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logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  MIHELTIRNFAIIKHTTISFGHGLNILTGETGAGKSIIIDALGQLLGDRSSAELIRYGEKRAEIEGLFECKPGHPAYAVC   80
NTDB id 352 BSU 24240 NP 390304.2            MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVC   80
consensus                                    !**!!*!*!!!!! * !*!! *!! *!!!!!!!!!!!!!!!*  !*! ! ! ! *!!!! *!!*!!!! * *!!!  *!!

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  ESFGIQVDPDGILVVRRDISSTGKSIIRVNGQLITLAMLRELGPWLVNVHGQHDHQALMQSDKHIRWLDAYGESRLAGTK  160
NTDB id 352 BSU 24240 NP 390304.2            AEQGIDVSD.EMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                       !! ! ** **!*!!!!!**!!!**!!!! !*!*! !!!*!* !* *!!!!!*! !!  * !*  !! **   *

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  QEFSHLYQKYRKAVQDLSRMAKNEREIMQRIDLLSYQLNEIEAAKLIPGEDEKLMQQRKKWANIEKIFAGVQDAYMSLYG  240
NTDB id 352 BSU 24240 NP 390304.2            KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                     * * !!*! ! *  !  *   ! !* *!*!!* *!! !!! !!! * !!! !   !    ! !!!*  *! !!  !

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  DQRGQDWLGHAMGELERVQQYDEQLVPIVETIQSAYYQVEDTVQQLRHIKDRLDFDPAILAEVEGRLDQLSGLKRKYGKS  320
NTDB id 352 BSU 24240 NP 390304.2            EQGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGAT  319
consensus                                    *! ! !!*!*! * !! *    !*! ** !**   !! *!!   !*!** ! !*!!!  !  *! !!  *  !!!!!! *

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  VDEILEYAAGIQDELDEIQHYDDRLQQMEKTLREAEADVAIEALELSTLRRELAVELANLIEHELKELHMERARFAIEIK  400
NTDB id 352 BSU 24240 NP 390304.2            VEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFK  399
consensus                                    !**!!!!!  ! *!*! ! * ! *!! * ! !    !!!*!!  *! *!*  !  !!  !**!!! !*!!*  !  ! !

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  HIPDE...RGIEVEGNRVRVSSRGIDEIEFLIAPNPGEPLRPLTKIASGGELSRVMLAIKSILATTEQVGTLIFDEVDTG  477
NTDB id 352 BSU 24240 NP 390304.2            VRIASRNEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTG  479
consensus                                    * *  *** ** ! !**! **  !!! * !!! *!*!!!!**!*!*!!!!!!!!!!!!!!!!  *   ! **!!!!!!!!

logo

NTDB id 319125 D8Z77 RS14740 WP 003343898.1  VSGRAAQAIAEKLARVAKHRQVLCITHLPQVASMADAHFYIQKQMDEQETSTTVVLMSSEERVNELARMLGGAEVTEKTK  557
NTDB id 352 BSU 24240 NP 390304.2            VSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTK  559
consensus                                    !!!! !!!!!!!***!  * !!!!!!!!!!!! !!! ! !! ! * *  !*! ! **!  !*! !**!!**! !!!* !!
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logo                                                  RHAKEMLLQGEQVKTVN
                                                      EHAKELTKLADERKATG
NTDB id 319125 D8Z77 RS14740 WP 003343898.1           EHAKEMILLGEERKAVN   574
NTDB id 352 BSU 24240 NP 390304.2                     RHAKELLKQADQVKTTG   576
consensus                                              !!!!**  **  !
```

X non conserved

X similar

X $\geq$ 50% conserved