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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 521 SMSK321 RS04960 WP 000443804.1   MESIIEKIKEYKIIVICTGLGLLVGGFFLLKPAPHTPVKETNLQAEVVAISKDSSTEKDVKKEEKEEPVEQDLITVDVKG   80
NTDB id 1272 LPP RS04360 WP 010946546.1      ..........................................................................MKARLIAIL...    9
NTDB id 1249 GC085 RS04230 WP 010946546.1    ..........................................................................MKARLIAIL...    9
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ..........................................................................MS.....IRHF...    6
NTDB id 1242 Cj0011c YP 002343483.1          ..............................................................................MKKL...    4
NTDB id 394968 GAY96 RS04755 WP 265574502.1  ..............................................................................MQWI...    4
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   ..........................................................................MQIKTKIVTLF...   11
NTDB id 1150 A1552VC RS08580 WP 001166105.1  ..........................................................................MQIKTKIVTLF...   11
NTDB id 1294 VP RS04495 WP 021449594.1       ..............................................................................MKWI...    4
NTDB id 1395 DSB67 RS04445 WP 010649155.1    ..............................................................................MKWM...    4
consensus                                                                                                                  *   **  **
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 521 SMSK321 RS04960 WP 000443804.1   AVKSPGIYDLSVGSRVNDAVQKAGGLTEQADSKSLNLAQKVSDEALVYVPTKGEESASQHIGSGAPSSTSKDKKINLNKA  160
NTDB id 1272 LPP RS04360 WP 010946546.1      ....LSFIVIP.......................................FSSQAENEPQKTPAKQVLVKGKINLNTA   44
NTDB id 1249 GC085 RS04230 WP 010946546.1    ....LSFIVIP.......................................FSSQAENEPQKTPAKQVLVKGKINLNTA   44
NTDB id 1014 ACIAD RS13855 WP 004924483.1    ....FTFFWATLLTLFSMQIVFAQGFDQQYDAW..KTQQKAH.......DTRLNSSASHHSLSKPTQQSGTGVKVNINSA   73
NTDB id 1242 Cj0011c YP 002343483.1          ....LFLFFA.........................................................LTAFLFGAVNINTA   24
NTDB id 394968 GAY96 RS04755 WP 265574502.1  ....KHLFAAILLSA.....................................SLLA......GAAEPTDAKININTA   34
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   ....LSLCLPTLPLL.....................................ANAEETAPAAQVEEGIVITVNINTA   47
NTDB id 1150 A1552VC RS08580 WP 001166105.1  ....LSLCLPTLPLL.....................................ANAEETAPAAQVEEGIVITVNINTA   47
NTDB id 1294 VP RS04495 WP 021449594.1       ....LTLCLVVFAPL.....................................SLAA..DTKADKYEGIEITVNINTA   38
NTDB id 1395 DSB67 RS04445 WP 010649155.1    ....LTLCLLILAPM.....................................SWAE.TKTKADKYEGIEITVNVNSA   39
consensus                                        *** ** *  *                                     *    *   *    *** ***!*!*!
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 521 SMSK321 RS04960 WP 000443804.1   SLEELK.QVKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTIEKLKDYVTVD....   216
NTDB id 1272 LPP RS04360 WP 010946546.1      DVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1249 GC085 RS04230 WP 010946546.1    DVYSLTGSFKGIGKKRAEAIIAYRENHQGFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN   105
NTDB id 1014 ACIAD RS13855 WP 004924483.1    TAKELQ.QLHGVGEKKALAIVEYRQQYGKFASVDDLQKVKGIGPKFIEKNRDRLAI.....   128
NTDB id 1242 Cj0011c YP 002343483.1          TLKELK.SLNGIGEAKAKAILEYRKE.ANFTSIDDLKKVKGIGDKLFEKIKNDITIE....    79
NTDB id 394968 GAY96 RS04755 WP 265574502.1  SAAELS.QLNGIGKAKAEAIVQFREQQGGFKSVDELTQIKGIGAAIVDKNRARLTLE....    90
NTDB id 1159 ABDM36 RS04765 WP 001166105.1   SAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....   103
NTDB id 1150 A1552VC RS08580 WP 001166105.1  SAEELATLLKGIGLKKAQAIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL.....   103
NTDB id 1294 VP RS04495 WP 021449594.1       SAEEIATMLKGIGEKKAQSIVDYRTEHGPFKTAADLTNVKGIGEATIKKNEDRILL.....    94
NTDB id 1395 DSB67 RS04445 WP 010649155.1    TAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLTKVKGIGEATVRKNEDRILL.....    95
consensus                                    ** **   **!*! **!**!***!*  * !*****!* **!!!************ *
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X non conserved

X similar

X $\geq$ 50% conserved