```
logo
NTDB id 29284 BPUM RS10790 WP 012010522.1  MLAELTIKNFAIIEELTVSFEKGLTVLTGETGAGKSIMIDAVSLLVGGRGSSEFVRYGEKKAELEGLFLVPAADHPVFALCEEQG   85
NTDB id 352 BSU 24240 NP 390304.2          MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLE.SGHPVLGVCAEQG   84
consensus                                  !!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!! !!!!!!!!!***   !!!  **!  !!!

logo
NTDB id 29284 BPUM RS10790 WP 012010522.1  IDASDEMMILRRDMNNNGKSICRINGKLVTISLLREVGRLLLDIHGQHDNQLLMEDENHLHLLDQFGAEEIAPALSQYQEAYEQY   170
NTDB id 352 BSU 24240 NP 390304.2          IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY   169
consensus                                  !! !!!!***!!!*   !!!*!!*!!!!!!!  !!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!! !** !* *!!  !!!*!  !

logo
NTDB id 29284 BPUM RS10790 WP 012010522.1  TKTAQKLKQLSENEQEMVHRLDLLQFQLEEIEAAQLEPGEDEKLQEERHQISNYEKIFSSLQNAYNALRNEQGGLDWVGMSSSEL   255
NTDB id 352 BSU 24240 NP 390304.2          VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL   254
consensus                                   !   !!!!!!! !!!! !!!!!*!!!!!!!! ! !!* !!! !!!!!*!!!!*!!!* !!!!!!!!!! !!!!!!!!!! !   !

logo
NTDB id 29284 BPUM RS10790 WP 012010522.1  DQVSEINDDLKKLSEQVSNSYYLLEDSTFQMRSMLDQLEFDPARLDFIESRLNEMKQLKRKYGTTVEEILEYAAKIEEEIDQIQN   340
NTDB id 352 BSP 24240 NP 390304.2          EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN   339
consensus                                  * *!*!!**!!!*!! !!!!!!!!!! !!!!! !!! !!!!! !! *!!*!!!!*!!!!!!!! !!!*!!!!! !!!!!!!!! !

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RDTHLQTLKNKLDAMSRDALLEALNVSELRKKWAKKLAKQIQTELKDLYMEKSTFDTSFSIRYAPFSSTDNPLLDGKPVQLGKNG   425
RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASR.NEEAPLVNGQPVQLTEQG   423
consensus                                  !!*!!!*!!  !! * *!  *!! !!! *!! !!!!!! !* !!! !!!!!!!!!! ! *! !* *  * !!* ! !!!!  *!

logo
NTDB id 29284 BPUM RS10790 WP 012010522.1  IDQAQFVISTNPGEPMKSLSKVASGGELSRVMLAYKSIFSSQQEVTSIIFDEVDTGVSGRVAQAIAEKIYKVAAGSQVLCITHLP   510
NTDB id 352 BSU 24240 NP 390304.2          IDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLP   508
consensus                                  !!   !*!!!!*!!!!*!!!!!!!!!!!*!!!!!!*!!!!!  !*!!!!!!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$50% conserved