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logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  MLVELSIKHFAIIDELTIPFEKGLTVLTGETGAGKSIIIDAIGLLLGGRGSAEFVRHGEKRAEIEGLFSIENHHPVIRKAQELGI   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVCAEQGI   85
consensus                                   !! !!!!!*!!!!*!!!**!!*!!!!!!!!!!!!!!!!!!! !!*!!!!! !!!!*!! *!!*!!!! *! *!!!*  * ! !!

logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  DVQDDMFVLRRDITAQGKSICRINGKLVTLGILREIGGGLVDIHGQHEHQALLQAEHHLGMLDSYAKSDLAQAKAEYKSIFERAS  170
NTDB id 352 BSU 24240 NP 390304.2           DVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRYV  170
consensus                                   !! !*! !*!!!!*  !!!*!!*!!!!!!** !!!!!  !*!!!!!!**! !*  !*!! *!! *!  **  !   !   * !

logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  ALEKQVKHLSHNEQEMAQRIDLLTYQLKEINEAKLEPEEDRLLTEERFKLANSEKLFQSLNDSYGNLYGDGKGLDYLMNAMMHLE  255
NTDB id 352 BSU 24240 NP 390304.2           KLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQLE  255
consensus                                    ! ! *!*!!* !!!!!*!*!!* *!! !!  !!!!* !!  ! !!!  * ! !!** !!*  !  !  *  !!!**  !  *!!

logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  EAASVDKNLAPLHESISNCYYLIEESTFTIRDQVDGVEFDPNRLDFIESRLNDIQRLKRKYGENVEDILEYASKIEEELDTILHK  340
NTDB id 352 BSU 24240 NP 390304.2           DISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIENR  340
consensus                                   *   *  *! ***!!*!!*!!!*!* !! *!  *! *!!!! !! *!!*!!!*!  !!!!!!  !!!!!!!!!!!!!!*! ! **

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NTDB id 36142 BPOF4 RS12975 WP 012959642.1  DDRVLQLQQELDTVWKDVYVEGKNYTQIRKTWAKKLTKEIHRQLKSLYMEKTVMDTRIKVR..SRTKSSPTVNGQQVQLTPQGMD  423
NTDB id 352 BSU 24240 NP 390304.2           DSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGID  425
consensus                                   ! **  !  !!!*  *!* !!*  ** !!!  !!*!   !!* !! !!!!!* !   ******    ! * ! *!   * !*!

logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  QVEFYLSTNPGEPMKPLSKTASGGELSRIMLALKSIFQTHQQITSVIFDEVDTGVSGRVAQAIAERIHAIAMGSQVLCITHLPQV  508
NTDB id 352 BSU 24240 NP 390304.2           LVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQV  510
consensus                                    ! ! *!!!*!!!*!*!!!  !!!!!*!!*!!!*!!!! **! *!!*!!!!!!!!!!!!!!!!!!!*!! * *!!!!!!!!!!!!!

logo

NTDB id 36142 BPOF4 RS12975 WP 012959642.1  AAMADTHLYIAKHEKEDRVHTSVTPLELDEKVDEIARMISGVEVTDLTKQHARELLDLAEQLKEPH  574
NTDB id 352 BSU 24240 NP 390304.2           AAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG  576
consensus                                   !!!!!!!!!!!!* !* ! *! ! !!   !!! !!*!!! !!!!!!!!! !!*!!!  !*!*! **
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X non conserved
X similar
X $\geq$ 50% conserved