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| | | | |
| NTDB id 1203 | PSJM300 01605 AFN76401.1 | MEFKLLRLMVEKGCSDLIFTACVPPSMKVNCKILPVNKTPTMSPEMTRETWHGVNNEQQRREFTENHFCNFAISAR | 76 |
| NTDB id 1177 | A1552VC RS01165 WP 000422572.1 | MELNQYLDGMLTHKASDLYITVGAPILYRVDGELRAQGEA.LSVADVTAALHAMDDARQAEFKQTRANFAV.VR | 74 |
| NTDB id 1112947 | K2J21 RS17980 WP 003860028.1 | MDVEEIVALSVKHNVSDDLHLCSDSPRRWRRSGRLEPAPFP...PDVEALLKAWLNDEQGGAWWANGVDFAVTLT | 73 |
| NTDB id 1307 | DR RS10055 WP 010888596.1 | MTSGIDITDILRLAADKGASDITLAACIPPFQKISCDYDAQGFEPISASDTRKLMYSMMNERQQRIEERELDFSFALG | 80 |
| NTDB id 1086 | NMV RS00245 WP 002218487.1 | MQITDLLAFGAKNKASDLHLSSGISTPMIRVHCDMRRINLPESAEVGNMVTSMNDHQRKIYQQNLEVDFSFELP | 76 |
| NTDB id 1116 | NGFG RS10615 WP 003690200.1 | MQITDLLAFGAKNKASDLHLSSGISTPMIRVHCDMRRINLPESAEVGNMVTSMNDHQRKIYQQNLEVDFSFELP | 76 |
| NTDB id 1185 | GTF74 RS11940 WP 000350195.1 | MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP | 76 |
| NTDB id 1176 | A1552VC RS01160 WP 000350195.1 | MDIAELLEFSVKHNASDLHLSAGVPPMVRIDGEVRKLGVPAFTHSDVHRLIFEIMNDAQRSEYEEKLEVDFSFELP | 76 |
| NTDB id 1283 | ACE17W RS02630 WP 010947729.1 | MDIAELLEFSVKNKSSDLHLISAGMPPMIRVDGDLRKINLPLEHKDVIKIITYDIMNDRQRKEYEYEFFETDFSFEIA | 76 |
| NTDB id 1259 | GCO85 RS10305 WP 010947729.1 | MDIAELLEFSVKNKSSDLHLISAGMPPMIRVDGDLRKINLPLEHKDVIKIITYDIMNDRQRKEYEYEFFETDFSFEIA | 76 |
| NTDB id 1202 | PSJM300 01600 AFN76400.1 | MDITELLAFSAKGGASDLHLSSGILPPMIRVDGCVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP | 76 |
| NTDB id 1194 | PAKAF RS01995 WP 003084552.1 | MDITELLAFSAKGGASDLHLISAGLPPMIRVDGCVRRINLPAMDHKQVHALIYDIMNDKQRKDFEEFLETDFSFEVP | 76 |
| NTDB id 1020 | ACIAD RS04210 WP 011182164.1 | MDITELLAFSVQRASDLHLSAGLPPMIRVDGEVRRINLPAMDHSEVHNLIYDIMNDKQRDRYEEKLETDFSFEVP | 76 |
| NTDB id 1060 | ABD1 RS04380 WP 000355489.1 | MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALBHKDVHRLVYDIMNDKQRDRYEEKLETDFSFEVP | 76 |
| NTDB id 1040 | HON27 RS13360 WP 000355489.1 | MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALBHKDVHRLVYDIMNDKQRDRYEEKLETDFSFEVP | 76 |
| NTDB id 1081 | FDQ49 RS05335 WP 006581387.1 | MDITELLAFSVKNGASDLHLSAGMPPMIRVDGEVRRINLPALBHKDVHRLVYDIMNDKQRDRYEEKLETDFSFEVP | 76 |
| consensus | | *****!*****!***** * * * * *****!***** * * * * ***** | |

