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NTDB id 1021 ACIAD RS00975 WP 004930462.1    MITILSSHHYHTIKVWYVLQHSL.SGFKKLIHYFGDC..ETALQPQRLSDWQKLGLHANHLKRLEEVHTLQGQQQFEKML   77
NTDB id 1361 HI 0985 AAC22646.1              ........MNDITYTLLRLMQVPKLGGVGIDKILS.NITLNELLNYDDVAFRQMGWGAIQIRRWFKP....EAKFIEPAL   67
NTDB id 1466 ASU2 RS09750 WP 015674213.1     .........MSQTDLLKLLQIPQLGAQRIARLLS.EVDFAQFCQYDKRQLQQIGWNEKQIQRWFNP....EKRWIESAL   65
NTDB id 1388 A4U84 RS04945 WP 062924099.1    .........MTHLTKLLALLQVPQLGAQRIGRLLS.EVDFGEFCQYDKTALKQMGWNERQIQRWFNP....EHKWIDQAL   66
NTDB id 1250 GCO85 RS13065 WP 027219989.1    .........MNNLQPLLALNRMKRIGPRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNF....DPDFIKTDL   67
NTDB id 69950 ACMCNL RS20125 WP 412730196.1  .........MTSTEIWLRLVHTGSLCGDVILEAAA.R..LQKLEHLNVLVAREAGLTAKQAERFFAL....DESELERSL   64
NTDB id 1445 BW25113 RS17035 WP 000228551.1  .........MVDTEIWLRLMSISSLYGDDMVRIAH.W..VAKQSHIDAVVLQQTGLTLRQAQRFLSF....PRKSIESSL   64
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ....MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLS.KDTPSNIVQYSTEQLQLLGLTAKQLQAW.SQ....VDKEVDACL   70
NTDB id 1152 A1552VC RS00200 WP 000654772.1  .......MKDQDLAAWLALCFTPKLGSKTISHLLA.TRLPAQLQSFTPKQWLACGLKPEQLVFLTTQ....AAKQAEQCL   68
consensus                                                 *  ***!* ** ***  * ***        * **    *  *!*  ******       * * **  !
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NTDB id 1021 ACIAD RS00975 WP 004930462.1    AQLQT.HTDFIVTPDDPAYPSQLIPYQDRPPILFGQGSIQSLIQPQIAVVGSRKPSPHGRQVAYDFSYFLSEKGFYITSG   156
NTDB id 1361 HI 0985 AAC22646.1              VWSQKEG.NHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTITSG   146
NTDB id 1466 ASU2 RS09750 WP 015674213.1     AWAEQPN.QRLLTLFDEEYPFLLRQISTAPPVLFVRGSISSLSLPQIAIVGSRDFSAYGEYWAGYFSEQLIKHHLAVTSG   144
NTDB id 1388 A4U84 RS04945 WP 062924099.1    QWAEQDQ.QQILTLFDEDYPFLLKQISTAPPVLFVRGNVESLSLPQIAIVGSRDYSHYGEHWAGHFSAELVKHQLAVTSG   145
NTDB id 1250 GCO85 RS13065 WP 027219989.1    NWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIVSG   147
NTDB id 69950 ACMCNL RS20125 WP 412730196.1  VWLEQPG.HHLLTPNHPLYPPLLRTIPDYPGALFVKGNPEALNTIQLAVVGSRAPSWYGERWGKILCEQLSQSGFTITSG   143
NTDB id 1445 BW25113 RS17035 WP 000228551.1  CWLEQPN.HHLIPADSEFYPPQLLATTDYPGALFVEGELHALHSFQLAVVGSRAHSWYGERWGRLFCETLATRGVTITSG   143
NTDB id 1399 DSB67 RS15600 WP 010645755.1    TWVAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSG   150
NTDB id 1152 A1552VC RS00200 WP 000654772.1  QWRSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEAVHDPAVAIVGSRNASVDGRQIARQFATELAQSGLVVTSG   148
consensus                                      **       ****    *  !!  *!* *    !**!***! * **  ***!*!!!!  * *!* *** *  **    ** **!!
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NTDB id 1021 ACIAD RS00975 WP 004930462.1    LAHGIDEAAHQGSLV.HHRAIAVVGTGLDLCYPSGNKALKQHIRDQGGAIVSEFLPGTPPLQAHFPRRNRIVSGLSLGVL   235
NTDB id 1361 HI 0985 AAC22646.1              LALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVGTL   226
NTDB id 1466 ASU2 RS09750 WP 015674213.1     LAIGIDGFCHQRAVAEQGITIAVLGSGLDQVYPARHKKLAEQIVESGGALVSEFFPNHPPLAENFPRRNRIISGLSLGTL   224
NTDB id 1388 A4U84 RS04945 WP 062924099.1    LAIGIDGFCHQRAANENGITIAVLGSGLDQVYPARHKKLAEQIVETSGALVSEFFPSQPPIAENFPRRNRIISGLSLGTL   225
NTDB id 1250 GCO85 RS13065 WP 027219989.1    LALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQITE.NGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCIL   226
NTDB id 69950 ACMCNL RS20125 WP 412730196.1  LACGIDGVAHSAALSVKGRSVAVLGNGLFSIYPRRHQALAMRLIESDGAIVSEFPLSAQPRPANFPRRNRIISGLSKGVL   223
NTDB id 1445 BW25113 RS17035 WP 000228551.1  LARGIDGVAHKAALQVNGVSIAVLGNGLNTIHPRRHARLAASLLEQGGALVSEFPLDVPPLAYNFPRRNRIISGLSKGVL   223
NTDB id 1399 DSB67 RS15600 WP 010645755.1    LALGIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAE.NGALVSEFRPDAKPRAENFPRRNRIISGLSLGVL   229
NTDB id 1152 A1552VC RS00200 WP 000654772.1  LALGIDGYAHDGALQAQGQTVAVLGSGLAQVYPKQHQGLAERIIA.QGALVSEFAPHTPPKADHFPRRNRIISGLSLGVV   227
consensus                                    !!*!!!* *! *** **  **!!*!*!*****! ** *!*  ***   !***!!! *  *!** *!!*!!!!*!!!!****
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NTDB id 1021 ACIAD RS00975 WP 004930462.1    VVEATLKSGSLITANKAAEQGKVVFAIPGHIYSEFHQGCHQLIREGAILVDHPEQIIEDLALPTHWHSQSTASGE.....   310
NTDB id 1361 HI 0985 AAC22646.1              VVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQ.TEIDFD.....   300
NTDB id 1466 ASU2 RS09750 WP 015674213.1     VVEATVNSGSLITARYALEQGREVFALPNSVQNPYAQGCHKLIKEGAVLTETIEDILQAIQYQLPDQPRQQALFETEQAV   304
NTDB id 1388 A4U84 RS04945 WP 062924099.1    VIEATVNSGSLITARYALEQGREVFALPNSVQNPYSEGCHKLIKEGALLVENVEDILEAIAWQRQSVHIQPSLFDTKPKQ   305
NTDB id 1250 GCO85 RS13065 WP 027219989.1    VIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN.........   296
NTDB id 69950 ACMCNL RS20125 WP 412730196.1  VVEAARRSGSLVTARCALEQGREVFALPGPIGNPGCEGPHWLIKQGATPVTEVGDILENLQYGLQWLQEDP...E.....   295
NTDB id 1445 BW25113 RS17035 WP 000228551.1  VVEAALRSGSLVTARCALEQGREVFALPGPIGNPGSEGPHWLIKQGAILVTEPEEILENLQFGLHWLPDAP...E.....   295
NTDB id 1399 DSB67 RS15600 WP 010645755.1    VVEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSL.........   301
NTDB id 1152 A1552VC RS00200 WP 000654772.1  VVEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQVPYQ.....   302
consensus                                    !*!!***!!!!*!!**!*!!***!***!***  **    !**  !***!!*** * **** *   * *        *
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