```
logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   MNVRPSPIRQKQKIATYFTRAITIIIAILTFSVLFQNYQISSQLIAQEVQRTANQTSGLVQGMVNFRLSLLKIHQDGSAT   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1  MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                    !!*!!!*!**!!*!!** !*!* *****!  !!!!! !!!!! !*!!! !!!  !!! !*! *  !!!  !*!!!! *!

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   NADLLHAVSSGKSQYIDQYFRAVDQLDPDNTPDVRFIAGLNHMLWDDGNAQFYGIVPNELESVSHRMVVNNAWMLVKIPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1  NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                    !! !**!* !  !  *! *!  !! !** ! !!*!!!  * **!!!!!!! !!!! **!!  * *!* *   !*!!  !!

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   LLETVYALARRTPLVSNQSGELIGYFYVMFVINNNYNLIEQIRTRSNSQNLILAIGSNVLSTTLNGEESYSEQDVLASQQ  240
NTDB id 1164 A1552VC RS18025 WP 001026306.1  EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVVHSAK  240
consensus                                      *!* ! !!**!*   *! **!! !!  !*! !* !*!*!!* !!! !!*!!* * *! *!! ! !*!!   !**!

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   NSDRLASYTVNTTELNVDENPTQLMIYAVQDNQNVVKLKRNFYYGVVFILVATTLFSFILWRWLHNRIRAEIEKLVQFSR  320
NTDB id 1164 A1552VC RS18025 WP 001026306.1  DA.MRDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                     *   !* !  ! ! !*  !! !**! *! !!!!* !* !!!* * ! !*     !     !!* !!  !!! !*****

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   SIVDRGAEHVFHGSKIEEFDLFGRALEHTFKRLSEQEKQFENLFNFSIAPTILWGADGRLLRMNPAAVKQFSKDSQVAI.  399
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF  399
consensus                                     **!    * !*!!!! !!! !!! !!**!*!!   !!!!! !!!! * !!*!!   !!!*!!!! !  !! **    **

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   .FYELKERLIPSIKKASNGETLNEVATEFDSQIFRWTISPIVTEGRVESVLTQGQDVTTIAEAEKQSHLARSEAERAAGA  478
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                    *!  !   !*!*!  ! *!  * *! !! !  **!! *!!!* !! * !**!!!!!*!!!!!!!!!!* !! !!!  !

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   RADFLARMSHEVRTPLNGILGVSQLLKESVTDEKQLEQVGVLSLCSEHLLAVLNDILDFSKIEQNKFKLNPVHFHLIETV  558
NTDB id 1164 A1552VC RS18025 WP 001026306.1  RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                    !!*!!!*!!!!*!!!!!!*!!!!!!!! **  * ! !*!*!!* * !!!!!!!!!!!!!!**!! !!**** *!*! ! !
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logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   RVIERIYQPLCQEKELGLDVMTNIQEDTIVVIDQIRLNQIIFNLLNNAIKFTREGEICVLINLNHSENGAMFHVSISDTG   638
NTDB id 1164 A1552VC RS18025 WP 001026306.1  CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG   639
consensus                                    * !*!!! !!!*!! ! ! ! *!!    !!  !!!!*!!!*!!!!!!!!!!!* ! !*! **! * ** !  ** * !!!

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   IGIGHDDLTLIFEPFIQGGTTSSREFGGSGLGLSIVKNLVELMGGVVSVSSQVGKGSCFEFTIPIEVEQYRARHVKETIE   718
NTDB id 1164 A1552VC RS18025 WP 001026306.1  IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAP.QQLLP   718
consensus                                    !!! * !!!*!!!!!*!* *!**!!*!!!!!!!*!!* !!!** ! **!!!  ! !**!!  *!!!*   *   *   **

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   QEPSGQLFEQSPHVLLVEDNKTNAYIAKAFCDRFGLRVTWVEDGTVAVETLKKMGFDLILMDNQLPGMDGVEVTDFVKHQ   798
NTDB id 1164 A1552VC RS18025 WP 001026306.1  APDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKV   798
consensus                                     *** *!!* ***!!!!!!!*!!!*!! !!! **!! !*!! !!  !*! !! * *!!*!!!!!!! *!!!! !  *!*

logo
NTDB id 89359 OCU42 RS17280 WP 077333484.1   LRLDTPIYACTADDTEKTKNDFLHAGAEYILVKPIREENLHQALVHFRDHYWEPVTSSVIQSH   861
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LHLPVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN....   857
consensus                                    !*!* **!!!!!!  ! !** ! !!!!!!*!!!!**!  !! !! !!**!*  *     ****
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X non conserved

X similar

X ≥ 50% conserved