```
logo

NTDB id 1171 A1552VC RS12125 WP 000520444.1   MGKSLVTGIDIGHHSIKAAVLKPMGDTYALVGYEELLVTADIFTDNHTLDYQKIVKKLKELKKGLPLFSHKVAIAIPDSA   80
NTDB id 180233 FORC36 RS13905 WP 011151279.1 MGKPFVTGIDIGHRSLKAVILKPYGEHYALLGYKEIIIKDGIFSDNHTLNHQEIVNSLKELKKELPLFRYQVALAVPDSS   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 180233 FORC36 RS13905 WP 011151279.1 VISKMLSIDAELDGRERFAILQAFAHQSPFPVDELSIDYVQLVE.ETSK.TNHSYQVYATKKEVVESRVRVAEEVGLKP   158
NTDB id 1404 DSB67 RS14000 WP 010643494.1    VISKKLQIEQNLEESEKEFAVWQAFSHQSPFPVEELSLDFIKVDTDEQMR.GNDSYQVFATRKDVVETRVEALQKSGLKP   159
consensus                                    !!!!*!*!* *!* *!*!!!*!!!*!!!!!!!*!!!*!**** * *  * ** **!!*!!*!*!!**!* ** * !**!

logo

VLMDVHHVHSLLHLWQLAARRYDRKPSYCLLDIGYTTSSLVMSTRQKPPFYKEFPYGVRTLNSSP VQDLTVPDAHVPTQ
                                                                  EK E
NTDB id 1171 A1552VC RS12125 WP 000520444.1   VLMDVQVHSLLHLWQLASRAY.RRPDWMLVDIGYTQSSLCLDFPEKMPFYKDVPLGTRQLESEPSAVNSLNHPLLHDPTQ   239
NTDB id 180233 FORC36 RS13905 WP 011151279.1 VLVDVHAHSLCNILTLAAERHPDKASYCLLDVGYDTTSLVMSRRNEPPLVKEFAYGVSHLNASI..GDDLTSPDAHEKTD   236
NTDB id 1404 DSB67 RS14000 WP 010643494.1    VLVDVHSQSLGHIWKLVAKRFPEKNKYCLLDIRSLNSSFTMFTEQGELFHKEFPCGSRTTGSLF..QQDPLVDDAQVATE   237
consensus                                    !!*!!* *!! *** !*******  **!*!*** **!* *   *  ** !*** !** * *     ***  ***** !*

logo

RFNRELVERVRRQMQLFTSVNGTQSVNGLWLSGEGATTPMLSETLYSRLSLECEVLNPLSLFEQKVAKRKRRLVDWQHFS
QTKQTTDKIAMTLYQTDSQSDTGVTCGGALSGLADAQQKLAPELLFALKMNTSLPAAGHRT
NTDB id 1171 A1552VC RS12125 WP 000520444.1   RFIQELVDKIARQIQLFTSVHGTQSLGGLWLSGGGATLSGLEDALYQRLSLPCEVLNPFSLFKNNVAKRKRPLVDGQRFS   319
NTDB id 180233 FORC36 RS13905 WP 011151279.1 IFNKELTERVRRQLQLFQSMDSQSKVNGLWICGEGAITPLLSETLQRKLSLECEVLNPLALFEQKTAKRKRRIVDWHHFS   316
NTDB id 1404 DSB67 RS14000 WP 010643494.1    QFNRQIVERVKRQMQLYTSINGSQDIKGVWLSGEGAATPMLAEELSSQLALECELLNPLGLFEMKVSKRKRRAADWQHFT   317
consensus                                     !********!!*!!**!* *** * !*!**!*!! ***! * !  *!*!*!!*!!!**!!*****!!!!***!***!*

logo

VAAGLAVRGIQWLESSHAA
TGGLAWLGGEDNVSH
NTDB id 1171 A1552VC RS12125 WP 000520444.1   TAAGLALRGLAWLESEHVA..   338
NTDB id 180233 FORC36 RS13905 WP 011151279.1 VAAGLAIGGIQWLEDSHAA..   335
NTDB id 1404 DSB67 RS14000 WP 010643494.1    AAAGLAVRGIQWLGGDNAVSH   338
consensus                                     !!!!!**!**!!* ****
```

X non conserved

X similar

X $\geq$ 50% conserved