```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI    80
NTDB id 248998 CPC19 RS11650 WP 016391003.1  ..MPQTLALIVDDEPDILELLEITLSRMGIASKPAHDLSEAKLLLKTHSFDICLTDLQLPDGNGLELVTHVQTHYPSTPT    78
NTDB id 1473 PAKAF RS24000 WP 003094694.1    ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV    78
consensus                                     * * **!*!!!!*!* *!***!!*!!** ** !  * *!* !*     *!*!!!!*!!!!*!!*!! **** *!*!!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDTTENALENKLLIGRSLPIQQLRIAIKKIARS   160
NTDB id 248998 CPC19 RS11650 WP 016391003.1  AVITAFGSMEVAIKALKLGAFDFVSKPVDLKSLKNLVSSAIKINDTVE..PVDRRSRDQLLGDSVMMANVRAKIAKLARS   156
NTDB id 1473 PAKAF RS24000 WP 003094694.1    AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPE...AEEAPVDNRLLGESPPMRALRNQIGKLARS   155
consensus                                    !**!!*!***!! !!!*!!!!!**!!!**  !**!* *!****  *    ***     !*!*!*** **!  !*!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    QAPVFVTGESGTGKELVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFLDE   240
NTDB id 248998 CPC19 RS11650 WP 016391003.1  QAPIYISGESGTGKELVAKLIHEKGPRANQAFVPINCGAIPHELMESEFFGHKKGSFTGAIADKKGLFQLAHGGTLFLDE   236
NTDB id 1473 PAKAF RS24000 WP 003094694.1    QAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFLDE   235
consensus                                    !!!****!!!!*!!!*!!*!*!* **! * *!***!!!!!!*!!!!!!*!!!!!!!!!!!* !!*!!** !*!!*!!!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    IAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDVLL   320
NTDB id 248998 CPC19 RS11650 WP 016391003.1  IADLPLHMQVKLLRAIQEKSIRPIGSDTETVIDTRILCATHKNLSELVEKGSFRQDLYYRINVIELPLPALRERKEDIQQ   316
NTDB id 1473 PAKAF RS24000 WP 003094694.1    VADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDIPL   315
consensus                                    *!*!!* !!!!!!!!!*!!! *!**!***!* *!  !***!*!**!  *!  !*!!!!!**!**!**! *!*!!!!*!!* *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    LANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRANISNPFASAAQS   400
NTDB id 248998 CPC19 RS11650 WP 016391003.1  LATHILQKLNTEHGNTTISLSENALKALTKYPFPGNVRELENILERAFTLCENGLIHQADLQLPENPHNIP.......NS   389
NTDB id 1473 PAKAF RS24000 WP 003094694.1    LAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ........   386
consensus                                    !! ******  * * *   !** !   ! ** !!!!!!!!*!**!!!*!!*!** !   *! *** ****        **

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1    IQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV   473
NTDB id 248998 CPC19 RS11650 WP 016391003.1  INTPASSPNASDESSDAPLEDYLGTLEKEAIVNALEKTRWNKTAAAKDLGITFRALRYRLKKLGLDT......   456
NTDB id 1473 PAKAF RS24000 WP 003094694.1    .......EGAASLSEIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......   445
consensus                                    ***    **!   *  * !!*!!* *!*****!!* !*!!*!*!!**!!*!!!**!!!!!!*!*!*
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X non conserved

X similar

X ≥ 50% conserved