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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQENGIAAAATL....   73
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATT.A...   73
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATT.A...   73
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ...MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATT.A...   73
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVNE.GAVPTKLS....   67
NTDB id 1192 PA4525 NP 253215.1               ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALATINPLKTTVEESLSR.GIAGSKIKIGTT   71
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLV.....   70
NTDB id 36093 PSEST RS15975 WP 419184897.1    ..........MQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAVNE.GKTPSTT.....   64
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLT.....   68
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV   73
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG   72
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
NTDB id 1258 GC085 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY   71
consensus                                                **!!*!!!!!!!*!**!*!!!*!*!*!* !* ** *  *** **  ** *** *   *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ......AQLGVDVAANDL...GAID...SALAGGSPTLTFTFDAD..........SSIDGGILTF..TRDAATGWSCLPT   129
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ..GTAAGFTRLGTVEDMGDGKIVIA..PTASGALGGTIKYTFDAG..........VVSSSKIQL..ARDANGLWTCSTT   136
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ..GTAAGFTRLGTVEDMGDGKIVIA..PTASGALGGTIKYTFDAG..........VVSSSKIQL..ARDANGLWTCSTT   136
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ..GTAAGFTRLGTVEDMGDGKIVIA..PTASGALGGTIKYTFDAG..........VVSSSKIQL..ARDANGLWTCSTT   136
NTDB id 1038 HON27 RS01510 WP 000993725.1     ....DVGFTAATSSVCAT...YSID..AFTETDGAGKITCTLKGN..........PKIATKIVEL..TRSTDGAWTCVSD   126
NTDB id 1192 PA4525 NP 253215.1               ASTATETYVGVEPDANKL...GVIA..VAIEDSGAGDITFTFQTGTSS.......PKNATKVITL..NRTADGVWACKST   137
NTDB id 1204 PSJM300 03935 AFN76865.1         ..SSLPGFIGIGASTNYC...TVTL..IA...TATGSITCTTQNGMP........DRFNGKTITI..ARTTDGLWDCTSD   130
NTDB id 36093 PSEST RS15975 WP 419184897.1    ..AADPGYIGVGATTSYC...GVTV..TFTQATGVGSIACATTGGNA........GKFNSKTITL..NRTAEGAWSCAST   127
NTDB id 1197 PSJM300 03940 AFN76866.1         ..STDEGYIGITDSTSYC...DVDL..DT...AADGHIECTAKGGNA........GKFDGKTITL..NRTADGEWSCAST   128
NTDB id 1109 OK783 RS10670 WP 157147416.1     AS.....ASTI.......KGKYVQKVEV.....AKGVVTAQMAST...GVNKEIQ...DKKLSLWAKRQDGSVKWFCGQP   130
NTDB id 1424 RS RS02795 WP 011000517.1        .........GSSVF...TPTKNVANLTIAGTGTVPGQITVTYT.TAAGGGTLALVPTAAGTALPVSSAPSGPIMWTCYAQ   141
NTDB id 1002 ACIAD RS15100 WP 004923779.1     SS.....CVGVQEISASNATTNVATA..TCGASSAGQIIVTMDTTKAKGANITLTPT..........YASGAVTWKCTTT   135
NTDB id 1274 LPP RS09530 WP 011214168.1       V..............SPAATPNVASI..AIGA..NGVITITY.TAAAGGGTIVMTPTL.........QANGDVTWTCTGG   123
NTDB id 1258 GC085 RS09745 WP 014844212.1     V..............SPAATPNVQSI..AIGA..NGVITITY.TAAAGGGTIIMTPTL.........QANGDVTWTCTGG   123
consensus                                          ** **            *         *   * ** **  *                  * *   * * * !*! **
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ..................APA.IAVDGCS............   139
NTDB id 1184 GTF74 RS02335 WP 000649326.1     ..................VTSEIAPKGCTAGATIN......   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1   ..................VTSEIAPKGCTAGATIN......   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1    ..................VTSEIAPKGCTAGATIN......   153
NTDB id 1038 HON27 RS01510 WP 000993725.1     ..................VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PA4525 NP 253215.1               ..................QDPMFTPKGCDN...........   149
NTDB id 1204 PSJM300 03935 AFN76865.1         ..................LDSRYKPGKCL............   141
NTDB id 36093 PSEST RS15975 WP 419184897.1    ..................LDAKYKPGKCS............   138
NTDB id 1197 PSJM300 03940 AFN76866.1         ..................LDAKYKPGKCS............   139
NTDB id 1109 OK783 RS10670 WP 157147416.1     VTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1424 RS RS02795 WP 011000517.1        NKAQAA.SSVAPSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ................S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1       ................TLLAKYRPASCRP...........   136
NTDB id 1258 GC085 RS09745 WP 014844212.1     ................TLLAKYRPASCRP...........   136
consensus                                                      *  ** *  !
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X non conserved
X similar
X $\geq$ 50% conserved