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logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   MNVRPSPIHQKQKIATYFTRAITIIIVILTFSVLFQNYQISSQLIAQEVQRTANQTSGLVQGMVNFRLSLLKIHQDGSAK   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1  MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                    !!*!!!*!**!!*!!** !*!* *** *!  !!!!! !!!!! !*!!! !!!  !!! !*! *  !!!  !*!!!! *!!

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   NADLLHAVSSGKSQYIDQYFRAVDQLDPDNTPDVRFIAGLNHMLWDDGNAQFYGIVPNELESVSHRIAVNSEWMLVKIPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1  NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                    !! !**!* !  !  *! *!  !! !** ! !!*!!!  * **!!!!!!! !!!! **!!  * *!*!*   !*!!  !!

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   LLETVYGLARRTPLV.SNSGELIGYLYVMFVINNNYNLIEQIRSRSNSQNLILAIGSNVLSTTLNGEESYSEQDVLVNPQ  239
NTDB id 1164 A1552VC RS18025 WP 001026306.1  EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVVH.SA  239
consensus                                       *!* ! !!**!**  *! **!!!!!  !*! !* !*!*!!! !!! !!*!!* * *! *!! ! !*!!   !****

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   HSDRLESYTVNTTELNVDDKPTQLMMYAVQDNQNVVKLKRNFYYGVVFILVATVLFSFILWRWLHKRIRAEIEKLVQFSR  319
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KDAMRDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                    *    *!* !  ! ! !*  !! !**! *! !!!!* !* !!!* * ! !*  *  !     !!*!!!  !!! !*****

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   SIVDRGAEHVFHGSKIEEFDLFGRALEHTFKRLSEQEKQFENLFNFSIAPTILWGADGRLLRMNPAAVKQFSKENQVAI.  398
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF  399
consensus                                     **!    * !*!!!! !!! !!! !!**!*!!   !!!!! !!!! * !!*!!   !!!*!!!! !  !! *!    **

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   .FYELKERLIPSIKKASSGETLNEVATEFEGQIFRWTISPIVSEGHVESVLTQGQDVTTIAEAEKQSHLARSEAERAAGA  477
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                    *!   !   !*!*!   !   !   * *! !! *! **!! *!!!* !!** !**!!!!!*!!!!!!!!!!* !! !!!   !

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   RAGFLARMSHEVRTPLNGILGVSQLLKESVTDDKQREQVGVLSLCSEHLLAVLNDILDFSKIEQNKFKLNPVHFHLIEMV  557
NTDB id 1164 A1552VC RS18025 WP 001026306.1  RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                    !! !!!*!!!!*!!!!!!*!!!!!!!!! **  ! !!!*!*!!* * !!!!!!!!!!!!!!**!! !!**** *!*! !*!
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logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   RVIERIYQPLCQEKGLELDVMTNIQKDTIVVIDQIRLNQITFNLLNNAIKFTREGEICVLINLNHSEEGAMFHVFISDTG   637
NTDB id 1164 A1552VC RS18025 WP 001026306.1  CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG   639
consensus                                    * !*!!! !!!*!!!!!! ! *!!    !!   !!!!*!!! !!!!!!!!!!!* ! !*! **! * ** !   ** * !!!

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   IGIGHDDLSLIFEPFIQGGTASNGEFGGSGLGLSIVKNLVELMGGVVSVSSQVGKGSSFEFTIPIEVEQYHAKKVKETID   717
NTDB id 1164 A1552VC RS18025 WP 001026306.1  IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAP.QQLLP   718
consensus                                    !!! * !!**!!!!!*!* * *  !*!!!!!!!*!!* !!!** ! **!!!  ! !* !!  *!!!*      **   **

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   QVPSGQLFEQSPHVLLVEDNKTNAYIAKAFCERFGLRVTWVEDGTVAVETLKKMGFDLILMDNQLPGMDGVEVTDFVKHQ   797
NTDB id 1164 A1552VC RS18025 WP 001026306.1  APDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKV   798
consensus                                     *** *!!* ***!!!!!!!*!!!*!! !!! **!! !*!! !!  !*! !! * *!!*!!!!!!! *!!!! !  *!*

logo
NTDB id 89388 OCU60 RS21015 WP 074371098.1   LRLDTPIYACTADDTEKTKNDFLHAGAEYILVKPIREENLYKALVHFRDNHWTPQTSKALQSH   860
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LHLPVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN....   857
consensus                                    !*!* **!!!!!!  ! !** ! !!!!!!*!!!!**!  !*!!! !!***!  **    ****
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X non conserved

X similar

X ≥ 50% conserved