```
logo
NTDB id 92222 vsple RS06645 WP 261883056.1   MRPKVLLVEDSTSLAVLYKQYVKDEPYDIFHVETGAEAKTFIERHTPQLVILDLKLPDMSGEEVLDWITENEVPTAVIIA   80
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ......MVEDTASVAALYRSYLTPLDIDINIVGTGRDAIESIGRREPDLILLDLRLPDMTGMDVLYAVKEKSPDVPIVFM   74
consensus                                    *******!!!* !*! !!* !* * * !! *! !! *!   ! !* ! !**!!!*!!!!*! *!!  * !  ** ***

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   TAHGSVDIAVSLIQRGAEDFLEKPIQAERLKTSVQLHLKRA.KLENLVENIKSKFDRESFQGFIGSCLPMQAVYKTIDSV   159
NTDB id 1157 A1552VC RS03895 WP 001888250.1  TAHGSIDTAVEAMRHGAQDFLIKPCEADRLRVTVNNAIRKASKLKNDV.....DNKNQNYQGFIGSSQTMQAVYRTIDSA   149
consensus                                    !!!!!*! !!  * *!! !!! !!* !*!!* *!* ****!*!! ! !*****      *!!!!!!* *!!!!!*!!!!

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   APTTASVFINGESGTGKEVCAEAIHKESQRRDKPFVAINCGAIPRDLMESEIFGHVKGAFTGATTDRKGAAMQAHGGTLF   239
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ASSKASIFITGESGTGKEVCAEAIHAASKRGDKPFIAINCAAIPKDLIESELFGHVKGAFTGAATERQGAAEAADGGTLF   229
consensus                                    !** !!*!! !!!!!!!!!!!!!!!  ! ! !!!!*!!!!*!!!*!!*!!!!*!!!!!!!!!!! !*! !!!  !*!!!!!

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   LDELCEMELEMQKKLLRFLQTGTFTPLGATREVKVDVRIICATNRDPLLEVEEGRFREDLYYRVHVVPIEMPPLRERGSD   319
NTDB id 1157 A1552VC RS03895 WP 001888250.1  LDELCEMDLDLQTKLLRFIQTGTFQKVGSSKMKSVDVRFVCATNRDPWKEVQEGRFREDLYYRLYVIPLHLPPLRARGDD   309
consensus                                    !!!!!!!*!**! !!!!!*!!!!! **! **   !!!! *!!!!!!!  !! !!!!!!!!!!!**!*!***!!!! !! !

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   IVTLCKHFLKIYAKQDGKKFKSIDKEAQVLLKNYPWPGNVRQLQNIIRNIVVLNNETNVTKEMIPAPINGAGGRSKVVTP   399
NTDB id 1157 A1552VC RS03895 WP 001888250.1  VIEIAYSLLGFMSKEEGKDFVRLSAEVVERFRQYEWPGNVRQLQNVLRNVVVLNEGREITLDMLPPPLNQMSAPIN....   385
consensus                                    ** ** * !    ! *!! !  *  !     **!*!!!!!!!!!!**!!*!!!!    *! *!*!*!*!   **  ****

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   TKRAEPVQEAVVETVSKPAPLTPDQIEAASESNGPALTNGDGSIRPMWKIEREAIQNAINHCDGNVLNAAVLLELSPSTV   479
NTDB id 1157 A1552VC RS03895 WP 001888250.1  ..RALPLAH.............E............NKVSVHEIFPLWMTEKQAIEQAIEACDGNIPRAATYLDVSPSTI   437
consensus                                    **!! !* ***************************     * ! !*!  !* !! *!! *!!!!** !!  !**!!!!*

logo
NTDB id 92222 vsple RS06645 WP 261883056.1   YRKKQAWEAEDEYNQA..   495
NTDB id 1157 A1552VC RS03895 WP 001888250.1  YRKLQTWNEKVKEKEKER   455
consensus                                    !!! ! !          **
```

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