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logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  MLTELSIQDFAIIDNLSITFNDGLTVLTGETGAGKSIIIDAVQLLAGGRGSVEYVRHGTNRAEIEGLFTLDSNTHQIYKT   80
NTDB id 352 BSU 24240 NP 390304.2              MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGH.PVLGV   79
consensus                                      !! !!!!  !!!!* !***!  !!!!!!!!!!!!!!!!!!* !! !!!!! !*!!*!  *!!*!!!! !*! ****

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  AELYGINIQDEMVVLHRTITSGGKSICRVNGKLVTLAILKEFGKNLIDIHSQHETQSLLNADNHIQLLDLYDVKRITKTK  160
NTDB id 352 BSU 24240 NP 390304.2              CAEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                      *   !! * !!!*!**! !** !!!*!!!!!!!!!*! !*! !* !*!!! !!* ! !*  *!!*!!!! *    *

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  EEYANLYHKLSGLQKRYKELSENEQEISQRLDLLKFQKNEIEQANLVPDEDDQLEEERSQLANFERIYNGLQDAYNALYG  240
NTDB id 352 BSU 24240 NP 390304.2              KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                        !   !**   ! !* ! !!! !!!* *!!!!* !!  !!! ! ! * !!*!! !!! !* !!!*!!  !! !!!!!

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  EQKGLEWLNIANQALQTSSEYDTFISEKSEEMSNHYFLIEELMYELRNYTDTLEYDPERLNEIESRLNEINRLKKKYGQT  320
NTDB id 352 BSU 24240 NP 390304.2              EQGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGAT  319
consensus                                      !! !!*!* *!   !   !*   **   !! *!!*!*!*!*  * *!!  ! !!*!!!!!! !!*!!!!!  !!*!!! !

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  VNDILEYLGKIEEELEEITNKDSHLSKLEKQIDEIYHDAYLEAKELHDLRRKAAESLTHNIHNELKDLYLEKSSFSVSFN  400
NTDB id 352 BSU 24240 NP 390304.2              VEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFK  399
consensus                                      ! !!!!!  !!!!!** ! !*!!!!  ! ! *! * *!  *!!  ** *!*  !  ! * !! !!! !!*!!!*!   !

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  TSNK.........AGEYPKLHQNGFDFIHFQISTNPGEPLKPLHKVASGGELSRIMLALKGIFAKDQGITSVIFDEVDTG  471
NTDB id 352 BSU 24240 NP 390304.2              VRTASRNEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTG  479
consensus                                          ********* ! ** !* *! ! **! !!!!*!!!!!*!*!!!!!!!!!!*!!!*! !!    ! *!!*!!!!!!!!

logo

NTDB id 345042 Len3610 RS06415 WP 176447221.1  VSGRVAQAIAEKIQQISTQSQVLCITHLPQVAAMSDTHKLIQKHENNNRTSTSVVGLSENEKINELGRMITGTQLTNTAK  551
NTDB id 352 BSU 24240 NP 390304.2              VSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTK  559
consensus                                      !!!!!!!!!!!!!* *!  !!!!!!!!!!!!!!!! !!!  ! !*    !!*! ! *!! *!!* !*!!!! !  *!   !
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logo                                                  RHATELLKQASQYKTTI
                                                      DHAKELLELADKVKKIG

NTDB id 345042 Len3610 RS06415 WP 176447221.1         DHATELLELASKYKKTI   568
NTDB id 352 BSU 24240 NP 390304.2                     RHAKELLKQADQVKTTG   576
consensus                                              !! !!!  !   ! !
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X non conserved

X similar

X $\geq$ 50% conserved