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|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----|
| NTDB id 1159 ABDM36 RS04765 WP 001166105.1    | .....VEEGIVITVNINTASAEELATLLKGI <del>GL</del> KKAAQIVDYREANGPFTHIDDLTNVKGIG <del>EATV</del>                             | 94  |
| NTDB id 1150 A1552VC RS08580 WP 001166105.1   | .....VEEGIVITVNINTASAEELATLLKGI <del>GL</del> KKAAQIVDYREANGPFTHIDDLTNVKGIG <del>EATV</del>                             | 94  |
| NTDB id 1395 DSB67 RS04445 WP 010649155.1     | .....KYEGIEITVNVNSATAQEIATLLIGIGEKKAQDIVEYRNEHGPFKTAADLT <del>TKVKGIG<del>EATV</del></del>                              | 86  |
| NTDB id 1362 HI 1008 AAC22669.1               | QAEA.....QVAPAVVSDKLNINTATASEIQKSLTGIGAKKA <del>EAI</del> VQYREKHGNFXNAEQLLEVQGIGKATL                                   | 103 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1     | QQ.V.....AATQKVNAVNVNINTATASEIQDKLVGIGAKKAQAI <del>VEYREKNGKFLNVEQLTEVSGIGKATL</del>                                    | 103 |
| NTDB id 595 KW2 RS08725 WP 021037687.1        | .....S.....S.VSNQISTTSGPKVNINKADITELQK.LTGIGQKKAQDIIDFRMKN <del>GDFKSI</del> EDLGKVS <del>SGFGDKTL</del>                | 208 |
| NTDB id 521 SMSK321 RS04960 WP 000443804.1    | .....SSTS <del>SKDKKIN</del> LNKASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTI                                        | 206 |
| NTDB id 493 SM12261 RS04300 WP 000387351.1    | .....SSTSKEKKVNLN <del>KA</del> ASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGAKTI                                        | 206 |
| NTDB id 263 KZH43 RS04195 WP 000387330.1      | .....SSISKEKKVNLN <del>KA</del> ASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI                                        | 206 |
| NTDB id 222 SPD RS04535 WP 000387330.1        | .....SSISKEKKVNLN <del>KA</del> ASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI                                        | 206 |
| NTDB id 188 SPR RS04295 WP 000387330.1        | .....SSISKEKKVNLN <del>KA</del> ASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI                                        | 206 |
| NTDB id 153 SP RS04730 WP 000387344.1         | .....SSTSKEKKVNLN <del>KA</del> ASLEELKQ.VKGLGGKRAQDIIDHREANGKFKSVDELKKVSGIGGKTI                                        | 206 |
| NTDB id 1069 ABD1 RS03060 WP 043960841.1      | KLNISKSSHSNSSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGIGEKKAAQAI <del>VEYRQKNGSFKNIDEIKNVKGIGPAIF</del>                           | 127 |
| NTDB id 1041 HON27 RS14740 WP 005124713.1     | KLNITKSSHSNGSKISQTKNFNDSTGQIHLNQANVNEFQQ.LKGVGEKKAAQAI <del>VEYRQKNGSFKNIDEIKNVKGIGPAIF</del>                           | 127 |
| NTDB id 105 BSU 25590 NP 390437.1             | QGGG.....GSV.....QSDGGKGALVNINTATLEELQG.ISGVGPSKAE <del>EAI</del> IAYREENGRFQTIEDITKVSIGIG <del>EKS</del> F             | 195 |
| NTDB id 36 MW RS08230 WP 001793467.1          | QIGVNSV.....HV.....KNGNTNNTKVNLNTASVSELMS.VPGVGQAKANA <del>IVEYRNQ</del> QGA <del>FQE</del> IDDLK <del>VKVGFGSKTF</del> | 219 |
| NTDB id 20 SA RS08005 WP 001802022.1          | QIEVNSV.....HV.....KNGNTNNTKVNLNTASVSELMS.VPGVGQAKANA <del>IVEYRNQ</del> QGA <del>FQE</del> IDDLK <del>VKVGFGSKTF</del> | 219 |
| NTDB id 1014 ACIAD RS13855 WP 004924483.1     | RLNSSASHHSLSKP...TQQSGTGVKVNINSATAKELQQ.LHGVGEKKALAI <del>VEYRQQY</del> GKFASVDDLQK <del>VKGIGPKFI</del>                | 119 |
| NTDB id 1066715 ACH6FF RS00055 WP 002853093.1 | .....ALTAFLFGAVNINTATIKELKS.LNGIGEAKAKAILEYRKE. <del>ANFTS</del> IDDLK <del>VKGIGDKLF</del>                             | 69  |
| NTDB id 1242 Cj0011c YP 002343483.1           | .....ALTAFLFGAVNINTATIKELKS.LNGIGEAKAKAILEYRKE. <del>ANFTS</del> IDDLK <del>VKGIGDKLF</del>                             | 69  |
| NTDB id 1127 NGFG RS10560 WP 003703428.1      | .....FSCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDL <del>IKVKGIGPAVL</del>                                         | 104 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1      | .....FSCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDL <del>IKVKGIGPAVL</del>                                         | 104 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1      | .....FSCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDL <del>IKVKGIGPAVL</del>                                         | 104 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1      | .....FSCAFSLAAVNINAASQQELEA.LPGIGPAKAKAIAEYRAQNGAFKSVDDL <del>IKVKGIGPAVL</del>                                         | 104 |
| consensus                                     | ***! !*! !* * !*! ***!***!***! ** !***** *!***! ***                                                                     |     |