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| NTDB id 1203 | PSJM300 01605 AFN76401.1 | GICRFRVSAFYQRNLAGMVLRRRIETINPTIEDLKLDPVLKKLALTKRGLVLFVGAFTGKSTSLAAMIGYRNKNSSGHI | 156 |
| NTDB id 1177 | A1552VC RS01165 WP 000422572.1 | DSCRFRVSAFFQRELPGAVIRRIETIRIPTFEELKLEPEVLQNLAIARGLVLVVGATGSGKSTTMAAMTGYRNQHRITGHIL | 154 |
| NTDB id 1112947 | K2J21 RS17980 WP 003860028.1 | GGQRLRGSFAFKHMGVSIARLLPLTCPQLSALCVPRAIPELNSNDNGLTLVTGATGSGKSTTLAAMVDFLNHQTDGHIL | 153 |
| NTDB id 1307 | DR RS10055 WP 010888596.1 | DKARFRVNAFMQRGNVGVMLRLLIPTVVRTIAEMGLPQTVIDIANAPRGLVLVTGPTGSGKSTTLAAMIDHINTTKLHIL | 160 |
| NTDB id 1086 | NMV RS00245 WP 002218487.1 | NVARFRVNAFNIIGRGPAAVFRITIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYNETQPAHIL | 156 |
| NTDB id 1116 | NGFG RS10615 WP 003690200.1 | NVARFRVNAFNTIGRGPAAVFRITIPSTVLSLEELKAPSIQKIAESPRGMVLVTGPTGSGKSTTLAAMINYNETQPAHIL | 156 |
| NTDB id 1185 | GTF74 RS11940 WP 000350195.1 | NVCRFRVNAFHQARGCSAVFRITIPVITPLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVYNVAHNNKHIL | 156 |
| NTDB id 1176 | A1552VC RS01160 WP 000350195.1 | NVCRFRVNAFHQARGCSAVFRITIPVITPLEQLDAPEIFSKIANYEKGLVLVTGPTGSGKSTTLAAMVYNVAHNNKHIL | 156 |
| NTDB id 1283 | ACE17W RS02630 WP 010947729.1 | NLARFRVNAFNQSRGAAAVFRITIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAMVDYINSSRYEHIL | 156 |
| NTDB id 1259 | GCO85 RS10305 WP 010947729.1 | NLARFRVNAFNQSRGAAAVFRITIPSEILSMEDLGLPPIFKEMASFSRGLVLVTGPTGSGKSTTLAAMVDYINSSRYEHIL | 156 |
| NTDB id 1202 | PSJM300 01600 AFN76400.1 | GVARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLCMGEVFRKTDVPRGLVLVTGPTGSGKSTTLAAMVDYINNTKYHHIL | 156 |
| NTDB id 1194 | PAKAF RS01995 WP 003084552.1 | GVARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLCMGEVFRKTDVPRGLVLVTGPTGSGKSTTLAAMVDYINNTKYHHIL | 156 |
| NTDB id 1020 | ACIAD RS04210 WP 011182164.1 | NLARFRVNVFNQNRGAGAVFRITIPSKVLTLEELGLGKIFRDI CDYPRGLVLVTGPTGSGKSTTLAAMVDYINNHRYDHIL | 156 |
| NTDB id 1060 | ABD1 RS04380 WP 000355489.1 | NVARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMVDYINENRYDHIL | 156 |
| NTDB id 1040 | HON27 RS13360 WP 000355489.1 | NVARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMVDYINENRYDHIL | 156 |
| NTDB id 1081 | FDQ49 RS05335 WP 006581387.1 | NVARFRVNAFNQNRGAGAVFRITIPSKVLTMEDLGLGQIFKDI CDYPRGLVLVTGPTGSGKSTTLAAMVDYINENRYDHIL | 156 |
| consensus | | ***!***!*** *****!***** ***** ***** * * * * *!***!***!***!***!***!***!***!***!***!*** | |

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| NTDB id 1203 PSJM300 01605 AFN76401.1 | FDQALYNLYVQGEITTYEDALLHADSSNLRRLMIKLGSETDG.EHLTSVVSQGLTL...EMSDDDPGRSFR..... | 381 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | FDQALYQLVDDDKISEQDALHSADSANLRLMLKTKRGDDY.GSG..SLQNVKI....DME..... | 368 |
| NTDB id 1112947 K2J21 RS17980 WP 003860028.1 | FEQSLAERRAQQRI..... | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1 | MDAYLAGLFRHLITTYDKLERALDPKIFARLANDASAGLGGASMTPAAPPVPAYNSASSSSTGRGGDFGRGAAAPATPA | 400 |
| NTDB id 1086 NMV RS00245 WP 002218487.1 | MDQSLQSLVRQGLIAPEVARRRAQNSEMSF..... | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1 | MDQSLQSLVRQGLIAPEAARRRAQNSEMSF..... | 347 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1 | MEQNAKQLIARGVVDAAQEVQSKIELDLKAF..... | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | MEQNAKQLIARGVVDAAQEVQSKIELDLKAF..... | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1 | LDQHLTELVNKNIISKHTAHEAALNK.SLF..... | 344 |
| NTDB id 1259 GCO85 RS10305 WP 010947729.1 | LDQHLTELVNKNIISKHTAHEAALNK.SLF..... | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1 | LDQSLKGLIAKGLISRDSAKEKAKQP.ENF..... | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1 | LDQSLKGLIAKGLISRDSAKEKAKQP.ENF..... | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1 | LDQSLKGLIAKGLINLPTARAVAKSP.ESF..... | 344 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1 | LDQSLKGLVARGVISPQTARTAAKQP.ESFL..... | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1 | LDQSLKGLVARGVISPQTARTAAKQP.ESFL..... | 345 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1 | LDQSLKGLVARGVISPQTARTAAKQP.ESFL..... | 345 |
| consensus | *** * ** ***** * * * * | |



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| NTDB id 1203 PSJM300 01605 AFN76401.1 | | 381 |
| NTDB id 1177 A1552VC RS01165 WP 000422572.1 | | 368 |
| NTDB id 1112947 K2J21 RS17980 WP 003860028.1 | ..... | 326 |
| NTDB id 1307 DR RS10055 WP 010888596.1 | APAAGRSEPGRAGGFGRR | 418 |
| NTDB id 1086 NMV RS00245 WP 002218487.1 | ..... | 347 |
| NTDB id 1116 NGFG RS10615 WP 003690200.1 | ..... | 347 |
| NTDB id 1185 GTF74 RS11940 WP 000350195.1 | ..... | 345 |
| NTDB id 1176 A1552VC RS01160 WP 000350195.1 | ..... | 345 |
| NTDB id 1283 ACE17W RS02630 WP 010947729.1 | ..... | 344 |
| NTDB id 1259 GCO85 RS10305 WP 010947729.1 | ..... | 344 |
| NTDB id 1202 PSJM300 01600 AFN76400.1 | ..... | 344 |
| NTDB id 1194 PAKAF RS01995 WP 003084552.1 | ..... | 344 |
| NTDB id 1020 ACIAD RS04210 WP 011182164.1 | ..... | 344 |
| NTDB id 1060 ABD1 RS04380 WP 000355489.1 | ..... | 345 |
| NTDB id 1040 HON27 RS13360 WP 000355489.1 | | 345 |
| NTDB id 1081 FDQ49 RS05335 WP 006581387.1 | | 345 |
| consensus | | |

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- non conserved
- similar
- ≥ 50% conserved