

logo

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|---|--|--|-------|----|
| | | MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAQPVPKETNLQAEVAAVSKDSSTEKEVKKKEEKEEPLEQDLITVDVKG | MSRGG | |
| NTDB id 153 SP RS04730 WP 000387344.1 | | MEAIIEKIKEYKIIVICTGLGLLVGGFFLLKPAQPVPKETNLQAEVAAVSKDSSTEKEVKKKEEKEEPLEQDLITVDVKG | | 80 |
| NTDB id 1127 NGFG RS10560 WP 003703428.1 | |MSRGG | | 5 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1 | |MSRGG | | 5 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1 | |MSRGG | | 5 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1 | |MSRGG | | 5 |
| NTDB id 1272 LPP RS04360 WP 010946546.1 | | | | 0 |
| NTDB id 1249 GC085 RS04230 WP 010946546.1 | | | | 0 |
| NTDB id 1159 ABDM36 RS04765 WP 001166105.1 | | | | 0 |
| NTDB id 1150 A1552VC RS08580 WP 001166105.1 | | | | 0 |
| NTDB id 1395 DSB67 RS04445 WP 010649155.1 | | | | 0 |
| NTDB id 377926 FR729 RS02840 WP 031777211.1 | | | | 0 |
| NTDB id 1294 VP RS04495 WP 021449594.1 | | | | 0 |
| NTDB id 1362 HI 1008 AAC22669.1 | | | | 0 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1 | | | | 0 |
| consensus | | | | |

