```
logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   MNVRPSPIRQKQKIATYFTRAITIIIVILTFSVLFQNYQISSQLIAQEVQRTANQTSGLVQGMLNFRLSLLKIHQDSSAT   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1  MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                    !!*!!!*!**!!*!!** !*!* *** *!  !!!!! !!!!! !*!!! !!!  !!! !*! *  !!!  !*!!!!!*!

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   NADLLHAVSSGKSQYIDQYFRSVDQLDPDNTPDVRFIAGLNHMLWDDGNAQFYGIVPNELESVSHRMAVNNAWMLVKIPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1  NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                    !! !**!* !  !  *! *! !!! !** ! !!*!!!  * **!!!!!!! !!!! **!!  * *!*!*   !*!!  !!

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   LLETVYALARRTPLV.SHSGELIGYLYVMFVINNNYNLIEQIRARSHSQNLILAIGSNVLSTTLNGEESYSEQDVLAHPQ  239
NTDB id 1164 A1552VC RS18025 WP 001026306.1  EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVV.HSA  239
consensus                                       *!* ! !!**!** **! **!!!!!  !*! !* !*!*!!  !*! !!*!!* * *! *!! ! !*!!   !**!*

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   HSDRLESYTVNTTELNVDENPTQLIMYAVQDNQNVVKLKRNFYYGVVFILVATALFSFILWRWLHKRIRAEIEKLVQFSR  319
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KDAMRDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                    *    *!* !  ! ! !*  !! !**! *! !!!!* !* !!!* * ! !*    !     !!*!!!  !!! !*****

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   SIVDRGGEHVFHGSKIEEFDLFGRALEHTFKRLSEQEKQFENLFNFSIAPTILWGADGRLLRMNPAAVKQFSKESEVSAF  399
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF  399
consensus                                     **!    * !*!!!! !!! !!! !!**!*!!   !!!!! !!!! * !!*!!   !!!*!!!! !  !! *!    *!

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   ..YELKERLIPSIKKASNGETLKEVATEFDNQIFRWTISPIVTESRIESVLTQGQDVTTIAEAEKQSHLARSEAERAAGA  477
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                    **   !   !*!*!   ! *!  * *! !!  !   **!! *!!!* !   ! !**!!!!!*!!!!!!!!!!* !! !!!   !

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   RADFLARMSHEVRTPLNGILGVSQLLKESVTDEKQREQVGVLSLCSEHLLAVLNDILDFSKIEQNKFKLNPVHFHLIETV  557
NTDB id 1164 A1552VC RS18025 WP 001026306.1  RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                    !!*!!!*!!!!*!!!!!!*!!!!!!!! **  * !!!*!*!!* * !!!!!!!!!!!!!!**!! !!**** *!*! ! !
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logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   RVIERIYQPLCQEKELELDVMTNIQEETIVVIDQIRLNQIIFNLLNNAIKFTRAGEICVLINLNHSEEGAMFHVSVSDTG   637
NTDB id 1164 A1552VC RS18025 WP 001026306.1  CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG   639
consensus                                    * !*!!! !!!*!! !!! ! *!!    !!  !!!!*!!!*!!!!!!!!!!!* ! !*! **! * ** !  ** ! !!!

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   IGIGHDELLLIFEPFIQGGTTSNREFGGSGLGLSIVKNLVELMGGSVSVSSQVGKGSCFEFTIPIEVEQYHVKQAEEPVE   717
NTDB id 1164 A1552VC RS18025 WP 001026306.1  IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDA.PQQLLP   718
consensus                                    !!! * *! *!!!!!*!* *!* !!*!!!!!!!*!!* !!!** ! **!!!  ! !**!!  *!!!*      **  ***

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   QSSSDQLFEQSPHVLLVEDNKTNAYIAKAFCDRFGLRVTWVEDGTAAVETLKKIGFDLILMDNQLPGMDGVEVTDFVKHQ   797
NTDB id 1164 A1552VC RS18025 WP 001026306.1  APDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKV   798
consensus                                     * * *!!* ***!!!!!!!*!!!*!! !!! **!! !*!! !!  !*! !! * *!!*!!!!!! *!!!! !  *!*

logo
NTDB id 89327 OCV37 RS17790 WP 038184884.1   LRLDTPIYACTADDTEKTKNDFLHAGAEYILVKPIREENLYKALLHFRDHYWTPVTSSVLQSH   860
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LHLPVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN....   857
consensus                                    !*!* **!!!!!!  ! !** ! !!!!!!*!!!!**!  !*!!! !!**!*  *     ****
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X non conserved

X similar

X ≥ 50% conserved