```
logo
NTDB id 90874 EFK4 RS03760 WP 002386195.1  MLQELSVKNFAIISSLQLEFQMGMTVLTGETGAGKSIIIDAMGLLTGGRGSSDYIRQGANKCTLEGLFSMPKSQELKQLLEELGI   85
NTDB id 352 BSU 24240 NP 390304.2          MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVCAEQGI   85
consensus                                  !! !!!*!!!!!!  ! * !  !*!!!!!!!!!!!!!!!!!* !! !!!!!!***! !  !* !!!!! **  ***  ** ! !!

logo
NTDB id 90874 EFK4 RS03760 WP 002386195.1  ETEEDSLVIQRDISASGKNVCRVNGRIVNITNLKRIGEYLVDIHGQNEHQELMQSERHIDMLDEFGGKKLLAVKEKYTQAYQEYR  170
NTDB id 352 BSU 24240 NP 390304.2          DVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRYV  170
consensus                                  *  ** *!* !!!! !!! !!!!!!**! !  !* !!  !*!!!!!***! !!  ! !* *!! !*!  *      !  *!! !

logo
NTDB id 90874 EFK4 RS03760 WP 002386195.1  ALEAKVRKRQKNEKEFAQRMDMLHFQSDEIASAQLVAGEEEQLLEERNKLNNFQKIADALTISYAALNGEDDSSLDKIGTSMNEL  255
NTDB id 352 BSU 24240 NP 390304.2          KLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQ.GGLDWVGMASAQL  254
consensus                                   !  !**     ! ! !*!*!***!! *!! !! !   !*!!! !!!* * !! !! * !   ! !!  ! *  !! *!     !

logo
NTDB id 90874 EFK4 RS03760 WP 002386195.1  ASIESLDPEYKSLSDTVQNAYYLLQEASGDLSRLIDGLELDEGRLNEVENRLELIRQMKRKYGDSIETILSYYEEITKELAEADF  340
NTDB id 352 BSU 24240 NP 390304.2          EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                    !  * ** ! *!**! ! !!!! *!*  *  **! !! !* !!! *! !!  !*!*!!!!! **! !! !   !  !*   *

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NTDB id 90874 EFK4 RS03760 WP 002386195.1  LEGGTGDLEALLAEKQQAAHQQALALRKERKRLAKELEQQILTELKELYLERTEFEVRFTE...............LEHLQENGL  410
NTDB id 352 BSU 24240 NP 390304.2          RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                   * *   !   !       *  !  *   !!  !! !   !* !!! !!*!** !*  !  ***************  *! !*!*

logo
NTDB id 90874 EFK4 RS03760 WP 002386195.1  DGVEFYITTNPGEPLKPLVRVASGGELSRVMLAMKTIFSQTQGITSIVFDEVDTGVSGRVAQAIADKIYQISENSQVLCITHLPQ  495
NTDB id 352 BSU 24240 NP 390304.2          DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                  ! ! ! !*!!*!!!!!*! *!!!!!!!!!!!!!*!*!!!   ! *!!!*!!!!!!!!!!!!!!!!!!*!!* *!  !!!!!!!!!!!

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NTDB id 90874 EFK4 RS03760 WP 002386195.1  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