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logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  MLRELSIRNFAIIEDLTVSFSEGLTVLTGETGAGKSIIIDAVHLLAGGRGNTEFIRHGARKAELGGLFQISNSTHPVLKK   80
NTDB id 352 BSU 24240 NP 390304.2              MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLL.ESGHPVLGV   79
consensus                                      !! !!!!*!!!!!!*!!!!!  !!!!!!!!!!!!!!!!!!!**!! !!!! *!!*!*!  !!!! !!! ** ! !!!!

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  LEEAGIEIEEDTVILRRDLNDSGKSICRVNGKLVPLSVLREIGGSLIDIHGQHENQELMDEKQHINLLDQFAEDQLQPVQ  160
NTDB id 352 BSU 24240 NP 390304.2              CAEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                      * ! !!** ** ***!!!*  !!!!*!!!!!!!!**  !!!!!  !*!!!!!!*!! !!** *!**!!! !!   * *

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  KTYSEQYEEYRLLKKDLASISIDEQLMAQRIDLYQFQIKEIEEANLRLGEEDELLDERRRLMNYNKIFERSSAAYEAIQG  240
NTDB id 352 BSU 24240 NP 390304.2              KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                      !!! ! !  !  ! ! !  *!  !! !!*!*!! !!!* !!! ! ! ! !** ! *!!  * !* !!*!    !! !*

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  ESKGLDWIGNAMGALDDAATVDEQFKEASEAVTTAFYALQDAAYQVKNVLDELEFDPARLNEVEQRLALFQNLKRKYGST  320
NTDB id 352 BSU 24240 NP 390304.2              EQGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGAT  319
consensus                                      !  !!!!*! ! * !*!   * !* !  !! !*  *! ! !! *!**!*!!!!!!!! !!! *! !!    *!!!!!! !

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  VEDILAYFEKIKTELNELLNRDEILQVKERRVHEMESVLNELAAELSTVRKAAAQQLSEAIMAELRELHMEKAKFIVNFE  400
NTDB id 352 BSU 24240 NP 390304.2              VEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFK  399
consensus                                      !!!!! !  !!  !*  * !!! *!!   * ** *   *   !! *! *!!  !  ! * !* !!* !*!!!  !   !

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  EL........P.......YFDANGKDQIIFYISTNVGEPPKSLPKIASGGELSRMMLALKTIFSSSNGITSIIFDEVDTG  465
NTDB id 352 BSU 24240 NP 390304.2              VRTASRNEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTG  479
consensus                                        ********!*******    *! ! * ! !!!! !!!*!!!*!*!!!!!!!!*!!!*!*!!!! * *!!!!!!!!!!!

logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1  VSGRVAQAIAEKIAAVSINSQVLCISHLPQVAAMADTHHYFIKKEVEHDRTFTSLSEIDQKARIEEVSRMMSGTEITALTL  545
NTDB id 352 BSU 24240 NP 390304.2              VSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTK  559
consensus                                      !!!!!!!!!!!!!* !!! !!!!!!*!!!!!!!!!!!*! *! !!* * !! ! * **    ** !* !!* ! !*! !!
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logo

NTDB id 1102542 ACM641 RS09035 WP 418302533.1   QHATELLTMAEERKKQMR   563
NTDB id 352 BSU 24240 NP 390304.2               RHAKELLKQADQVKTTG.   576
consensus                                        !! !!!  !*  !   *
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X non conserved
X similar
X ≥ 50% conserved