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logo
NTDB id 89267 OCV11 RS19125 WP 261897612.1   MSVITGPIRPKRRIANFISFAIVVVLGALTLSVLFQSYQISSRLMSQEVLRTSGQTTNLVQSLFNFRLATVQIHQDSSAQ   80
NTDB id 1164 A1552VC RS18025 WP 001026306.1  MNIRPSQIKHKQRIASFITHAVVVVMGVLIVSVLFQSYQISSRLMAQEGQRTSVQTSSLIQSLFDFRLAALRIHQDSTAK   80
consensus                                    ! * * *!* ! !!! !!**!*!!!*! ! *!!!!!!!!!!!!!! !!  !!! !!* !*!!!! !!!! * !!!!!*!

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   SQNLVEALQSRDPQTIDQYFLSVDQLELSNTPDIRFITTMDGLIWDDGNAQFYGLSQDDMTKVIRRVAFNSNWHLISSPS  160
NTDB id 1164 A1552VC RS18025 WP 001026306.1  NASLINALVSRDSSRLDEFFSSVDELELSNAPDLRFISSHDNILWDDGNASFYGIAQQELNKLIRRVAISGNWHLVQTPS  160
consensus                                       !* !! !!!*  *! *! !!! !!!!! !!*!!!***! **!!!!!! !!!* ! ** !*!!!!!   !!!!* *!!

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   QLDMIYLMVRRSPLINQATGEVAGFLYVAVVLNNNYALIETMRDGSNSQNLVLTVGKKVIASTLNGNEPYREADVIKSGQ  240
NTDB id 1164 A1552VC RS18025 WP 001026306.1  EGKSVHILMRRSSLIEAGTGQVVGYLYVGIVLNDNFALLENIRSGSNSENLVLAVDTTPLVSTLKGNEPYSLDYVVHSA.  239
consensus                                       *****!!!*!!  *!! ! !*!!!**!!! !*!!*! *! !!!! !!!! !   ** !!! !!!!!    !**!**

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   SDTLYNRNMVSRASLEVEGVPTYLTVYSVQNNQNALRLRDNYYFWMIFALVAMVIVALITRWWIQRRIESEIACLMTYTH  320
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KDAMRDSFIVGQTFLEVESVPTYLCVYSIQTNQNVLTLRDNFYFWMAFALISMIGVSIASRWWLQKRIQREIETLMNYTH  319
consensus                                     ! *    *!    !!!! !!!!!*!!!*! !!! ! !!!!*!!!! !!!* !* ! * *!!!*!*!!   !! *!! !!!

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   QVADKGRRNPFPGSTIYEFDHFGRTLEHTFSRLSEQEKQFEDLFNFTVSPTVLWSTDGQMIKMNPSAKQQFLHQFEEDKP  400
NTDB id 1164 A1552VC RS18025 WP 001026306.1  KLMDLDTKSEFIGSKIYEFDYFGRTLEQSFRRLANKEKQFEDLFNFALSPTMLWNTSGRLIRMNPSAQIQFLREDAQNHF  399
consensus                                     * !   * *!*!! !!!!!*!!!!!!**! !!   !!!!!!!!!! *!!!*!! ! ! *!*!!!!!  !!!*    **

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   LLDGLERQLRDKIAEAAQGNIVKEVNTELGGKMFRWNLSPIEVNDKIESIIAQGYDITSIAEAEKQSRIARKEAEESARL  480
NTDB id 1164 A1552VC RS18025 WP 001026306.1  LFEILERQLLPTITNAAQGNNPSDVTTEVDGRVYRWNLSPIMVEGQIISIITQGQDITTIAEAEKQSQAARREAEESARV  479
consensus                                    ! * !!!!! * !  !!!!! * *! !!* !***!!!!!!! !   ! !!! !! !!!*!!!!!!!!  !!*!!!!!!!*

logo

NTDB id 89267 OCV11 RS19125 WP 261897612.1   RADFLAKMSHELRTPLNGILGVSQLLKRTVNDKEQVEQVNVLCSSGEHLLAVLNDILDFSRIEQGKFRIQKSQFRLSDVV  560
NTDB id 1164 A1552VC RS18025 WP 001026306.1  RAEFLAKMSHELRTPLNGVLGVSQLLKRTPLNDEQREHVAVLCSSGEHLLAVLNDILDFSRLEQGKFRIQKNEFRLKELV  559
consensus                                    !!*!!!!!!!!!!!!!!!!*!!!!!!!!!!!*   !! !*! !!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!  !!! **!
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logo
NTDB id 89267 OCV11 RS19125 WP 261897612.1   YAIERIYRPLCAEKGITLQLNSNIVEDVMVVGDQVRINQILFNLLNNAVKFTHYGEIDVDLILLVTESQSTLKVRIKDSG   640
NTDB id 1164 A1552VC RS18025 WP 001026306.1  CAIDRIYRPLCNEKGLELVVNSNITTAAIVRSDQIRINQILFNLLNNAIKFTHQGSIRVELQLIEGDPLAQLVIQVVDTG   639
consensus                                    *!!*!!!!!!! !!!* ! *!!!!    *!  !!*!!!!!!!!!!!!!*!!!! ! ! !*! !*  **   ! * * !*!

logo
NTDB id 89267 OCV11 RS19125 WP 261897612.1   IGIRSEDMRIIFEPFVQAESTTTREYGGSGLGLAIVNSLIEMLGGTIRVESEFGKGTEFNLRIPLPVAQVEEREIDAKEA   720
NTDB id 1164 A1552VC RS18025 WP 001026306.1  IGIREQDLTVIFEPFMQAESTTTREYGGSGLGLTIVHSLVEMLSGQLHVSSEYGIGTRFEIQLPIELVEKPDAPQQLLPA   719
consensus                                    !!!!  !* *!!!!!*!!!!!!!!!!!!!!!! !!*!!*!!! ! **! !!*! !! ! * *!***   ** *    *!

logo
NTDB id 89267 OCV11 RS19125 WP 261897612.1   DVKFTLFDEPLKVLLVEDNHTNAFIARAFCRKYGLDVEWVTDGVQAIEKAKEQQFDLILMDNQLPYLGGIDATRVIKQEL   800
NTDB id 1164 A1552VC RS18025 WP 001026306.1  PDPQPLFDKTLRVLLVEDNHTNAFIAQAFCRKYGLDVSWVTDGLQAIEELKIHDYDLVLMDNQLPYLDGVETTRTIKKVL   799
consensus                                    * * *!!! *!*!!!!!!!!!!!!!! !!!*!!!!!! !!!!!*!!!!  ! * *!!*!!!!!!!!! !** !! !!  !

logo
NTDB id 89267 OCV11 RS19125 WP 261897612.1   KLSAAVYACTADGMESTRDAFIAAGAEYVLVKPLKETSLNQALVYFKQQRQVTG....   854
NTDB id 1164 A1552VC RS18025 WP 001026306.1  HLPVVVYACTADGLEETRQAFFHAGAEYVLVKPLKEQTLHKALEHFKHHHGQKNAGLN   857
consensus                                    *!*  !!!!!!!!!*! !! !! *!!!!!!!!!!!!! *!* !! *!!***    ****
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X non conserved

X similar

X ≥ 50% conserved