```
logo
NTDB id 46124 OG1RF RS03715 WP 002413592.1  MLQELSVKNFAIISSLQLEFQMGMTVLTGETGAGKSIIIDAMGLLTGGRGSSDYIRQGANKCTLEGLFLMPKSQELKQLLEELGI   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVCAEQGI   85
consensus                                   !! !!!*!!!!!!  ! * !  !*!!!!!!!!!!!!!!!!* !! !!!!!***! !  !* !!!!!**  ***  ** ! !!

logo
NTDB id 46124 OG1RF RS03715 WP 002413592.1  ETEEDSLVIQRDISASGKNVCRVNGRIVNITNLKRIGEYLVDIHGQNEHQELMQSERHIDMLDEFGGKKLLAVKEKYTQAYQEYR  170
NTDB id 352 BSU 24240 NP 390304.2           DVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRYV  170
consensus                                   *  ** *!* !!!! !!! !!!!!!**! !  !* !!  !*!!!!!***! !!  ! !* *!! !*!  *       !  *!! !

logo
NTDB id 46124 OG1RF RS03715 WP 002413592.1  ALLEAKVRKRQKNEKEFAQRMDMLHFQSDEIASAQLVAGEEEQLLEERNKLNNFQKIADALTISYAALNGEDDSSLDKIGTSMNEL  255
NTDB id 352 BSU 24240 NP 390304.2           KLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQ.GGLDWVGMASAQL  254
consensus                                    !  !**     ! ! !*!*!***!! *!! !! !   !*!!! !!!* * !! !! * !   ! !!  ! *  !! *!      !

logo
NTDB id 46124 OG1RF RS03715 WP 002413592.1  ASIESLDPEYKSLSDTVQNAYYLLQEASGDLSRLIDGLELDEGRLNEVENRLELIRQMKRKYGDSIETILSYYEEITKELAEADF  340
NTDB id 352 BSU 24240 NP 390304.2           EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                     !  * ** ! *!**! ! !!!! *!*  *  **! !! !* !!! *! !!  !*!*!!!!! **! !! !   !  !*   *

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NTDB id 46124 OG1RF RS03715 WP 002413592.1  LEGGTGDLEALLAEKQQAAHQQALALRKERKRLAKELEQQILTELKELYLERTEFEVRFTE...............LEHLQENGL  410
NTDB id 352 BSU 24240 NP 390304.2           RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                    * *   !   !       *  !  *   !!  !! !   !* !!! !!*!** !*  !  ***************** *! !*!*

logo
NTDB id 46124 OG1RF RS03715 WP 002413592.1  DGVEFYITTNPGEPLKPLVRVASGGELSRVMLAMKTIFSQTQGITSIVFDEVDTGVSGRVAQAIADKIYQISENSQVLCITHLPQ  495
NTDB id 352 BSU 24240 NP 390304.2           DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                   ! ! ! !*!!*!!!!!*! *!!!!!!!!!!!!!*!*!!!  ! *!!!*!!!!!!!!!!!!!!!!!!*!!* *!  !!!!!!!!!!!

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NTDB id 46124 OG1RF RS03715 WP 002413592.1  VAAVADEHYFIEKEIVAGRTETSVRILSEKERVNEIARMLAGSEITKLTIEHAQELLAMAKK.....  557
NTDB id 352 BSU 24240 NP 390304.2           VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG  576
consensus                                   !!!*!! ! *! !!*  !!! ! !**!!  !*! !!*!!*!! !*! !!  !! !!!  !  *****
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X non conserved
X similar
X $\geq$ 50% conserved