```
logo
NTDB id 1237 CJE RS01260 WP 002876312.1     MKKII...S....VLILALSLLNAKSFEESKKELVKFYNDLGSSYWYDFYCQAPFKVNKKGKYISFEVIKSDLYAPRNEY   73
NTDB id 1303 VF RS02230 WP 011261220.1      MKLIRLLISIIAIGSAFNVLAAPPSSFSKAKKEAVKIYLDHPTSF....YCGCDITW..KDKKKGIPDLQSCGYNVR...   71
NTDB id 1297 VP RS12690 WP 005461720.1      ...MKYLFTLFLFVLSTSAFSAPPSSFSAAKREAVKIYQDHPSSF....YCGCDIQW..QG.KKGVPDLASCGYQVR...   67
NTDB id 1148 A1552VC RS01200 WP 000972596.1 ..MMIFRFVTTLAASLPLLTFAAPISFSHAKNEAVKIYRDHPVSF....YCGCEIRW..QG.KKGIPDLESCGYQVR...   68
NTDB id 100629 QUD59 RS16770 WP 286238365.1 MRKQL...VSIALLLPAMALADKPHTFSQSKKQLAVIYADNQTSF....YCGCEYYK..QG.KKLKPALAGCGYQPR...   67
NTDB id 1178 HJ37 RS00640 WP 001082313.1    MNRTNFLVTFLIALFAIPAFAEHPTSFSQAKRFAREIYQDNQSTF....YCGCSYNN..DG.AI...DAASCGYEPR...   67
consensus                                   *  *    *    *         * *!* *!******! !  ***    !!***      * **  *** ***!* !

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NTDB id 1237 CJE RS01260 WP 002876312.1     TKKGKINQRIKRIEWEHIMPAQNFGKHLPCWKEGGRKACKN.DPTFAKMEADKQNLVPAIGEINGDRSNFRYAEAPTNLK  152
NTDB id 1303 VF RS02230 WP 011261220.1      ....KQEKRASRIEWEHVVPAWQFGHQRQCWQDGGRKNCTRKDKQFKLMEADLHNLVPAIGEVNGDRSNFRFSQWNGN.K  146
NTDB id 1297 VP RS12690 WP 005461720.1      ....KQEKRAARIEWEHVVPAWQFGHQLQCWQSGGRKNCSRNDTAFKLMEADLHNLTPAVGEVNGDRSNFNFSQWNGM.D  142
NTDB id 1148 A1552VC RS01200 WP 000972596.1 ....KNENRASRIEWEHVVPAWQFGHQLQCWQQGGRKNCTRTSPEFNQMEADLHNLTPAIGEVNGDRSNFSFSQWNGV.D  143
NTDB id 100629 QUD59 RS16770 WP 286238365.1 ....KNANRANRIEWEHVMPAWAFGHQLQCWQEGGRKACRK.DPRFVQMEGDMHNLVPAVGEVNGDRSNYSFGMLPGE..  140
NTDB id 1178 HJ37 RS00640 WP 001082313.1    ....KQPKRGERLEWEHVVSAWEIGHQRQCWQNGGRRNCEKNDPEFSKMVSDLHNLVPSVGELNGDRSNFRFGMIPNE..  141
consensus                                      !*  !* !*!!!!***!***!****!!* !!!**! * ** !  !**!**!!*!**!!*!!!!!!* *    *

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NTDB id 1237 CJE RS01260 WP 002876312.1     YTQYGNCKVYTDFKAKRFYPANYSKGWIARSYLYMSKTYNIRLSDQERKLMEAWDKQYPMDEKEKRIRALL.........  223
NTDB id 1303 VF RS02230 WP 011261220.1      GAYYGQCAFKVDFKGRVAEPPAQSRGAIARTYLYMNQEYRFNLSKSQRQLMNAWDKQYPVSEWECERDKRIAKIQGNHNQ  226
NTDB id 1297 VP RS12690 WP 005461720.1      GVSYGRCDMQVNFKQRKVMPPDRARGSIARTYLYMSKEYGFKLSKQQTQLMSAWNKTYPVDKWECERDKRIAKVQGNHNP  222
NTDB id 1148 A1552VC RS01200 WP 000972596.1 GVTYGQCEMQVNFKERTAMPPERARGAIARTYLYMSEQYGLRLSKAQSQLMQAWNNQYPVSEWECVRDQRIEKVQGNSNR  223
NTDB id 100629 QUD59 RS16770 WP 286238365.1 SRVYGRCDVEIDFKARKVEPPEQIRGDIARTYFYMRDRYGIKISSKQEKLFSVWDRQDPVDAWEKERNLRISRIQGNANP  220
NTDB id 1178 HJ37 RS00640 WP 001082313.1    SRAYGQCDFEVDFKDRRAEPPANRQGDIARIYFYMRDQYGLRLSRQQTQLFEAWSRMDPVDEWEKLRDLRIRGIQGKSNC  221
consensus                                      !!*!** **!! **  !*   *! !!!*!*!!   !****!* * *!* *! ***!****!  ** ** ***** *

logo
NTDB id 1237 CJE RS01260 WP 002876312.1     ..........................  223
NTDB id 1303 VF RS02230 WP 011261220.1      FVYKACRK...................  234
NTDB id 1297 VP RS12690 WP 005461720.1      FVQEACRAL..................  231
NTDB id 1148 A1552VC RS01200 WP 000972596.1 FVREQCPN...................  231
NTDB id 100629 QUD59 RS16770 WP 286238365.1 YVDGAESVTVKESSVLAGLRRLLSTD  246
NTDB id 1178 HJ37 RS00640 WP 001082313.1    YVSGSC....................  227
consensus                                   **   *
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X non conserved
X similar
X $\geq$ 50% conserved