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logo

NTDB id 125372 GZ22 RS08575 WP 038561170.1  MLTELSIKDFAIIDQIRIHFKEGLTVLTGETGAGKSIVIDAVQLLSGGRGSVEFIRHGQKKAELEGLFIIDSPDHPIYAIGAQFG   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLES.GHPVLGVCAEQG   84
consensus                                   !! !!!!! !!!!* * **!  !!!!!!!!!!!!!!!*!!!* !! !!!!! !!*!*!  !!!!!!!!***!* !!* ***!  !

logo

NTDB id 125372 GZ22 RS08575 WP 038561170.1  VDIDDGMVVLERTMTTSGKSICRVNGKLVTLAILREFGKSLIDIHTQHETQSLMDADKHIELLDLYDAEAIGKAREAYMLQFKEL   170
NTDB id 352 BSU 24240 NP 390304.2           IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY   169
consensus                                   *!* ! !*!* ! **!!!!!*!!!!!!!!!*! !!! !* !*!!! !!* ! !!* * !* !!! * *  *  !   !   *

logo

NTDB id 125372 GZ22 RS08575 WP 038561170.1  QKLKKRYKEWNTNEQEMAQRLDLLKFQYNELKEAELQPGEDEQLTEERTKLMNYERIYQSLHDAYNALYGEQKGLDWVGHALASL   255
NTDB id 352 BSU 24240 NP 390304.2           VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL   254
consensus                                    !! !* !     !!!!!*!!!!* !!  !*  ! ! * !!!!! !!!   * !*!*!! !!* !!!!!  !! !!!!!!*! ! !

logo

NTDB id 125372 GZ22 RS08575 WP 038561170.1  ESASSYDDDIQKHHQMISEQYYLMEDLTFQLSSQLDSLSYNPERLNEIEMRLNEISRLKKKYGQSVEEILEYAASIEDQIDQIQN   340
NTDB id 352 BSU 24240 NP 390304.2           EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN   339
consensus                                   !  !   *** !**  *!  !!!*!! !!!*   !! ! * !!!!! !! !!!!!  !!*!!! *!!*!!!!!  !!* !!!! !

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NTDB id 125372 GZ22 RS08575 WP 038561170.1  RDSHIHQLEQQIEDLGEDAMLEAKQLHDLRVQAAVQLTDAIHEELKDLYLEKARFHVDVQLK..NGNSGDPEMNGKPVQLTADGF   423
NTDB id 352 BSU 24240 NP 390304.2           RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI   424
consensus                                   !!!!** !   ** *! !  *!! *** *!   !  ! ! !! !!! !!*!!  !* *  ****  !   ! *!! !!!!!  !

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NTDB id 125372 GZ22 RS08575 WP 038561170.1  DAITFHISTNPGEPLKELHKVASGGELSRIMLALKRIFSRHQGVTSVIFDEVDTGVSGRVAQAIGEKIYGISVGSQVLCITHLPQ   508
NTDB id 352 BSU 24240 NP 390304.2           DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ   509
consensus                                   ! * !*!!!!*!!!!! !*!!!!!!!!!!*!!!*! !!! *! !!!*!!!!!!!!!!!!!!!!!*!!!* *!*!!!!!!!!!!!!

logo

NTDB id 125372 GZ22 RS08575 WP 038561170.1  VASMADTHLLIEKHVENNSTHTSVTELGQDTAVEEISRMMTGTVLTEKTKEHARELITLAGQYKQS.   574
NTDB id 352 BSU 24240 NP 390304.2           VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG   576
consensus                                   !! !!!!!! ! !**    !*! ! *!     ! !! !!* !  *!* !! !!*!!*  ! ! ! **
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X non conserved
X similar
X $\geq$ 50% conserved