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

logo
NTDB id 1157 A1552VC RS03895 WP 001888250.1  VFMTAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDVDNKNQNYQGFIGSSQTMQAVYRTIDSAAS  151
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQK.VEHDTTENALENKLLIGRSLPIQQLRIAIKKIAR  159
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLR....NPEAEEAPVDNRLLGESPPMRALRNQIGKLAR  154
consensus                                    ************ **************  *** *** ****   * **  * ********!*! ********! **!*

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

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

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

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

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                                                  LDTETEQEV
NTDB id 1157 A1552VC RS03895 WP 001888250.1   .........   455
NTDB id 1045 H0N27 RS16330 WP 168727019.1     LDTETEQEV   473
NTDB id 72647 PKHYL RS17235 WP 269778261.1    .........   103
NTDB id 1473 PAKAF RS24000 WP 003094694.1     ID.......   445
consensus                                     **
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X non conserved

X similar

X $\geq$ 50% conserved