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logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  MLRELSIRNFAIIEDLTVSFSEGLTVLTGETGAGKSIIIDAVHLLAGGRGNTEFIRHGARKAELGGLFQISNSTHPVLKKLEEAG   85
NTDB id 352 BSU 24240 NP 390304.2          MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLL.ESGHPVLGVCAEQG   84
consensus                                  !! !!!!*!!!!!!*!!!!!  !!!!!!!!!!!!!!!!!!!**!! !!!! *!!*!*!  !!!! !!! ** ! !!!!  * ! !

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  IEIEEDTVILRRDLNDSGKSICRVNGKLVPLSVLREIGASLIDIHGQHENQELMDEKQHINLLDQFAEEQLLPIQKTYSEQYEEY  170
NTDB id 352 BSU 24240 NP 390304.2          IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY  169
consensus                                  !** ** ***!!!*  !!!!*!!!!!!!!**  !!!!!  !*!!!!!!*!! !!** *!**!!! !!   * *  !!! ! !  !

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  RMLKKDLASISIDEQLMAQRIDLYQFQIKELEEANLRLGEEDDLLDERRRLMNYNKIFERSSAAYEAIQGESKGLDWIGNAMGAL  255
NTDB id 352 BSU 24240 NP 390304.2          VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL  254
consensus                                    ! ! !  *!  !! !!*!*!! !!!* !*! ! ! ! !** ! *!!  * !* !!*!    !! !*  !  !!!!*! ! * !

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  DDAATVDEQFKEASEAVTTAFYALQDAAYQVKNVLDELEFDPARLNEVEQRLALFQNLKRKYGSTVEDILAYFEKIKIELNELLN  340
NTDB id 352 BSU 24240 NP 390304.2          EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                  *!   * !* !  !! !*  *! ! !! *!**!*!!!!!!!! !!! *! !!    *!!!!!! !!!!!! !  !!  !*  * !

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  RDEILQVKERRVLEMESVLNELAAELSTVRKAAAQQLSEAIMAELRELHMEKAKFIVNFEEL...............SYFDANGK  410
NTDB id 352 BSU 24240 NP 390304.2          RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                  !! *!!   * *  *   *   !! *! *!!  !  ! * !* !!* !*!!!  !   !   ***************     *!

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  DQIVFYISTNVGEPPKSLPKIASGGELSRMMLALKTIFSSSNGITSIIFDEVDTGVSGRVAQAIAEKIAAVSINSQVLCISHLPQ  495
NTDB id 352 BSU 24240 NP 390304.2          DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                  !  * ! !!!!  !!!*!!!*!*!!!!!!!!*!!!*!*!!!!  * *!!!!!!!!!!!!!!!!!!!!!!!!!!* !!!  !!!!!!*!!!!

logo
NTDB id 30084 BSPH RS16325 WP 012295054.1  VAAMADHHYFIKKEVEHDRTFTSLSEIDQKARIEEVSRMMSGTEITALTLQHATELLTMAEERKKQMR  563
NTDB id 352 BSU 24240 NP 390304.2          VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG.  576
consensus                                  !!!!!!*! *! !!* * !! ! * **    ** !* !!* ! !*! !!   !! !!!   !*  !   *
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X non conserved
X similar
X $\geq$50% conserved