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logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  MLAELTIKNFAIIEELTVSFEKGLTVLTGETGAGKSIMIDAVSLLVGGRGSSEFVRYGEKKAELEGLFLVPAADHPVFALCEEQG   85
NTDB id 352 BSU 24240 NP 390304.2           MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLE.SGHPVLGVCAEQG   84
consensus                                   !!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!  !!!!!!!!!***   !!!  **!  !!!

logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  IDATDEMMILRRDINNNGKSICRINGKLVTISLLREVGRLLLDIHGQHDNQLLMEDENHLHLLDQFGAEEIAPALSQYQEAYEQY   170
NTDB id 352 BSU 24240 NP 390304.2           IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY   169
consensus                                   !! *!!!***!!!!   !!!*!!*!!!!!!!  !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! !** !* *!!  !!!*!   !

logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  TKTAQKLKQLSENEQEMVHRLDLLQFQLEEIEAAQLEPGEDEKLQEERHQISNYEKIFSSLQNAYNALRNEQGGLDWVGMSSSEL   255
NTDB id 352 BSU 24240 NP 390304.2           VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL   254
consensus                                    !   !!!!!!! !!!! !!!!!*!!!!!!!! ! !!* !!! !!!!!*!!!!*!!!* !!!!!!!!!! !!!!!!!!!! !   !

logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  EQVSEINDDLKKLSEQVSNSYYLLEDSTFQMRSMLDQLEFDPARLDFIESRLNEMKQLKRKYGTTVEEILEYAAKIEEEIDQIQN   340
NTDB id 352 BSU 24240 NP 390304.2           EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN   339
consensus                                   ! *!*!!**!!!*!! !!!!!!!!!! !!!!! !!! !!!!! !! *!!*!!!!*!!!!!!!! !!!*!!!!! !!!!!!!!! !

logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  RDSHLQTLKNKLDAMSRDALLEALNVSELRKKWAKKLAKQIQTELKDLYMEKSTFDTSFSIRYAPFSSTDNPLLDGKPVQLGKNG   425
NTDB id 352 BSU 24240 NP 390304.2           RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASR.NEEAPLVNGQPVQLTEQG   423
consensus                                   !!!!!!*!!  !! * *!  *!! !!! *!! !!!!!!  !* !!! !!!!!!!!!! ! *! !* *  * !!* ! !!!!  *!

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NTDB id 141332 UP12 RS10950 WP 061408509.1  IDQAQFVISTNPGEPMKSLSKVASGGELSRVMLAVKSIFSAKQEVTSIIFDEVDTGVSGRVAQAIAEKIYKVAAGSQVLCITHLP   510
NTDB id 352 BSU 24240 NP 390304.2           IDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLP   508
consensus                                   !!   !*!!!!*!!!*!!!!!!!!!!!*!!!!!!*!!!!!  !*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!  !!!!!!!!!!!

logo

NTDB id 141332 UP12 RS10950 WP 061408509.1  QVAAMADTHLFISKRSKAGRTLTNVKPLSHEEKVSEIGRMIAGVEVTELTKQHAKELLHQANDVKTTG   578
NTDB id 352 BSU 24240 NP 390304.2           QVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG   576
consensus                                   !!!!!!!!!!!*! !  ! !!! ! !!!!!* !!! !!!!!!!!!!!!!*!!! !!!!!!*!!  !!!!!
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X non conserved
X similar
X $\geq$ 50% conserved