```
logo
                                                  QKGFTLIELMIVYAIGILAAIALPAYQDYTYRARVSEGLTLASAKSAVSE
                                                  MNTRQKGFTLIELMIVYAIGILAAIALPAYQDYTYRARVSEGLTLASAKSAVSE

NTDB id 1109 OK783 RS10670 WP 157147416.1         .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..   71
NTDB id 1119 NGFG RS11465 WP 017147169.1          .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..   71
NTDB id 1424 RS RS02795 WP 011000517.1            MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1         ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS...   69
NTDB id 1258 GCO85 RS09745 WP 014844212.1         .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...   68
NTDB id 1274 LPP RS09530 WP 011214168.1           .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA...   68
NTDB id 1129786 AACL56 RS01860 WP 339088137.1     .MNRRTLARRAQAGFTLIELMIVVAIIGILAAVALPAYQDYTVRAKVSEAVINATSAKSLVSEAFQTDGLAGVKAAADTF   79
NTDB id 1188 NELON RS01755 WP 003772458.1         .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF   73
consensus                                                  !*!!!!!!!!!!*!!*!!!!!*!*!!!*!!!*!**!*!** *! * !****!   *   *
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logo
                                                  GVASA.STIKGKYVQKVEVA.....KGVVTAQM...ASTGVNKEIQDKKLSLWA..........KRQDG
                                                  GVASPPTDIKGKYVKEVEVK.....NGVVTATM...LSSGVNNEIKGKKLSLWG..........RRENG
NTDB id 1109 OK783 RS10670 WP 157147416.1         ...........GVASA.STIKGKYVQKVEVA.....KGVVTAQM...ASTGVNKEIQDKKLSLWA..........KRQDG   121
NTDB id 1119 NGFG RS11465 WP 017147169.1          ...........GVASPPTDIKGKYVKEVEVK.....NGVVTATM...LSSGVNNEIKGKKLSLWG..........RRENG   122
NTDB id 1424 RS RS02795 WP 011000517.1            ...........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYTT.AAGG.......GTLALVPTAAGTALPVSSAPSG   132
NTDB id 1002 ACIAD RS15100 WP 004923779.1         ....TAGSSCVGVQEISASNATTNVAT..ATCGASSAGQIIVTMDTTKAKG.......ANITLTP..........TYASG   126
NTDB id 1258 GCO85 RS09745 WP 014844212.1         ....TGYV.........SPAATPNVQS..IAIG..ANGVITITYTA.AAGG.......GTIIMTPT.........LQANG   114
NTDB id 1274 LPP RS09530 WP 011214168.1           ....TGYV.........SPAATPNVAS..IAIG..ANGVITITYTA.AAGG.......GTIVMTPT.........LQANG   114
NTDB id 1129786 AACL56 RS01860 WP 339088137.1     NGKDAG...........EKSTKYIESIAISKDDGSEGQITVTLKNNDSAGFPAEVKNTTLIFSPNVQK.A.A.LADKAG   144
NTDB id 1188 NELON RS01755 WP 003772458.1         NKTAAAGGGAGGAAAAGTQHASKYVKSVKVT..EASPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATSTG   149
consensus                                              *     *     *   **  *  ** *       * *****    * !        **  *  *              !
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logo
                                                  SVKWFCGQPVTRTGDNDDTV..ADANNAIDTKHLPSTCRDESSAT.
                                                  SVKWFCGQPVTRADDDTVAD..AKDGKEIDTKHLPSTCRDKASDAK
NTDB id 1109 OK783 RS10670 WP 157147416.1         SVKWFCGQPVTRTGDNDDTV..ADANNAIDTKHLPSTCRDESSAT.   164
NTDB id 1119 NGFG RS11465 WP 017147169.1          SVKWFCGQPVTRADDDTVAD..AKDGKEIDTKHLPSTCRDKASDAK   166
NTDB id 1424 RS RS02795 WP 011000517.1            PIMWTCYAQNKAQAASSVAP...SGTMSLAAKYAPAECR.......   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1         AVTWKCTTT..................S.DKKYVPSECRG......   147
NTDB id 1258 GCO85 RS09745 WP 014844212.1         DVTWTCTGG..................TLLAKYRPASCRP......   136
NTDB id 1274 LPP RS09530 WP 011214168.1           DVTWTCTGG..................TLLAKYRPASCRP......   136
NTDB id 1129786 AACL56 RS01860 WP 339088137.1     AIDWACGSITATTAGTR.GL.GSAATGTLPAKYAPAECR.......   181
NTDB id 1188 NELON RS01755 WP 003772458.1         AIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......   188
consensus                                          * ! !                     ** *!* !   !*
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X non conserved

X similar

X ≥ 50% conserved