```
logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  MLAELTIKNFAIIEELTVSFEKGLTVLTGETGAGKSIMIDAVSLLVGGRGSSEFVRYGEKKAELEGLFLVPADHPVFALC   80
NTDB id 352 BSU 24240 NP 390304.2            MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVC   80
consensus                                    !!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!! !!!!!!!!!**  !!!  **!

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  EEQGIDASDEMMILRRDINNSGKSICRINGKLVTISLLREVGRLLLDIHGQHDNQLLMEDENHLHLLDQFGAEEIAPALL  160
NTDB id 352 BSU 24240 NP 390304.2            AEQGIDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALK  160
consensus                                     !!!!! !!!!***!!!!  !!!!*!!*!!!!!!!  !!!*!!!!!!!!!!!!!!!!!!!!!!!!*!!! !** !* *!!

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  QYQEAYDQYMKTAQKLRQLSENEQEMVHRLDLLQFQLEEIEAAQLEPGEDERLQEERHQISNYEKIYSSLQNAYNALRNE  240
NTDB id 352 BSU 24240 NP 390304.2            TYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSE  240
consensus                                     !!!*!  !*!   !!*!!!! !!!! !!!!!*!!!!!!!! ! !!* !!! !!!!!*!!!!*!!!! !!!!!!!!!! !

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  QGGLDWVGMSSSELEQVSEINDDLKKLSEQVSNSYYLLEDSTFQMRSMLDQLEFDPARLDFIESRLNEMKQLKRKYGTTV  320
NTDB id 352 BSU 24240 NP 390304.2            QGGLDWVGMASAQLEDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATV  320
consensus                                    !!!!!!!!!! !  !! *!*!!**!!!*!! !!!!!!!!!! !!!!! !!! !!!!! !! *!!*!!!!*!!!!!!!! !!

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  EEILEYAAKIEEEIDQIQNRDSHLQTLKNRLDAMSRDALLEALNVSELRKKWAKKLAKQIQTELKDLYMEKSSFDTAFSI  400
NTDB id 352 BSU 24240 NP 390304.2            EDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKV  400
consensus                                    !*!!!!! !!!!!!!!!! !!!!!!!*!!  !! * *!  *!! !!! *!! !!!!!!  !* !!! !!!!!!*!!! ! *

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  RYAPFGSTDCPLLDGKPVQLGKNGIDQAQFVISTNTGEPMKSLSKVASGGELSRVMLAVKSIFSAKQDVTSIIFDEVDTG  480
NTDB id 352 BSU 24240 NP 390304.2            RTASR.NEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTG  479
consensus                                    ! !* *  **!!* ! !!!!  *!!!   !*!!!!!!!!*!!!!!!!!!!!*!!!!!!*!!!!!  !!!!!!!!!!!!!!

logo
NTDB id 986489 MHI46 RS11180 WP 064497585.1  VSGRVAQAIAEKIYKVASGSQVLCITHLPQVAAMADTHLFISKRSKAGRTLTSVKPLSHEEKVSEIGRMIAGVEVTELTK  560
NTDB id 352 BSU 24240 NP 390304.2            VSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTK  559
consensus                                    !!!!!!!!!!!!!*!!  !!!!!!!!!!!!!!!!!!!!!!*! !  ! !!! ! !!!!!* !!! !!!!!!!!!!!!*!!!
```

```
logo                                                  RHAKELLKQANQVKTTG
                                                      QH-K-HQ-DDV-
NTDB id 986489 MHI46 RS11180 WP 064497585.1  QHAKELLHQANDVKTTG   577
NTDB id 352 BSU 24240 NP 390304.2            RHAKELLKQADQVKTTG   576
consensus                                     !!!!!!*!!  !!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved