```
logo

NTDB id 1171 A1552VC RS12125 WP 000520444.1   MGKSLVTGIDIGHHSIKAAVLKPMGDTYALVGYEELLVTADIFTDNHTLDYQKIVKKLKELKKGLPLFSHKVAIAIPDSA   80
NTDB id 373032 VV7356 RS21610 WP 011079352.1 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 373032 VV7356 RS21610 WP 011079352.1 VISKMLSIDAELDGRERFAILQAFAHQSPFPVDELSIDYVQLVE.ETSK.TNHSYQVYATKKEVVESRVRVAEEVGLKP   158
NTDB id 1404 DSB67 RS14000 WP 010643494.1    VISKKLQIEQNLEESEKEFAVWQAFSHQSPFPVEELSLDFIKVDTDEQMR.GNDSYQVFATRKDVVETRVEALQKSGLKP   159
consensus                                     !!!!*!*!* *!* *!*!!!*!!!*!!!!!!!*!!!*!**** * *  * ** **!!*!!*!*!!**!* ** * !**!

logo

VLMDVQVHSLLHLWQLASRAY.RRPDWMLVDIGYTQSSLCLDFPEKMPFYKDVPLGTRQLESEPSAVNSLNHPLLHDPTQ   239
VLVDVHAHSLCNILTLAAERHPDKASYCLLDVGYDTSSLVMSRRNEPPLVKEFAYGVSHLNASI..GDDLTSPDAHEKTD   236
VLVDVHSQSLGHIWKLVAKRFPEKNKYCLLDIRSLNSSFTMFTEQGELFHKEFPCGSRTTGSLF..QQDPLVDDAQVATE   237
consensus                                     !!*!!* *!! *** !*******  **!*!*** *!!* *   *  ** !*** !** * *     ***  ***** !*

logo

RFIQELVDKIARQIQLFTSVHGTQSLGGLWLSGGGATLSGLEDALYQRLSLPCEVLNPFSLFKNNVAKRKRPLVDGQRFS   319
IFNKELTERVRRQLQLFQSMDSQSKVNGLWICGEGAITPLLSETLQRKLSLECEVLNPLALFEQKTAKRKRRIVDWHHFS   316
QFNRQIVERVKRQMQLYTSINGSQDIKGVWLSGEGAATPMLAEELSSQLALECELLNPLGLFEMKVSKRKRRAADWQHFT   317
consensus                                      !********!!*!!**!* *** * !*!**!*!! ***! * !  *!*!*!!*!!!**!!*****!!!!***!***!*

logo

TAAGLALRGLAWLESEHVA..   338
VAAGLAIGGIQWLEDSHAA..   335
AAAGLAVRGIQWLGGDNAVSH   338
consensus                !!!!!**!**!!* ****
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X non conserved

X similar

X ≥ 50% conserved