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|---|--|---|--|-----|
| | | AVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSLSLNLAAQKVSDEALVYVPTK.GEEAVSQQT.....GSGTASSTSK | | |
| NTDB id 153 SP RS04730 WP 000387344.1 | | AVKSPGIYDLPVGSRVNDVAVQKAGGLTEQADSLSLNLAAQKVSDEALVYVPTK.GEEAVSQQT.....GSGTASSTSK | | 151 |
| NTDB id 1127 NGFG RS10560 WP 003703428.1 | | A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL..... | | 50 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1 | | A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL..... | | 50 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1 | | A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL..... | | 50 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1 | | A..TP..YRFL...IRHIVARCGLLFATLKGKTMKKMF.VLFCMLFSCAFSL..... | | 50 |
| NTDB id 1272 LPP RS04360 WP 010946546.1 | |MKAR.....LI.AILLSFIVIPFSSQAENEPQK.....TPAKQVLV | | 35 |
| NTDB id 1249 GC085 RS04230 WP 010946546.1 | |MKAR.....LI.AILLSFIVIPFSSQAENEPQK.....TPAKQVLV | | 35 |
| NTDB id 1159 ABDM36 RS04765 WP 001166105.1 | |MQIKTKI.VTLF.LSLCLPTLPLLANAEETAPAA.....QVEEGI | | 38 |
| NTDB id 1150 A1552VC RS08580 WP 001166105.1 | |MQIKTKI.VTLF.LSLCLPTLPLLANAEETAPAA.....QVEEGI | | 38 |
| NTDB id 1395 DSB67 RS04445 WP 010649155.1 | |MKWM.LTLCLLILAPMSWAE.TKTKA.....DKYEGI | | 30 |
| NTDB id 377926 FR729 RS02840 WP 031777211.1 | |MKWI.LTLCVLFVAFPSMAA.DSAT.....DKYEGI | | 29 |
| NTDB id 1294 VP RS04495 WP 021449594.1 | |MKWI.LTLCVLFVAFPSMAA.DSAT.....DKYEGI | | 29 |
| NTDB id 1362 HI 1008 AAC22669.1 | |MKTL...FTS.VVLCGALVVSSFAEEKATXQTAQSVVTTQAEAQVAVV | | 47 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1 | |MKKLS.RYTF.SLLFG.LFSATTFAEKVTSTTEHTPVVMQ.VAATQKVN | | 47 |
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| | | EKKVNLNKASLEEL.KQVKGKLGKRAQDIIDHREANGKFKSVDELKVVSGIGGKTIKLDYVTVD..... | | |
| NTDB id 153 SP RS04730 WP 000387344.1 | | EKKVNLNKASLEEL.KQVKGKLGKRAQDIIDHREANGKFKSVDELKVVSGIGGKTIKLDYVTVD..... | | 216 |
| NTDB id 1127 NGFG RS10560 WP 003703428.1 | | .AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP | | 128 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1 | | .AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP | | 128 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1 | | .AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP | | 128 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1 | | .AAVNINAASQQEL.EALPGIGPAKAKAIAEYRAQNGAFKSVDDLKVKGIGPAVLAKLKDQASVGAPAPKGPAPVLP | | 128 |
| NTDB id 1272 LPP RS04360 WP 010946546.1 | | KGKINLNTADVSLTGSFKGIGKRAEAIYAYRENHQQFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN..... | | 105 |
| NTDB id 1249 GC085 RS04230 WP 010946546.1 | | KGKINLNTADVSLTGSFKGIGKRAEAIYAYRENHQQFKSLEELAEVKGIGQRFVDKNREKLKEIFVIN..... | | 105 |
| NTDB id 1159 ABDM36 RS04765 WP 001166105.1 | | VITVNINTASAEELATLLKIGLKKAAQIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL..... | | 103 |
| NTDB id 1150 A1552VC RS08580 WP 001166105.1 | | VITVNINTASAEELATLLKIGLKKAAQIVDYREANGPFTHIDDLTNVKGIGEATVRNNAARILL..... | | 103 |
| NTDB id 1395 DSB67 RS04445 WP 010649155.1 | | EITVNVNSATAQEIATLLIGIGEKKAQDIVYREHGPFKTAADLTNKGIGEATVRKNEDRILL..... | | 95 |
| NTDB id 377926 FR729 RS02840 WP 031777211.1 | | EITVNVNSATAQEIATLLIGIGEKKAQDIVYREHGPFKTAADLTNKGIGEATVRKNEDRILL..... | | 94 |
| NTDB id 1294 VP RS04495 WP 021449594.1 | | EITVNVNSATAQEIATLLIGIGEKKAQDIVYREHGPFKTAADLTNKGIGEATVRKNEDRILL..... | | 94 |
| NTDB id 1362 HI 1008 AAC22669.1 | | SDKLNINTATASEIQKSLTGIGAKKAEAVYREKHNFXNAEQLLEVQIGKATLEKNRDRIF..... | | 112 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1 | | ANVNVNINTATASEIQDKLVGIGAKKAAIVEYREKNGKFLNVEQLTEVSGIGKATLEKNRDCIVTE..... | | 113 |
| consensus | | ***** ** * !!! **! *!!!!* ** !***** !!!!! ** * ***** * | | |

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|---|-----|-----|
| NTDB id 153 SP RS04730 WP 000387344.1 | ... | 216 |
| NTDB id 1127 NGFG RS10560 WP 003703428.1 | VKK | 131 |
| NTDB id 1126 NGFG RS09375 WP 003703428.1 | VKK | 131 |
| NTDB id 1125 NGFG RS07215 WP 003703428.1 | VKK | 131 |
| NTDB id 1108 NGFG RS06525 WP 003703428.1 | VKK | 131 |
| NTDB id 1272 LPP RS04360 WP 010946546.1 | ... | 105 |
| NTDB id 1249 GC085 RS04230 WP 010946546.1 | ... | 105 |
| 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 377926 FR729 RS02840 WP 031777211.1 | ... | 94 |
| NTDB id 1294 VP RS04495 WP 021449594.1 | ... | 94 |
| NTDB id 1362 HI 1008 AAC22669.1 | ... | 112 |
| NTDB id 1382 A4U84 RS07375 WP 062924234.1 | ... | 113 |

consensus

VKK

 non conserved
 similar
 ≥ 50% conserved