```
logo
NTDB id 1192 PAKAF RS23870 WP 024947914.1       .MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSVKSGTGTEDATKKEVPL   79
NTDB id 1017700 ABX042 RS10965 WP 078475166.1   MKAFQKGFTLIELMIVIAIIGILAAIAVPAYSDYIARSQASEASSLAAGLKTQIIDNLQNSNCKSGTNNALD.TAIDRQT   79
NTDB id 1079 FDQ49 RS11140 WP 022575996.1       .MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTINTNLQAGTCFAGGATAV..TAADKVS   77
NTDB id 1119 NGFG RS11465 WP 017147169.1        MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAG........   72
NTDB id 1274 LPP RS09530 WP 011214168.1         ..MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG........   70
NTDB id 1258 GC085 RS09745 WP 014844212.1       ..MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG........   70
consensus                                           !!!!!!!!!!!!*!!*!!!!!*!*!*!*!**! **   ********  !* * *         * * *

logo
NTDB id 1192 PAKAF RS23870 WP 024947914.1       GVAADANKLGTIALKPDPADGTADITLTFTMGGAGPK..NKGKIITLTRTAADGL..WKCT..SD...............   138
NTDB id 1017700 ABX042 RS10965 WP 078475166.1   GKYGVAEIGGTAATGSISANGATGCTITYTVNTTKVSSSIAGKTLILDVLK.NGS..LKKNGGT................   140
NTDB id 1079 FDQ49 RS11140 WP 022575996.1       GKYGDAEIGGTA..........PNCTITYTFKSSGVSNKLTSTKIVMNVSE.TGI..LTKNSGTD...............   129
NTDB id 1119 NGFG RS11465 WP 017147169.1        ....VASPPTDIKGKYVKEVEVKNGVVTATMLSSGVNNEIKGKKLSLWGRRENGSVKWFCGQPVTRADDDTVADAKDGKE   148
NTDB id 1274 LPP RS09530 WP 011214168.1         ....YVSPAATPNVASI..AIGANGVITITYTAAAG....GGTIVMTPTLQANGDVTWTCTGGTL...............   125
NTDB id 1258 GC085 RS09745 WP 014844212.1       ....YVSPAATPNVQSI..AIGANGVITITYTAAAG....GGTIIMTPTLQANGDVTWTCTGGTL...............   125
consensus                                           *  ***     *       *  *! !    *       *  ***     *!   * *  **

logo
NTDB id 1192 PAKAF RS23870 WP 024947914.1       QDEQFIPKGCSK......   150
NTDB id 1017700 ABX042 RS10965 WP 078475166.1   MPDKYVPKAFTI......   152
NTDB id 1079 FDQ49 RS11140 WP 022575996.1       TPVELLPQSFVAS.....   142
NTDB id 1119 NGFG RS11465 WP 017147169.1        IDTKHLPSTCRDKASDAK   166
NTDB id 1274 LPP RS09530 WP 011214168.1         .LAKYRPASCRP......   136
NTDB id 1258 GC085 RS09745 WP 014844212.1       .LAKYRPASCRP......   136
consensus                                          ***!  **
```

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