```
logo

NTDB id 1119 NGFG RS11465 WP 017147169.1      MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGVASP....   76
NTDB id 1109 OK783 RS10670 WP 157147416.1     MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGVASA....   76
NTDB id 1192 PAKAF RS23870 WP 024947914.1     .MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSRGWSVKSGTGTED.ATKK.E.   76
NTDB id 1038 HON27 RS01510 WP 000993725.1     .MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNEGAVPTK............L.   66
NTDB id 380031 FRD49 RS01725 WP 031982113.1   .MNAQKGFTLIELMIVVAIIGILAAIAIPAYQDYIAKSQASEAMTIADGLKTNIQTNLQSNSCFSGGATSAVAGTDTVSG   79
NTDB id 1079 FDQ49 RS11140 WP 022575996.1     .MNAQKGFTLIELMIVVAIIGILAAIAIPAYQNYIAKSQASEAFTLADGLKTTINTNLQAGTCFAGGATA.VTAADKVSG   78
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTA.....GSS   74
NTDB id 1274 LPP RS09530 WP 011214168.1       ..MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG.....YV.   72
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ..MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG.....YV.   72
consensus                                      * *!!!!!!!!!!!!*!!*!!!!!*!*!*!**!************** *!***** **       *   * * *

logo

NTDB id 1119 NGFG RS11465 WP 017147169.1      ................PTDIKGKYVKE...VEVKNGVVTATMLSSGVNNEIKGKKLSLWGRRENGSVKWFCGQPVTRADD   137
NTDB id 1109 OK783 RS10670 WP 157147416.1     ..................STIKGKYVQK...VEVAKGVVTAQMASTGVNKEIQDKKLSLWAKRQDGSVKWFCGQPVTRTGD   136
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........VPLGVAADANKL.GTIALK.PDPADGTADITLTFTMGGAGPKNKGKIITLT..RTAADGLWKCT........   136
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........SDVGFTAATSSVCATYSIDAFTETDGAGKITCTL...KGNPKIATKIVELT...RSTDGAWTCV........   124
NTDB id 380031 FRD49 RS01725 WP 031982113.1   KYGSATITTISGTAAANNLVCG...............ITYTFKTTGVSSKIAAKVLALQ.TNDNGVLSKAAS........   135
NTDB id 1079 FDQ49 RS11140 WP 022575996.1     KYGDAEIGG.......TAPNCT...............ITYTFKSSGVSNKLTSTKIVMN.VSETGILTKNS.........   126
NTDB id 1002 ACIAD RS15100 WP 004923779.1     CVGVQEISASNATTNVATATCG.........ASSAGQIIVTMDTTKAK..GANITLTPT..YASGAVTWKCT........   133
NTDB id 1274 LPP RS09530 WP 011214168.1       ........SPAATPNVASIAIG.........A..NGVITITY.TAAAG..GGTIVMTPT.LQANGDVTWTCT........   121
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ........SPAATPNVQSIAIG.........A..NGVITITY.TAAAG..GGTIIMTPT.LQANGDVTWTCT........   121
consensus                                               *     * * *             * ** ** ****   ** ******     * *** **

logo

NTDB id 1119 NGFG RS11465 WP 017147169.1      DTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1     NDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1192 PAKAF RS23870 WP 024947914.1     .........SDQDEQFIPKGCSK...........   150
NTDB id 1038 HON27 RS01510 WP 000993725.1     .........SDVPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 380031 FRD49 RS01725 WP 031982113.1   ........GTTIDDKYLPNSLTVAGS........   153
NTDB id 1079 FDQ49 RS11140 WP 022575996.1     ........GTDTPVELLPQSFVAS..........   142
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........TTS.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1       ........GGTLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     ........GGTLLAKYRPASCRP...........   136
consensus                                              ** ** ***! ***
```

X non conserved

X similar

X ≥ 50% conserved