```
logo
NTDB id 63490 U719 RS04665 WP 023467587.1  MLAELSIKQFAIIDELQIDFKKGMTVLTGETGAGKSIVLDAIGLLIGGRGSAEFVRYGEDRAELEGLFLIEDDHLVYDLAEEYGI   85
NTDB id 352 BSU 24240 NP 390304.2          MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVCAEQGI   85
consensus                                  !!!!!!!!*!!!!*!! * ! *!*!!!!!!!!!!!!**!!! !!*!!!!! !!!!!!! *!!!!!!!!*!  !*!  ** ! !!

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  DIEDGLIILRRDLFATGKSVCRVNNKLVTLTILREFGRVLVDMHGQHEHQHLMDSTYHQAILDDFAQETIAPLLQAYQSGYQAYE  170
NTDB id 352 BSU 24240 NP 390304.2          DVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRYV  170
consensus                                  !* ! *!**!!!*  *!!!!!!!! !!!!* !!! !!*!*!*!!!!**!*!!*   !  *!! !!   * * !  !! !!! !

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  EKRTALQSLAQSEQELAQRIDLLSFQTEEIEGAKLRAHEEDELLVERNRLANFEKLYASLKTAYDALHDEMRGIDSVGDAMRELQ  255
NTDB id 352 BSU 24240 NP 390304.2          KLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQLE  255
consensus                                        !  !  !!!!*!*!*!!* !! !!!! !!!  *!** !  !!* * !!!!*! !!  !! !!* !  !*! !! !   !

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  QASSIDEQFSQQSDAIASAFYGLEEVGYAIRDQLETLEFDSNRLDEIEQRLSVFQQLKRKYGATIEEVIAYGEKIRVELDTMTNR  340
NTDB id 352 BSU 24240 NP 390304.2          DISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIENR  340
consensus                                    ! ! !*    !* *   *! !!*  * *!  !* !!!!* !!  !! !!    !!!!!!!!!*!*** !* !!  !*! * !!

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  DERIERLKAEVEQLEGELFEIGGRLSQQRRKAAVQLSEAIHLELRELYMEKARFEIRFL............QDGKIPMLRKNGID  413
NTDB id 352 BSU 24240 NP 390304.2          DSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGID  425
consensus                                  ! **  !! !** *  **   ** *!! !*  !  ! * !! !!* !!!!!  !*  ! ************  ! ** !  *!!!

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  QVEFFIMTNAGEPFKSLGKVASGGELSRIMLGLKSIFSRSVGVASIIFDEVDTGVSGRVAQAMAEKIYRLSVDGQVLCITHLPQV  498
NTDB id 352 BSU 24240 NP 390304.2          LVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQV  510
consensus                                   ! ! ! !! !!! !!! !!!!!!!!!!*!!**!!!!!    ! !!!!!!!!!!!!!!!!!!*!!!!***!*  !!!!!!!!!!!

logo
NTDB id 63490 U719 RS04665 WP 023467587.1  ASMADQHLYIRKIEETDRTTTQVNVLSQSDRGNELGRMISGAHMTDLTLRHAEELMDQAKTMKESLKNGV  568
NTDB id 352 BSU 24240 NP 390304.2          AAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTIG....  576
consensus                                  ! !!! !!!! !     !!!! ! *!!  **  !*!!!! ! **!!!! !!! !!* !!  *! * ****
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X non conserved
X similar
X $\geq$50% conserved