```
logo
NTDB id 34019 BAA RS21885 WP 000947756.1  MLSELSIRNFAIIEALNISFQKGLTVLSGETGAGKSIIIDAISLLVGGRGSAEFVRYGTEKAEIEGLFYVEDDKHPCIEKAEELD   85
NTDB id 352 BSU 24240 NP 390304.2         MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLES.GHPVLGVCAEQG   84
consensus                                 !! !!!!*!!!!!! ! *!! *!!!!!*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!  !!!*!!!! *! * !!**  * !

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  IEIEDGMIILKRDIAANGKSVCRVNGKLVTLSVLKEIGKTLVDIHGQHETQDLMNEERHLFMLDHFDGERIVKQLDIYQNVYADY  170
NTDB id 352 BSU 24240 NP 390304.2         IDVSDEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESALKTYQEGYQRY  169
consensus                                 !** ! !!***!!!   !!!!!!!!!!!!!* !*!!!* !*!!!!!!* ! !! *! !! *!!*! !  *   !  !!  !   !

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  EKLKKQLKSLSENEQQMAHRLDLIQFQHEEIRKADLKMDEENNLTEERLQISNFEKIYKALGDAYRSLSADGQGLDNVRSAMGQM  255
NTDB id 352 BSU 24240 NP 390304.2         VKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRSEQGGLDWVGMASAQL  254
consensus                                  !! ! !! !!! !! !!!!!!!!!!!*!!!  ! ! * !* *! !!! !!!!!!!!!  !  !!  !  *  !!! !  ! *!*

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  ESITHLDEVYQENHDSIANSYYLLEEVAYQLREKLDMMEYDPNRLDEIETRLNEIRMLKRKYGNTVEEILAYADKIEQEIFTIEN  340
NTDB id 352 BSU 24240 NP 390304.2         EDISDINEPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGATVEDILEYASKIEEEIDQIEN  339
consensus                                 ! !*** !*    **!* !!!!!!!*  *!*!  !! *!*!! !!  !!!!!!!!* !!!!!! !!!*!! !! !!! !!  !!!

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  KDVHIEITKKQLKELESVILKEATLLSNMRHELAEHLTNAIHQELKELYMEKTKFEVRIIK..REGNAEEPLVEGAPVRLTADGY  423
NTDB id 352 BSU 24240 NP 390304.2         RDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEFKVRTASRNEEAPLVNGQPVQLTEQGI  424
consensus                                 *! !* * !! !  *   *  !!  *!**!*  ! *!   !! !!! !!!!!* !*     **   ! ! !!! ! !! !!  !

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  DHVEFYISTNPGEPLKPLSKVASGGELFRIILALKSIFSKHQGVASVIFDEVDTGVSGRVAQAIAEKIYRVSVNSQVLCITHLPQ  508
NTDB id 352 BSU 24240 NP 390304.2         DLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDTGVSGRVAQAIAEKIHKVSIGSQVLCITHLPQ  509
consensus                                 !*! ! !!!!*!!!!!*!!!!!!!!!!! !**!!*!!!!! *! ! !*!!!!!!!!!!!!!!!!!!!!!!**!!* !!!!!!!!!!!

logo
NTDB id 34019 BAA RS21885 WP 000947756.1  VASMADSHLFIRKQVANDRTITSVTVLTMEDKVTEIARMISGVEITDLTTEHAKELLTQAHHFKQTAEAIQ  579
NTDB id 352 BSU 24240 NP 390304.2         VAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLTKRHAKELLKQADQVKTTG....  576
consensus                                 !! !!!*!!*! ! *   !! ! ! *!*  *!! !!*!!! !!!*!!!!  !!!!!! !!** ! !*****
```

X non conserved
X similar
X $\geq$ 50% conserved