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logo
NTDB id 343807 EPB61 RS04830 WP 154179829.1   MSIRASTVKQKRKIATFISRAIVTVLGALTLTVLFQSYQISSRLLSQEVARTSTQTSSLIQNLFNYRLATLQIHQDSSAK   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1   MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                     ! !!*! *!*! *!!*!!**!*! !*! ! **!!!!!!!!!!!!* !!  !!! !!!!!!! !! *!!! ! !!!!!*!!

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   NASLIQALNSDSGAALDQYFLSVDQLELNNTPDIRFITDLKEMVWEDGNSQFYGVPPKELNKIIRKVSISSNWHLIQTPS   160
NTDB id 1164 A1552VC RS18025 WP 001026306.1   NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS   160
consensus                                     !!!!!*!! !     !! *! !!! !!! ! !!*!!!* *  **!*!!!  !!!*** !!!!*!!*! !! !!!!*!!!!

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   VLGTAYLLVRRSPIVDTATGEVIGFLYVSTVLNNNFTLIETIRDSSNSQNLILTVGSEVLASTLNGDESYSTFDVLEDGL   240
NTDB id 1164 A1552VC RS18025 WP 001026306.1   EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDY.VVHSA   239
consensus                                        * **!*!!!**** *!! !*!*!!!  !!! !! !*! !!  !!! !!*! ! * *! !!! ! !*!!   ** *

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   SDALYDKNMVAKTALEVEGVPTYLSIYSVQSNENALSLRNNYYFWMVFALVAMVGVSILTRWWLQRRIESEIDGLMTYTH   320
NTDB id 1164 A1552VC RS18025 WP 001026306.1   KDAMRDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH   319
consensus                                      !!* !  *!* ! !!!! !!!!!**!!*!*! ! !*!! !*!!!! !!!* !*!!!! *!!!!!*!!  !!* !! !!!

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   KVAERGLDDFFPGSKIYEFDHFGRTLEHTFQRLSDQEKQFEDLFNFALSPTILWTAECELIRMNPSAHSHFLRNNADDHS   400
NTDB id 1164 A1552VC RS18025 WP 001026306.1   KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF   399
consensus                                     !* *       !*!!!!!!!!*!!!!!!**! !!   !!!!!!!!!!!!!!!!*!!   ! !!!!!!!!* *!!!  !  !

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   LFSVLKRQLIPQIKLAAQGEILKEVNTEVDGRVILWNLSPIVVENRIESIITQGQDVTSIAEAEKQSRIARKEAEESARV   480
NTDB id 1164 A1552VC RS18025 WP 001026306.1   LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV   479
consensus                                     !!  *! !!!*! !  !!!!  * *! !!!!!!!  !!!!!!*!!  ! !!!!!!!!*!*!!!!!!!!  !!*!!!!!!!!

logo

NTDB id 343807 EPB61 RS04830 WP 154179829.1   RADFLAKMSHELRTPLNGILGVSQLLKRTVTEKEQAEQVNVLCSSGEHLLAVLNDILDFSKIEQGKFRIQKADFPLVDVV   560
NTDB id 1164 A1552VC RS18025 WP 001026306.1   RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV   559
consensus                                     !!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!*   !! !*! !!!!!!!!!!!!!!!!!!!!!!**!!!!!!!!!! *!*! **!
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logo
NTDB id 343807 EPB61 RS04830 WP 154179829.1  SAIERIYRPLCREKGLTLTLNTNISDDLVVRTDQVRLNQILFNLLNNSVKFTHEGAINIQLHLIETEAGAKLEITVLDTG  640
NTDB id 1164 A1552VC RS18025 WP 001026306.1  CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG  639
consensus                                    *!!*!!!!!!! !!!! ! *!*!!*   *!!*!!*!*!!!!!!!!! *!!!! ! ! * !*!!! ** ! ! ! !*!!!

logo
NTDB id 343807 EPB61 RS04830 WP 154179829.1  IGIREQDLALIFEPFVQAESTNTREYGGSGLGLAIVHSLIEMLGGSIEVKSSFGVGTRFTIELPLEIVTAETQTVAHNEG  720
NTDB id 1164 A1552VC RS18025 WP 001026306.1  IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAPQQLLPA  719
consensus                                    !!!!!!!! *!!!!!*!!!!! !!!!!!!!!!! !!!!!*!!! ! **! ! *!*!!!! ! !!*!*!  *  *  * **

logo
NTDB id 343807 EPB61 RS04830 WP 154179829.1  KSRYELFDGAVNVLLVEDNHTNAFIARAFCRKYGMNVDWVTDGLQAIEKVKHQPYDLILMDNQLPYLDGVDATRIIKHDM  800
NTDB id 1164 A1552VC RS18025 WP 001026306.1  PDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKVL  799
consensus                                    * * *!!!  * !!!!!!!!!!!!!! !!!*!!!* ! !!!!!!!!!! *!***!!!*!!!!!!!!!!!!* !! !!* *

logo
NTDB id 343807 EPB61 RS04830 WP 154179829.1  GLAMPVYACTADGMAETQEAFMSAGAEYVIVKPIKEETLHQALVNFKTHAAELAVTER  858
NTDB id 1164 A1552VC RS18025 WP 001026306.1  HLPVVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN  857
consensus                                    *!***!!!!!!!!* !!  !! *!!!!!!*!!!*!! !!! !! *!!*!**
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X non conserved

X similar

X ≥ 50% conserved