logo

|                                               |                             |     |
|-----------------------------------------------|-----------------------------|-----|
| NTDB id 1159 ABDM36 RS04765 WP 001166105.1    | RNNAARILL.....              | 103 |
| NTDB id 1150 A1552VC RS08580 WP 001166105.1   | RNNAARILL.....              | 103 |
| NTDB id 1395 DSB67 RS04445 WP 010649155.1     | RKNEDRILL.....              | 95  |
| NTDB id 1362 HI 1008 AAC22669.1               | EKNRDRIIF.....              | 112 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1     | EKNRDCIVIE.....             | 113 |
| NTDB id 595 KW2 RS08725 WP 021037687.1        | EKLKDEISID.....             | 218 |
| NTDB id 521 SMSK321 RS04960 WP 000443804.1    | EKLKDYVTVD.....             | 216 |
| NTDB id 493 SM12261 RS04300 WP 000387351.1    | EKLKDYVTVD.....             | 216 |
| NTDB id 263 KZH43 RS04195 WP 000387330.1      | EKLKDYVTVD.....             | 216 |
| NTDB id 222 SPD RS04535 WP 000387330.1        | EKLKDYVTVD.....             | 216 |
| NTDB id 188 SPR RS04295 WP 000387330.1        | EKLKDYVTVD.....             | 216 |
| NTDB id 153 SP RS04730 WP 000387344.1         | EKLKDYVTVD.....             | 216 |
| NTDB id 1069 ABD1 RS03060 WP 043960841.1      | EKNKSRLAL.....              | 136 |
| NTDB id 1041 HON27 RS14740 WP 005124713.1     | EKNKSRLAL.....              | 136 |
| NTDB id 105 BSU 25590 NP 390437.1             | EKIKSSITVK.....             | 205 |
| NTDB id 36 MW RS08230 WP 001793467.1          | DKLKSYFTI.....              | 228 |
| NTDB id 20 SA RS08005 WP 001802022.1          | DKLKSYFTI.....              | 228 |
| NTDB id 1014 ACIAD RS13855 WP 004924483.1     | EKNRDRLAI.....              | 128 |
| NTDB id 1066715 ACH6FF RS00055 WP 002853093.1 | EKIKNDITIE.....             | 79  |
| NTDB id 1242 Cj0011c YP 002343483.1           | EKIKNDITIE.....             | 79  |
| NTDB id 1127 NGFG RS10560 WP 003703428.1      | AKLKDQASVGAPAPKGPAPVLPVAVKK | 131 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1      | AKLKDQASVGAPAPKGPAPVLPVAVKK | 131 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1      | AKLKDQASVGAPAPKGPAPVLPVAVKK | 131 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1      | AKLKDQASVGAPAPKGPAPVLPVAVKK | 131 |
| consensus                                     | *~*~*~ ~*~                  |     |

 non conserved  
 similar  
  $\geq 50\%$  conserved