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logo
                                                  MKAYKNKQKGFTLIELMIVVAIIGILAAIAIPQYQNYTARSQVSEGLAEITPLKTNYEEYIANGSPATTSTA
NTDB id 1119 NGFG RS11465 WP 017147169.1          .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV   73
NTDB id 1109 OK783 RS10670 WP 157147416.1         .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV   73
NTDB id 1424 RS RS02795 WP 011000517.1            MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV.....G   75
NTDB id 1002 ACIAD RS15100 WP 004923779.1         ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG   72
NTDB id 1184 GTF74 RS02335 WP 000649326.1         ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.   76
NTDB id 1167 A1552VC RS11065 WP 000649326.1       ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.   76
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTA.   76
NTDB id 1033403 AB8Z76 RS16940 WP 039568292.1    ........MKKQHGFTLIELMIVIAIIAILAAIALPQYQNYVAKSQVTAGLAELSPGKTQYETLLNE.GKGSTLTTADA.   70
NTDB id 1038 HON27 RS01510 WP 000993725.1         ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKL..SD.   68
NTDB id 1192 PAKAF RS23870 WP 024947914.1         ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSGTGTED   71
NTDB id 1197 PSJM300 03940 AFN76866.1             ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLTSTDE.   72
NTDB id 1204 PSJM300 03935 AFN76865.1             ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLVSSLP.   74
consensus                                                    **!!*!!!!!!!*!****!!!*!*! !**!  ** *  *** **  !* *** *   *  *      *
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logo
                                                  AVGFTRLGTTNMGTYTLYIAPTATGAGGTITYTTTSGDAGVLGKKLTLARDANGLWTC
NTDB id 1119 NGFG RS11465 WP 017147169.1          A........SP.PTDIKGKYV.K...............EVEVKNGVVTATMLSSGVNNEIKGKKLSLWGRRENGSVKWFC  128
NTDB id 1109 OK783 RS10670 WP 157147416.1         A........SA..STIKGKYV.Q...............KVEVAKGVVTAQMASTGVNKEIQDKKLSLWAKRQDGSVKWFC  127
NTDB id 1424 RS RS02795 WP 011000517.1            S..SV.....FTPTKNVANLTIAGT.GTVPGQITVTYTT.AAGGGTLALVPTAAG.......TAL.PVSSAPSGPIMWTC  138
NTDB id 1002 ACIAD RS15100 WP 004923779.1         S..SCVGVQEISASNATTNVATATCGASSAGQIIVTMDTTKAKGANITLT..................PTYASGAVTWKC  132
NTDB id 1184 GTF74 RS02335 WP 000649326.1         .....AGFTRLGTVEDMGDGKIV..........IAPTAS.GALGGTIKYTF....DAGVVSSSKI.QLA.RD.ANGLWTC  133
NTDB id 1167 A1552VC RS11065 WP 000649326.1       .....AGFTRLGTVEDMGDGKIV..........IAPTAS.GALGGTIKYTF....DAGVVSSSKI.QLA.RD.ANGLWTC  133
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        .....AGFTRLGTVEDMGDGKIV..........IAPTAS.GALGGTIKYTF....DAGVVSSSKI.QLA.RD.ANGLWTC  133
NTDB id 1033403 AB8Z76 RS16940 WP 039568292.1    .....VGLQASSTTNRCSTIT.V..........LAPDATTGAQTNALS.CTLA..GSPRIVGKKI.TWA.RD.TNGVWTC  128
NTDB id 1038 HON27 RS01510 WP 000993725.1         .....VGFTAA.TSSVCATYS.I..........DAFTE..TDGAGKIT.CTLK..GNPKIATKIV.ELT.RS.TDGAWTC  123
NTDB id 1192 PAKAF RS23870 WP 024947914.1         ATKKEVPLGVAADANKLGTIA.L..........K...PDPADGTADITLTFTMGGAGPKNKGKII.TLT.RTAADGLWKC  135
NTDB id 1197 PSJM300 03940 AFN76866.1             .....GYIGITDSTS.YCDVD.L..........D....TAADGH..IE.CTAKGGNAGKFDGKTI.TLN.RT.ADGEWSC  125
NTDB id 1204 PSJM300 03935 AFN76865.1             .....GFIGIGASTN.YCTVT.L..........I....ATATGS..IT.CTTQNGMPDRFNGKTI.TIA.RT.TDGLWDC  127
consensus                                                   **   *    *               * *   * **          *  * *  ** *  * **!*!
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logo
                                                  STTVTSKYAPKGCTRAGATIN
NTDB id 1119 NGFG RS11465 WP 017147169.1          GQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1109 OK783 RS10670 WP 157147416.1         GQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1424 RS RS02795 WP 011000517.1            YAQNKAQAASS.VAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1         TTTS..................DKKYVPSECRG...........   147
NTDB id 1184 GTF74 RS02335 WP 000649326.1         STTVTS..................EIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1       STTVTS..................EIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        STTVTS..................EIAPKGCTAGATIN......   153
NTDB id 1033403 AB8Z76 RS16940 WP 039568292.1    STDIATGD.............KAKFAPATCQ............   146
NTDB id 1038 HON27 RS01510 WP 000993725.1         VSDVPT..................EFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1         TSDQDE..................QFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1             ASTLDA..................KYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1             TSDLDS..................RYKPGKCL............   141
consensus                                         **  *                    **  !  !
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X non conserved

X similar

X ≥ 50% conserved