```
logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  .........MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPI   71
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
consensus                                          **!*!* **  !* **!*** *** **  ***!******  *!**!*!**!!!**!*!**  * ** !**!*

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  VFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTIDSAAS  151
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNP...E.AEEAPVDNRLLGESPPMRALRNQIGKLAR  154
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT.TENALENKLLIGRSLPIQQLRIAIKKIAR  159
consensus                                    ***!!*!**!*!* !***!!*!!**!!**  *!* *** !***      *  * *   * **! ! ******  ! **!*

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  SKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLFLD  231
NTDB id 1473 PAKAF RS24000 WP 003094694.1    SQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLD  234
NTDB id 1045 HON27 RS16330 WP 168727019.1    SQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLD  239
consensus                                    !*!*****!!!!*!!!**! **!  * ! **!!***!!*!!!**!*!!!*!!!*!!!*!!!!  **!!*  *! !!*!!!!

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDDVI  311
NTDB id 1473 PAKAF RS24000 WP 003094694.1    EVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERRREDIP  314
NTDB id 1045 HON27 RS16330 WP 168727019.1    EIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVL  319
consensus                                    !****** *!*!!!!**!** ** !!* *** !!*!***!***!*  *!  !*!!*!!**!* !**! *!!!!*!**!**

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  EIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPINRALPLA  391
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADA....PGAS.....  385
NTDB id 1045 HON27 RS16330 WP 168727019.1    LLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPL....RANISNPFA  395
consensus                                    **!  ** **  * * *  *!**** ****** *!!!!!*! !******! !*  ! *  ! **      ***   * *

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  HENKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPST.I..YRKLQTWNEKVKEKEKER.............  455
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ................Q....EGAAS..LSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLG  443
NTDB id 1045 HON27 RS16330 WP 168727019.1    SAAQSIQTT.....VAA....PQAVK..KLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFG  464
consensus                                                *      **!*      ** ** !!* *** ****** ** !!**********************  *
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logo

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NTDB id 1157 A1552VC RS03895 WP 001888250.1  .........   455
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ID.......   445
NTDB id 1045 HON27 RS16330 WP 168727019.1    LDTETEQEV   473
consensus                                    **
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X non conserved

X similar

X $\geq$ 50% conserved