```
logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        MAEQQPLVLLVDDEEDLCLLMQMTLARMGIKTHLAYRVEQAKQLFTQFHYDACLTDLNLPDGSGLDLVKHVSQNYPNTPI   80
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  .MNEPKSALVVDDERDIRELLVLTLGRMGLRISTAANLAEARELLANNPYDLCLTDMRLPDGNGIELVTEIAKHYPQTPV   79
NTDB id 1473 PAKAF RS24000 WP 003094694.1       ..MSRQKALIVDDEPDIRELLEITLGRMKLDTRSARNVKEARELLAREPFDLCLTDMRLPDGSGLDLVQYIQQRHPQTPV   78
consensus                                              *!*!!!! !***!* *!!*!!**** *! ** *!**!*** **!*!!!!**!!!!*!**!!  * * *!*!!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        AVLTAYGNMDIAIAALKAGAFDFVSKPVNQVHLDQLLQKALNRQKVEHDT..TENALENKLLIGRSLPIQQLRIAIKKIA  158
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  AMITAFGSMDLAVEALKAGAFDFVSKPVDIGVLRGLVKHALELNNRDRPAPPPPPPEQASRLLGDSSAMESLRATIGKVA  159
NTDB id 1473 PAKAF RS24000 WP 003094694.1       AMITAYGSLDTAIQALKAGAFDFLTKPVDLGRLRELVATALRLRNPEAEEA.....PVDNRLLGESPPMRALRNQIGKLA  153
consensus                                        !**!!*!**!*!* !!!!!!!!!**!!!*** !* !*  !! *** * *          *!*!*! **  !!  !*!*!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        RSQAPVFVTGESGTGKEVVANLVHRLSNRSEGPFIAINCGAIPTELMESELFGHKKGSFTGATQDKQGLILSAHGGSLFL  238
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  RSQAPVYIVGESGVGKELVARTIHEQGARAAGPFVPVNCGAIPAELMESEFFGHKKGSFTGAHADKPGLFQAAHGGTLFL  239
NTDB id 1473 PAKAF RS24000 WP 003094694.1       RSQAPVYISGESGSGKELVARLIHEQGPRIERPFVPVNCGAIPSELMESEFFGHKKGSFTGAIEDKQGLFQAASGGTLFL  233
consensus                                        !!!!!!**!!!!*!!!*!!***!*** ! **!!***!!!!!!*!!!!!!*!!!!!!!!!!!  !!*!!***!*!!*!!!

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        DEIAELPLSMQVKLLRAVQEKKIRPVGSDQEIDVDFRVISASHQDLDLLVRQGKFRQDLFFRIHVMDLILPPLRERGEDV  318
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  DEVAELPLQMQVKLLRAIQEKSVRPVGASSESLVDVRILSATHKDLGDLVSDGRFRHDLYYRINVIELRVPPLRERGGDL  319
NTDB id 1473 PAKAF RS24000 WP 003094694.1       DEVADLPMAMQVKLLRAIQEKAVRAVGGQQEVAVDVRILCATHKDLAAEVGAGRFRQDLYYRLNVIELRVPPLRERREDI  313
consensus                                        !!*!*!!* !!!!!!!!!*!!! *!*!!* *!* !!*!***!*!*!!* *!  !*!!*!!**!**!**!**!!!!!!**!*

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        LLLANHFIQKICMEWETPPKQLTEAAETYLLQQHFPGNVRELRNMIERAITLSEDATIDISHLHPAPLRA.NISNPFASA  397
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  PQLAAAIIARLAHSHGRPIPLLTQSALDALNHYGFPGNVRELENILERALALAEDDQISATDLRLPAHGGHRLAVPNGGA  399
NTDB id 1473 PAKAF RS24000 WP 003094694.1       PLLAERILKRLAGDTGLPAARLTGDAQEKLKNYRFPGNVRELENMLERAYTLCEDDQIQPHDLRLADAPGASQ.......  386
consensus                                        **!!  ** *** * * !   !!  ! * ! ** !!!!!!!!*!**!!!**! !!**!  **!***   *  *  * * *

logo
NTDB id 1045 HON27 RS16330 WP 168727019.1        AQSIQTTVAAPQAVKKLPSEGLERYLENIEKDILLNALNMTHWNRTLAAKKLGMTFRSLRYRLKKFGLDTETEQEV  473
NTDB id 1072211 GEV1001 RS08115 WP 046931914.1  AAE....PREAVVDIDPASAALPSYIEQLERAAIQKALEENRWNKTKTAAQLGITFRALRYKLKKLGME.......  464
NTDB id 1473 PAKAF RS24000 WP 003094694.1       ..E....GAASLS....EIDNLEDYLEDIERKLIMQALEETRWNRTAAAQRLGLTFRSMRYRLKKLGID.......  445
consensus                                        * *      ** *      ***!* !*!**!* ****!!****!!*! *!  *!!*!!!**!!*!!!*!**
```

X non conserved

X similar

X ≥50% conserved