```
logo
                                                  ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1184 GTF74 RS02335 WP 000649326.1
NTDB id 1167 A1552VC RS11065 WP 000649326.1       ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAA    77
NTDB id 1292 VP RS12235 WP 005479693.1            ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAA......A    71
NTDB id 1197 PSJM300 03940 AFN76866.1             ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQ.AINEGKTPSLTSTDEG    73
NTDB id 1204 PSJM300 03935 AFN76865.1             ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQ.AISEGHTPSLVSSLPG    75
NTDB id 1354 HI 0299 AAC21963.1                   ..MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNET.........    69
NTDB id 1424 RS RS02795 WP 011000517.1            MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLS....VGS    76
NTDB id 1119 NGFG RS11465 WP 017147169.1          .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV    73
NTDB id 1109 OK783 RS10670 WP 157147416.1         .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV    73
NTDB id 1002 ACIAD RS15100 WP 004923779.1         ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG    72
NTDB id 1067420 ACHFB9 RS13835 WP 417067896.1     .......MNKMQKGFTLIELMIVVAIIGILAAIALPAYQDYTKRSHVTEGLTLAAGAKAAVTEFYSSKGAWPAANGSAGL    73
NTDB id 1258 GC085 RS09745 WP 014844212.1         ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
NTDB id 1274 LPP RS09530 WP 011214168.1           ........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY    71
consensus                                                 *  **!!*!!!!!!!*!****!!**!*!*!**!* *  *****      *  * *   * *  **      *
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logo
                                                  GFTRLGTVEDM.GDGKIVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQL.............ARDANGLWTCSTTV   137
NTDB id 1184 GTF74 RS02335 WP 000649326.1
NTDB id 1167 A1552VC RS11065 WP 000649326.1       GFTRLGTVEDM.GDGKIVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQL.............ARDANGLWTCSTTV   137
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        GFTRLGTVEDM.GDGKIVIAPTASGALG..GTIKYTFDA...GV.VSSSKIQL.............ARDANGLWTCSTTV   137
NTDB id 1292 VP RS12235 WP 005479693.1            TLAQLGVDVAA.NDL....GAIDSALAGGSPTLTFTFDA...DSSIDGGILTF.............TRDAATGWSCLPTA   130
NTDB id 1197 PSJM300 03940 AFN76866.1             Y.......IGITDSTSYC...DVDLDTAADGHIECTAK.GGNAGKFDGKTITL.............NRTADGEWSCAST.   128
NTDB id 1204 PSJM300 03935 AFN76865.1             F.......IGIGASTNYC...TVTLIATATGSITCTTQ.NGMPDRFNGKTITI.............ARTTDGLWDCTSD.   130
NTDB id 1354 HI 0299 AAC21963.1                   T.SCTGGKNGIAADIKTAKGYVASVI.TQSGGIT.........VKGNG.TLANME....YILQAKGNAAAGVTWTTTCKG   133
NTDB id 1424 RS RS02795 WP 011000517.1            S........VFTPTKNVANLTIAGTG.TVPGQITVTYT....TA.AGGGTLALVPTAAGTALPVSSAPSGPIMWTCYAQN   142
NTDB id 1119 NGFG RS11465 WP 017147169.1          A.S.........PPTDIKGKYVKEVE.VKNGVVTATMLSSGVNNEIKGKKLSL..........WGRRENGSVKWFCGQPV   132
NTDB id 1109 OK783 RS10670 WP 157147416.1         A.S.........A.STIKGKYVQKVE.VAKGVVTAQMASTGVNKEIQDKKLSL..........WAKRQDGSVKWFCGQPV   131
NTDB id 1002 ACIAD RS15100 WP 004923779.1         S.SCVGVQ.EISASNATTNVATATCGASSAGQIIVTMD....TTKAKGANITL..........TPTYASGAVTWKCTTT.   135
NTDB id 1067420 ACHFB9 RS13835 WP 417067896.1     A...........ADTSIKGNAVNSVA.VSGSLITVTFN....TKVAPGATLFL..........QGHDTNGTVSWTCTGG.   126
NTDB id 1258 GC085 RS09745 WP 014844212.1         V...........SPAATPN..VQSIAIGANGVITITYT....AAAGGGTIIMT..........PTLQANGDVTWTCTGG.   123
NTDB id 1274 LPP RS09530 WP 011214168.1           V...........SPAATPN..VASIAIGANGVITITYT....AAAGGGTIVMT..........PTLQANGDVTWTCTGG.   123
consensus                                                   *        *  ***     *  **  **          *   *  *                 *  *  !***
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logo
                                                  T..................SEIAPKGCTAGATIN.   153
NTDB id 1184 GTF74 RS02335 WP 000649326.1
NTDB id 1167 A1552VC RS11065 WP 000649326.1       T..................SEIAPKGCTAGATIN.   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1        T..................SEIAPKGCTAGATIN.   153
NTDB id 1292 VP RS12235 WP 005479693.1            ...................PAIAVDGCS.......   139
NTDB id 1197 PSJM300 03940 AFN76866.1             ................LDAKYKPGKCS.......   139
NTDB id 1204 PSJM300 03935 AFN76865.1             ................LDSRYKPGKCL.......   141
NTDB id 1354 HI 0299 AAC21963.1                   ................TDASLFPANFCGSVTK..   149
NTDB id 1424 RS RS02795 WP 011000517.1            KAQAAS.SVAPSGTMSLAAKYAPAECR.......   168
NTDB id 1119 NGFG RS11465 WP 017147169.1          TRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK   166
NTDB id 1109 OK783 RS10670 WP 157147416.1         TRTGDNDDTVADANNAIDTKHLPSTCRDESSAT.   164
NTDB id 1002 ACIAD RS15100 WP 004923779.1         ................SDKKYVPSECRG......   147
NTDB id 1067420 ACHFB9 RS13835 WP 417067896.1     ...............TLVSKYRPSNCR.......   138
NTDB id 1258 GC085 RS09745 WP 014844212.1         ...............TLLAKYRPASCRP......   136
NTDB id 1274 LPP RS09530 WP 011214168.1           ...............TLLAKYRPASCRP......   136
consensus                                                          *  *   *  *
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X non conserved
X similar
X $\geq$50% conserved