```
logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  MLAELTIKNFAIIEELTVSFEKGLTVLTGETGAGKSIMIDAVSLLVGGRGSSEFVRYGEKKAELEGLFLVPAADHPVFAL   80
NTDB id 352 BSU 24240 NP 390304.2             MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLE.SGHPVLGV   79
consensus                                     !!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!  !!!!!!!!!***   !!!  **

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  CEEHGIDATDEMMILRRDMNNNGKSICRINGKLVTISLLREVGRLLLDIHGQHDNQLLMEDENHLHLLDQFGAEEIAPAL  160
NTDB id 352 BSU 24240 NP 390304.2             CAEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                     ! !*!!! *!!!***!!!*   !!!*!!*!!!!!!!  !!!*!!!!!!!!!!!!!!!!!!!!!!!!!!*!!! !** !* *!!

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  SQYQEAYEQYTKTAQKLKQLSENEQEMVHRLDLLQFQLEEIEAAQLEPGEDEKLQEERHQISNYEKIFSSLQNAYNALRN  240
NTDB id 352 BSU 24240 NP 390304.2             KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                       !!!*!  ! !   !!!!!!! !!!! !!!!!*!!!!!!!! ! !!* !!! !!!!!*!!!!*!!!* !!!!!!!!!!

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  EQGGLDWVGMSSSELEQVSEINDDLKKLSEQVSNSYYLLEDSTFQMRSMLDQLEFDPARLDLIESRLNEMKQLKRKYGTT  320
NTDB id 352 BSU 24240 NP 390304.2             EQGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGAT  319
consensus                                     !!!!!!!!!!! !  !! *!*!!**!!!*!! !!!!!!!!!! !!!!! !!! !!!!! !!  !!*!!!!*!!!!!!!! !

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  VEEILEYAAKIEEEIDQIQNRDSHLQTLKNKLDAMSRDALLEALNVSELRKKWAKKLAKQIQTELKDLYMEKSTFDTSFS  400
NTDB id 352 BSU 24240 NP 390304.2             VEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFK  399
consensus                                     !!*!!!!! !!!!!!!!! !!!!!!!*!!  !! * *!  *!! !!! *!! !!!!!!  !* !!! !!!!!!!!! !

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  IRYAPFSSTDNPLLDGKPVQLGKNGIDQAQFVISTNPGEPMKSLSKVASGGEISRVMLAVKSIFSAKQEVTSIIFDEVDT  480
NTDB id 352 BSU 24240 NP 390304.2             VRTASR.NEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDT  478
consensus                                     *! !* *  * !!* ! !!!!  *!!!   !*!!!!*!!!*!!!!!!!!!!!*!!!!!!*!!!!!  !*!!!!!!!!!!!

logo
NTDB id 1147085 CKW02 RS11135 WP 003215540.1  GVSGRVAQAIAEKIYKVAAGSQVLCITHLPQVAAMADTHLFISKRSKAGRTLTSVKPLSHEEKVSEIGRMIAGVEVTELT  560
NTDB id 352 BSU 24240 NP 390304.2             GVSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLT  558
consensus                                     !!!!!!!!!!!!!!!*!!  !!!!!!!!!!!!!!!!!!!!!!!*! !  ! !!! ! !!!!!* !!! !!!!!!!!!!!!!*!!
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logo                                                  KRHAKELLKQANQVKTTG
                                                      KQ     HQADD
NTDB id 1147085 CKW02 RS11135 WP 003215540.1          KQHAKELLHQANDVKTTG   578
NTDB id 352 BSU 24240 NP 390304.2                     KRHAKELLKQADQVKTTG   576
consensus                                             ! !!!!!!*!!  !!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved