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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1        MITILSSHHYHTIKVWYVLQ....HSLSGFKKLIHYFGDCETALQPQRLSDWQKLGLHANHLKR..LEEVHTLQGQQQFE   74
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1    MLNQLSPHHYPTVLVWYLVQ....HSLSSFHKIQQYFGSCEQATQPQRFSEWEQLGLHANHLKR..LKEFQTAQGQQQFE   74
NTDB id 1073 ABD1 RS00865 WP 015451369.1         MLTQLSSHHYHTLKVWYLVQ....HSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKR..VNEFQTTQGQAQFE   74
NTDB id 1043 HON27 RS16615 WP 168727007.1        MLTQLSSHQYHTLKVWYLVQ....HSLVSFKKIIDYFGNCEKATQPDGLAKWSSLGLHANHLKR..VNEFQTPQGQAQFE   74
NTDB id 1152 A1552VC RS00200 WP 000654772.1      .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQS..FTPKQWLACGLKPEQLVF......LTTQAAKQAE   65
NTDB id 1094 KZH42 RS01320 WP 002224767.1        .......MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNAL..SAPAEQVAALIRHKQALEAWRNAEKRALARQAAE   71
NTDB id 1089 NMB RS00600 WP 002224767.1          .......MTEDERFAWLQLAFTPYIGAESFLLLMRRFGSAQNAL..SAPAEQVAALIRHKQALEAWRNAEKRALARQAAE   71
consensus                                        **  ** * * ** *!****    *** ** *** *** ** **** * ***  **********  ***  * ******!
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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1        KML.AQLQTHTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYI   153
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1    QLL.QLICRHSDFILTPDDIGYPTQLLPYSDRPPILFGQGQAQALLQPQIAMVGSRKPSPHGRQVAYDFAYYLSEKGFYI   153
NTDB id 1073 ABD1 RS00865 WP 015451369.1         QLV.QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFI   153
NTDB id 1043 HON27 RS16615 WP 168727007.1        QLV.QQVRQHTDFILTPDDSGYPTQLLPYTDHPPIIFGKGQAQALLQPQIAIVGSRKPSPHGRQVAYDFAYYLSEKGFFI   153
NTDB id 1152 A1552VC RS00200 WP 000654772.1      QCLQWRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVV   145
NTDB id 1094 KZH42 RS01320 WP 002224767.1        AALEWEMRDGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPV   150
NTDB id 1089 NMB RS00600 WP 002224767.1          AALEWEMRDGCRLMLL.QDEDFPEMLTQGLTAPPVLFLRGNVQLLHKPSAAIVGSRHATPQAMRIAKDFGKSLGGKGIPV   150
consensus                                        ***   ** ********* **!**!*** * !!**!**!* *****!**!*!!!!*********!**!***!***!***
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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1        TSGLAHGIDEAAHQGSLVH.HRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSL   232
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1    SSGLAHGIDQAAHQGGLAH.QRTIAVTGTGLDSVYPAQHKQLAQQI.RQSGAIVTEFLPTTMPLQQHFPRRNRIVSGLSL   231
NTDB id 1073 ABD1 RS00865 WP 015451369.1         SSGLAYGIDEAAHQGASAH.QRTIAVTGTGLDTTYPAQNKKLAEYILAQNGAIITEFLPGTPPLQQHFPRRNRIVSGLSL   232
NTDB id 1043 HON27 RS16615 WP 168727007.1        SSGLAYGIDEAAHQGASTH.QRTIAVTGTGLDTTYPAQNKKLAEHILAKNGAIITEFLPGTPPLQQHFPRRNRIVSGLSL   232
NTDB id 1152 A1552VC RS00200 WP 000654772.1      TSGLALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERII.AQGALVSEFAPHTPPKADHFPRRNRIISGLSL   224
NTDB id 1094 KZH42 RS01320 WP 002224767.1        VSGMASGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIA.EKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQ   229
NTDB id 1089 NMB RS00600 WP 002224767.1          VSGMASGIDTAAHQGALQAEGGTIAVWGTGIDRIYPPVNKNLAYEIA.EKGLIVSEFPIGTRPYAGNFPRRNRLIAALSQ   229
consensus                                        *!!*! !!! *!!*!** *  ***!! !*!** *!! *** !*  !    !****!!***!*!** *!!!!!!****!!*
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logo
NTDB id 1021 ACIAD RS00975 WP 004930462.1        GVLVVEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPT......HWHSQST   306
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1    GVLVVEAALKSGSLITANEAATQGKMVFAIPGHIYSEHHQGCHQLIREGAILVDHPEQVIEDLALPT......QWQAQQQ   305
NTDB id 1073 ABD1 RS00865 WP 015451369.1         GVLVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPT......QWQSQQQ   306
NTDB id 1043 HON27 RS16615 WP 168727007.1        GVLVVEATLKSGSLITANKAAEQGKTVFAIPGHIYSEFHQGCHQLIREGAILIDHPEQIIEDLALPT......QWQSQQQ   306
NTDB id 1152 A1552VC RS00200 WP 000654772.1      GVVVVEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNAL......TWSLSEQ   298
NTDB id 1094 KZH42 RS01320 WP 002224767.1        VTLVVEAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKG   309
NTDB id 1089 NMB RS00600 WP 002224767.1          VTLVVEAALESGSLITARLAAEMGREVMAVPGSIDNPHSKGCHKLIKDGAKLVECLDDILNECPGLLQNTGASSYSINKG   309
consensus                                        ***!!!!**!!!!!!!* !!**!* !***!!*!*** **!***!!**!!*!*****************       *  * *
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logo

NTDB id 1021 ACIAD RS00975 WP 004930462.1          ASGEANADDSGKTDDADLP.........DDLL...PLYQLLDWQGQDLDQLAQHYQGSTAELTAQLMELELLGVCIQQSG   374
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1      PATE......SSSAPPTLP.........AHLI...ELYQVLDWVGQDLDQLAQRYSAPIAELTAQLMELELLGLSMQQAG   367
NTDB id 1073 ABD1 RS00865 WP 015451369.1           NQTE.....EANTNTPEIR.........EHLI...DLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSG   369
NTDB id 1043 HON27 RS16615 WP 168727007.1          NQTE.....EINTNTPEIP.........EHLI...DLYQSLDWVGQNIDQLVVHHNIPVSELTSSLMELELLGLCMQQSG   369
NTDB id 1152 A1552VC RS00200 WP 000654772.1        VPYQATLFSA...............VQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPG   363
NTDB id 1094 KZH42 RS01320 WP 002224767.1          IPEKRITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG   389
NTDB id 1089 NMB RS00600 WP 002224767.1            IPEKRITAVQTASDQLSLPEGKMPSEKTENRPVGGSILDRMGFDPVHPDVLAGQLAMPAADLYAALLELELDGSVAAMPG   389
consensus                                             *       * *     **          * **    **** *** ** *!*!*    ********* !*!!!!*!* *** !

logo

NTDB id 1021 ACIAD RS00975 WP 004930462.1          RY.LRCRSPY   383
NTDB id 1094113 ACMHYC RS18160 WP 032876250.1      RY.LRCRPMH   376
NTDB id 1073 ABD1 RS00865 WP 015451369.1           LY.LRCRS..   376
NTDB id 1043 HON27 RS16615 WP 168727007.1          LY.LRCRS..   376
NTDB id 1152 A1552VC RS00200 WP 000654772.1        GYIRKGRG..   371
NTDB id 1094 KZH42 RS01320 WP 002224767.1          GRYQRIRT..   397
NTDB id 1089 NMB RS00600 WP 002224767.1            GRYQRIRT..   397
consensus                                           * ***!*
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X non conserved

X similar

X ≥ 50% conserved