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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1127 NGFG RS10560 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC.................................  46
NTDB id 1126 NGFG RS09375 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC.................................  46
NTDB id 1125 NGFG RS07215 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC.................................  46
NTDB id 1108 NGFG RS06525 WP 003703428.1     MSRGGATPYRFLLIRHIVARCGLLFATLKGKTMKKMFVLFCMLFSC.................................  46
NTDB id 1272 LPP RS04360 WP 010946546.1     ............................MKAR.......LIAILLSF..IVIP.......FSSQAENEPQKT.........  28
NTDB id 1249 GCO85 RS04230 WP 010946546.1   ............................MKAR.......LIAILLSF..IVIP.......FSSQAENEPQKT.........  28
NTDB id 1014 ACIAD RS13855 WP 004924483.1   ..........................MSIRHFFT...FFWATLLTLFSMQIVFAQGFDQQYDAWKTQQKAHDTRLNSSASH  52
NTDB id 1362 HI 1008 AAC22669.1             ................................M...KTLFTSVVLC.GALVV.......SSSFAEEKATXQTA..QSVVT  35
NTDB id 92218 vsple RS04410 WP 255231126.1  ................................M...KSLYTLLMSF.MIAFS.......ASVWAD.SPSKA.........  27
NTDB id 1159 ABDM36 RS04765 WP 001166105.1  ..........................MQIKTKIV...TLFLSL...C.LPTLP.......LLANAEETAPAA.........  32
NTDB id 1150 A1552VC RS08580 WP 001166105.1 ..........................MQIKTKIV...TLFLSL...C.LPTLP.......LLANAEETAPAA.........  32
NTDB id 1395 DSB67 RS04445 WP 010649155.1   ................................M...KWMLTL...C.LLILA.......PMSWAE.TKTKA.........  24
NTDB id 1294 VP RS04495 WP 021449594.1      ................................M...KWILTL...C.LVVFA.......PLSLAA..DTKA.........  23
consensus                                                                   ** * *     *  **  *                 *
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logo
NTDB id 1127 NGFG RS10560 WP 003703428.1     .........AFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAP  116
NTDB id 1126 NGFG RS09375 WP 003703428.1     .........AFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAP  116
NTDB id 1125 NGFG RS07215 WP 003703428.1     .........AFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAP  116
NTDB id 1108 NGFG RS06525 WP 003703428.1     .........AFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDLIKVKGIGPAVLAKLKDQASVGAP  116
NTDB id 1272 LPP RS04360 WP 010946546.1     .....PAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFV  103
NTDB id 1249 GCO85 RS04230 WP 010946546.1   .....PAKQVLVKGKINLNTADVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFV  103
NTDB id 1014 ACIAD RS13855 WP 004924483.1   HSLSKPTQQSGTGVKVNINSATAKELQQ.LHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI...  128
NTDB id 1362 HI 1008 AAC22669.1             TQAEAQVAPAVVSDKLNINTATASEIQKSLTGIGAKKAEAIVQYREKHGNFXNAEQLLEVQGIGKATLEKNRDRIIF...  112
NTDB id 92218 vsple RS04410 WP 255231126.1  .....EL.YEGIEVTVNINTATAEELSALLVGIGDKKAEEIVQYRDQHGAFQKPDDLANVKGIGVATVEKNRKRIEL...   98
NTDB id 1159 ABDM36 RS04765 WP 001166105.1  .....QV.EEGIVITVNINTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL...  103
NTDB id 1150 A1552VC RS08580 WP 001166105.1 .....QV.EEGIVITVNINTASAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL...  103
NTDB id 1395 DSB67 RS04445 WP 010649155.1   .....DK.YEGIEITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL...   95
NTDB id 1294 VP RS04495 WP 021449594.1      .....DK.YEGIEITVNINTASAEEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL...   94
consensus                                                 *   *!*!*!*  **   * !*! **! *!**!! * * !*****!  !*!!! * * ****** *
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logo
NTDB id 1127 NGFG RS10560 WP 003703428.1     APKGPAKPVLPAVKK   131
NTDB id 1126 NGFG RS09375 WP 003703428.1     APKGPAKPVLPAVKK   131
NTDB id 1125 NGFG RS07215 WP 003703428.1     APKGPAKPVLPAVKK   131
NTDB id 1108 NGFG RS06525 WP 003703428.1     APKGPAKPVLPAVKK   131
NTDB id 1272 LPP RS04360 WP 010946546.1      IN.............   105
NTDB id 1249 GCO85 RS04230 WP 010946546.1    IN.............   105
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ...............   128
NTDB id 1362 HI 1008 AAC22669.1              ...............   112
NTDB id 92218 vsple RS04410 WP 255231126.1   ...............    98
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   ...............   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  ...............   103
NTDB id 1395 DSB67 RS04445 WP 010649155.1    ...............    95
NTDB id 1294 VP RS04495 WP 021449594.1       ...............    94
consensus
```

X non conserved
X similar
X $\geq$ 50% conserved