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logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  MLSELSIRNFAIIEALNISFQKGLTVLSGETGAGKSIIIDAISLLVGGRGSAEFVRYGTEKAEIEGLFYVEDDKHPCIEKAEELD   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLES.GHPVLGVCAEQG   84
consensus                                   !! !!!!*!!!!!! ! *!! *!!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!  !!!*!!!! *! * !!**  * !

logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  IEIEDGMILKRDIAANGKSVCRVNGKLVTLSVLKEIGKTLVDIHGQHETQDLMNEERHLFMLDHFDGERIVKQLDIYQNVYADY  170
NTDB id 352 BSU 24240 NP 390304.2           IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY  169
consensus                                   !** ! !!***!!!   !!!!!!!!!!!!!* !*!!!* !*!!!!!!* ! !! *! !! *!!*! !  *   !  !!  !  !

logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  EKLKKQLKSLSENEQQMAHRLDLIQFQHEEIRKADLKMDEENNLTEERLQISNFEKIYKALGDAYRSLSADGQGLDNVRSAMGQM  255
NTDB id 352 BSU 24240 NP 390304.2           VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL  254
consensus                                    !! ! !! !!! !! !!!!!!!!!!!*!!!  ! ! * !* *! !!! !!!!!!!!! ! !! ! * !!! ! ! *!*

logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  ESITHLDEVYQENHDSIANSYYLLEEVAYQLREKLDMMEYDPNRLDEIETRLNEIRMLKRKYGNTVEEILAYADKIEQEIFTIEN  340
NTDB id 352 BSU 24240 NP 390304.2           EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                   ! !*** !*    **!* !!!!!!!*  *!*!  !! *!*!! !!  !!!!!!!!* !!!!!! !!!*!! !! !!! !!  !!!

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NTDB id 130047 AW20 RS21420 WP 000947756.1  KDVHIEITKKQLKELESVILKEATLLSNMRHELAEHLTNAIHQELKELYMEKTKFEVRIIK..REGNAEEPLVEGAPVRLTADGY  423
NTDB id 352 BSU 24240 NP 390304.2           RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                   *! !* * !! !  *   *  !!  *!**!*  ! *!   !! !!! !!!!!* !*     **   ! ! !!! ! !! !!  !

logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  DHVEFYISTNPGEPLKPLSKVASGGELFRIILALKSIFSKHQGVASVIFDEVDTGVSGRVAQAIAEKIYRVSVNSQVLCITHLPQ  508
NTDB id 352 BSU 24240 NP 390304.2           DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                   !*! ! !!!!*!!!!!*!!!!!!!!!! !**!!*!!!!! *! ! !*!!!!!!!!!!!!!!!!!!!!!!**!!* !!!!!!!!!!!

logo

NTDB id 130047 AW20 RS21420 WP 000947756.1  VASMADSHLFIRKQVANDRTITSVTVLTMEDKVTEIARMISGVEITDLTTEHAKELLTQAHHFKQTAEAIQ  579
NTDB id 352 BSU 24240 NP 390304.2           VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG....  576
consensus                                   !! !!!*!!*! ! *   !! ! ! *!*  *!! !!*!!! !!!*!!!!  !!!!!! !!** ! !*****
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X non conserved
X similar
X $\geq$ 50% conserved