


```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  MLVTLSIRNLAVVEEVDVVFHPGFHVLSGETGAGKSIIIDALGLLIAGGRSSADLIRYGCDKAEMEALFEMEQSHPVWQTL  80
NTDB id 352 BSU 24240 NP 390304.2            MLAELSIKNFAIIEELTVSFERGLTVLTGETGAGKSIIIDAISLLVGGRGSSEFVRYGEAKAELEGLFLLESGHPVLGVC  80
consensus                                    !!  !!!*! !**!!* ! !**! *!!*!!!!!!!!!!!!!* !* !!! ! * *!!!* !!!*!*!! *!  !!!   *
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  EKLGIHCEPEEHLVIRRELNTQGKSTSRINGQLVNLTMLREVGEKLINIHGQHEHQSLLRAESHLGLLDTYGSEVIGPVK  160
NTDB id 352 BSU 24240 NP 390304.2            AEQGIDVS.DEMIVMRRDISTSGKSVCRVNGKLVTIASLREIGRLLLDIHGQHDNQLLMEDENHLQLLDKFAGAEVESAL  159
consensus                                       !!** **!**!*!!** ! !!! *!*!! !! *  !!!*!  !* !!!!!**! !*  ! !! !!! **   * *
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  ATYQERYSKFITAEKELRALQESSQRAYQLLDMYRFQLEEIAAASLTRGEDELLGEERVKLSHSEKMMDSVAGAYDLLSG  240
NTDB id 352 BSU 24240 NP 390304.2            KTYQEGYQRYVKLLKKLKQLSESEQEMAHRLDLIQFQLEEIESAKLELNEDEQLQEERQQISNFEKIYESLQNAYNALRS  239
consensus                                     !!!! ! *** ! !* ! !! !  * !!*  !!!!!! ! !  !!! ! !!!  *!* !!* *!*  !!  !
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  .QRGLEAVSIALSRIEDISGYDNKGLQPIVEQLQSAFYQLEDATFQLRDYREKIEFNPARLEEVEQRLNLISGLRRKYGD  319
NTDB id 352 BSU 24240 NP 390304.2            EQGGLDWVGMASAQLEDISDIN.EPLKKMSESVSNSYYLLEDATFQMRNMLDELEFDPERLNYIETRLNEIKQLKRKYGA  318
consensus                                    *! !!* ! *!   *!!!!  * *! ** ! *  *! !!!!!!!*!   * *!! ! !!  *! !!! !  !*!!!!
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  SVEVILSYYEQISHETDQLENKDERLEKLRAERDKMLNLVMESAEELSKVRKQCAEELAAQVESELKDLQMERTTLRVQI  399
NTDB id 352 BSU 24240 NP 390304.2            TVEDILEYASKIEEEIDQIENRDSHLQSLKKELDSVGKDVAVEAANVSQIRKTWAKKLADEIHRELKSLYMEKSTFDTEF  398
consensus                                    *!! !! !  ! *! !!*!!*! *!  !* ! ! *  !  !  *! *!! *!  !!  ** !!! ! !!**!
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  TPF...EDPKGIEWNGRRIRLNRQGADNAEFLISPNPGEPLRPLGKIASGGELSRMMLAMKSIFARHDRIPVLIFDEVDT  476
NTDB id 352 BSU 24240 NP 390304.2            KVRTASRNEEAPLVNGQPVQLTEQGIDLVKFLISTNTGEPLKSLSKVASGGELSRVMLAIKSIFSSQQDVTSIIFDEVDT  478
consensus                                     * ***  * **  !! ** !  !! !  !!!!*!*!!!!**! !*!!!!!!!!!*!!!*!!!!  *  ** *!!!!!!!
```




```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  GVSGRAAQSIAEKLFRLSSTCQVFSITHLPQVACMADHQYLIEKHVYDGRTMTQVESLSDEGRVKELARMLGGVEITEKT  556
NTDB id 352 BSU 24240 NP 390304.2            GVSGRVAQAIAEKIHKVSIGSQVLCITHLPQVAAMADTHLYIAKELKDGRTTTRVKPLSKQEKVAEIGRMIAGVEVTDLT  558
consensus                                    !!!!! !! !!!!*****!  *!! *!!!!!!!!*!!!** ! !** !!!! ! ! *!!  *! !**!!**!!!*!* !
```

logo 

```
NTDB id 967065 MKZ13 RS19930 WP 076215806.1  LHHAQEMLNLAEAKKG..   572
NTDB id 352 BSU 24240 NP 390304.2            KRHAKELLKQADQVKTTG   576
consensus                                     *!! !*!  !*  ! **
```

X non conserved

X similar

X ≥ 50% conserved