id 1164 A1552VC RS18025 WP 001026306.1      DAM.RDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                        !! *   **!  ! ! *! !! !**! !*!*! !!! !!*!**!!! !!!  !* !!! *!!!!! !*  !! *!!!!!!

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  KAAEAGSYELFSGSKIYEFDHFGRTLEHTFQRLSEQEKQFEDLFNFSLSPIIVWSIDGDIIKMNPSAKKYFMRRNDQQQC  400
NTDB id 1164 A1552VC RS18025 WP 001026306.1      KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF  399
consensus                                        !  *  *   ! !!!!!!!!*!!!!!!**! !!   !!!!!!!!!! !!! **!   ! *!*!!!!!   !*!   !***

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  ILDALKQELQPKIRLAVEQETFREINVEVGNKVFRWNLSPIIFEQRIESIITQGQDITTIAEAAKQSRLARQEAEESARI  480
NTDB id 1164 A1552VC RS18025 WP 001026306.1      LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                        * * !   ! ! !  !      * **  !!  *!*!!!!!!!* !  ! !!!!!!!!!!!!!!! !!!  !! !!!!!!!*

logo
NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  RAEFLAKMSHELRTPLNGILGVSQLLKREISDHEQLEQVNVLCSSGEHLLAVLNDILDFSKIEQGQFRIQESDFKLVEVI  560
NTDB id 1164 A1552VC RS18025 WP 001026306.1      RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                        !!!!!!!!!!!!!!!!!!!*!!!!!!!!! *  *!! !*! !!!!!!!!!!!!!!!!!!!!!**!!! !!!!  *!*! !**
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logo

NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  SAVESIYRPLCAEKEIEFSLKSNIPPDMMIHSDQVRLNQILFNLLNNATKFTHHGLISIEFQQKN...NHQLFISISDTG  637
NTDB id 1164 A1552VC RS18025 WP 001026306.1      CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG  639
consensus                                        *!** !!!!!! !! *!  * !!!**  ***!!!*!*!!!!!!!!!! !!!!*! ! *! !   *** *!! ! * !!!

logo

NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  IGIREQDLALIFEPFTQVESNTTREYGGSGLGLAIVKSLIEMLGGAVNVKSQFGVGTTFSVELPLVVVSDCGKDIPSYER  717
NTDB id 1164 A1552VC RS18025 WP 001026306.1      IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAPQQLLPA  719
consensus                                        !!!!!!!! *!!!!! ! !! !!!!!!!!!!!! !!*!!*!!! ! **! ! *!*!! ! * !!* *!     * *  *

logo

NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  APPHEMFEKPIKVLLVEDNHTNAFIAQAFCKKYGMEVTRVEDGLQAIDYVKDHPVDLILMDNQLPYLGGVETTHLIKHEL  797
NTDB id 1164 A1552VC RS18025 WP 001026306.1      PDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKVL  799
consensus                                        **!***!*!***!!!!!!!!!!!!!!!!!!!*!!!**!* ! !!!!!!* *! !* !!*!!!!!!!!! !!!!!* !!* !

logo

NTDB id 1113412 VANGNB10 RS03890 WP 013867910.1  MMDVPIYACTADGMQSTNEAFMAAGAEYVIVKPIKEKALHEAFCHFQKRQK.......  848
NTDB id 1164 A1552VC RS18025 WP 001026306.1      HLPVVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN  857
consensus                                        ***!**!!!!!!!*  !  !! *!!!!!!*!!!*!!  !! ! *!! *** *******
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X non conserved

X similar

X ≥ 50% conserved