logo



```
NTDB id 1171 A1552VC RS12125 WP 000520444.1  MGKSLVTGIDIGHHSIKAAVLKPMGDTYALVGYEELLVTADIFTDNHTLDYQKIVKKLKELKKGLPLFSHKVAIAIPDSA  80
NTDB id 1404 DSB67 RS14000 WP 010643494.1    MDKLLVTGIDIGHNSLKAVVLKPNGNSYALLGYKEIILKEGIVAENNTINHQEIVKTLKEMKKELPFRARKVAISVPDNA  80
consensus                                    ! ! !!!!!!!!!*!*!! !!!! ! *!!!*!! !***   !  *!*!* *! !!! !!!*!! !!   *!!!! *!! !
```

logo



```
NTDB id 1171 A1552VC RS12125 WP 000520444.1  VISKVLQIDSDLEQRELEFAVYQAFSHQSPFPVEELSLDFVKVTEKSLARSSTTTFQVYATKKDVVDSRLHAVKKAGFEP  160
NTDB id 1404 DSB67 RS14000 WP 010643494.1    VISKKLQIEQNLEESEKEFAVVQAFSHQSPFPVEELSLDFIKVDTDEQMR.GNDSYQVFATRKDVVETRVEALQKSGLKP  159
consensus                                    !!!! !!!*  !!  ! !!!! !!!!!!!!!!!!!!!!!*!!      !*   **!!*!!*!!!!**!**!* ! !  !
```

logo



```
NTDB id 1171 A1552VC RS12125 WP 000520444.1  VLMDVQVHSLLHLWQLASRAYRR.PDWMLVDIGYTQSSLCLDFPEKMPFYKDVPLGTRQLESEPSAVNSLNHPLLH...D  236
NTDB id 1404 DSB67 RS14000 WP 010643494.1    VLVDVHSQSLGHIWKLVAKRFPEKNKYCLLDIRSLNSSFTMFTEQGELFHKEFPCGSRTTGSLF.....QQDPLVDDAQV  234
consensus                                    !!*!!* *!! !*! !  * ** ** **!*!!   *!! **  *   *!*!* !*!*!   ! ****** **!!*****
```

logo



```
NTDB id 1171 A1552VC RS12125 WP 000520444.1  PTQRFIQELVDKIARQIQLFTSVHGTQSLGGLWLSGGGATLSGLEDALYQRLSLPCEVLNPFSLFKNNVAKRKRPLVDGQ  316
NTDB id 1404 DSB67 RS14000 WP 010643494.1    ATEQFNRQIVERVKRQMQLYTSINGSQDIKGVWLSGEGAATPMLAEELSSQLALECELLNPLGLFEMKVSKRKRRAADWQ  314
consensus                                    *!   !    *!*** !!*!!*!!**!*! * !*!!!! !!  * ! * !   ! !*!!*!!!  !!   ! !!!!*  ! !
```

logo



```
NTDB id 1171 A1552VC RS12125 WP 000520444.1  RFSTAAGLALRGLAWLESEHVA..   338
NTDB id 1404 DSB67 RS14000 WP 010643494.1    HFTAAAGLAVRGIQWLGGDNAVSH   338
consensus                                    *!* !!!!!*!!* !!  **  **
```

X non conserved
X similar
X ≥ 50% conserved