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logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     ....MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYP    76
NTDB id 331489 EJN92 RS13120 WP 227869533.1  MSTTEISSQMRVLVVDDEAHLRELLEITLIKMGLDVDSAESLAVARSYLAKTSYALVLTDMRLPDGSGMELVEEVGSLYK    80
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ......MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHP    74
consensus                                           ** **!*!!!! ****!***!!**!**** *!   *  !* ****  ****!!!**!!!!!!**!!   * * **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     NTPIAVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEH.....DTTENALENKLLIGRSLPIQQLR   151
NTDB id 331489 EJN92 RS13120 WP 227869533.1  NTPIAVITAFGSADNAVVALKAGAFDYVSKPVALDQLRKLVRSALQMNQVPVAISKEAQAPDALSPSCLIGQSAAMQDVR   160
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QTPVAMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP........EAEEAPVDNRLLGESPPMRALR   146
consensus                                    *!!*!**!!*!**!  !* !!!!!!!!***!!! *  !* !* *!!*****         ***!*    !*! ! *** *!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     IAIKKIARSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSA   231
NTDB id 331489 EJN92 RS13120 WP 227869533.1  SQIARLARSMAPVIITGESGSGKELAAREIHANSVRLGKAFIAVNCGAIPEALMEAEFFGYRKGAFTGASDDRDGFFQAA   240
NTDB id 1473 PAKAF RS24000 WP 003094694.1    NQIGKLARSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAA   226
consensus                                     *!***!!!*!!!***!!!!*!!!**!***!  **  !****!***!!!!!!*!!!*!*!!**!!*!!!!**!**!****!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     HGGSLFLDEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPL   311
NTDB id 331489 EJN92 RS13120 WP 227869533.1  SGGTLMLDEVADLPLAMQVKLLRAIQERRVRKVGATVEEPVDVRIISATHQNLEACVSAGKFRQDLYYRLNVIELHLPPL   320
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SGGTLFLDEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPL   306
consensus                                    *!!*!*!!!*!*!!**!!!!!!!!*!!***!  !!* *!* !!*!***!*!**!**  !  *!*!!!!!**!**!**!  *!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     RERGEDVLLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANIS   391
NTDB id 331489 EJN92 RS13120 WP 227869533.1  RERLGDIAVLSDAILQRLGST.EYP.VSLQASALQALSEYDFPGNVRELENILERAVAFANDGSIEVTDLALRNNGRNSG   398
NTDB id 1473 PAKAF RS24000 WP 003094694.1    RERREDIPLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ   386
consensus                                    !!! *!* *!** ****** * * !   !** !   ! ** !!!!!!!!!*!**!!!*** *!**!****! **   ***

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1     NPFASAAQSIQT..............TVAAPQ.A............VKKLPSEGLERYLENIEKDILLNALNMTHWNRT   443
NTDB id 331489 EJN92 RS13120 WP 227869533.1  ...SSKTARLNETAKLEASEVADFTQILAQPPPLMADLVALEEENLFSAPELPCCLPEYLEKIERELIRRALLKTHDNRT   475
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ...EGA.AS.................................LSEIDNLEDYLEDIERKLIMQALEETRWNRT   422
consensus                                       ** ****                 ** *                          * !**!!! !!******!!   !**!!!
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logo

NTDB id 1045 H0N27 RS16330 WP 168727019.1     LAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 331489 EJN92 RS13120 WP 227869533.1  QAAELLGVSFRQLRYQIQKLKINDAG....   501
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                     !! *!!**!!**!!***!****
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X non conserved

X similar

X $\geq$ 50% conserved