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NTDB id 1257 GCO85 RS04855 WP 163621000.1    MRKIIAILIL..ISASLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ    78
NTDB id 1284 ACE17W RS12370 WP 010946666.1   MRKIIAILIL..ISASLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFISTDMQIPSDQ    78
NTDB id 408193 GPY15 RS11745 WP 005501371.1  ..........................................................................................     0
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ..........................................................................................     0
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ..........................................................................................     0
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ..........................................................................................     0
NTDB id 1193 PAKAF RS26665 WP 003161249.1    MNSGLSRLGIALLAA.MFAPALLAADLEKLDVAALPGDRVELKLQFDEPVA.APRGYTIEQPARIALDLPGVQNKLGT..    76
NTDB id 1009 ACIAD RS15175 WP 004923730.1    MKQIIRQFSIGTVAYAIMQVASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDKAGQKLAK..    77
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NTDB id 1257 GCO85 RS04855 WP 163621000.1    KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDLFENSKEVFI.............TNQV    145
NTDB id 1284 ACE17W RS12370 WP 010946666.1   KTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDLFENSKEVFI.............TNQV    145
NTDB id 408193 GPY15 RS11745 WP 005501371.1  ........................MKSLRKGCQRQKLAMAGW....VA.....AAI.....FA..............APW     28
NTDB id 1186 GTF74 RS01320 WP 000788426.1    .........................MKNGLKT..YVAQTWLTLWVG.....LALCASSMVF..............SAE     32
NTDB id 1175 A1552VC RS12105 WP 000788426.1  .........................MKNGLKT..YVAQTWLTLWVG.....LALCASSMVF..............SAE     32
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ........................MKMRHGLTLTPRKLTGLFSLWFS.....LLLAP...FV..............AAE     33
NTDB id 1193 PAKAF RS26665 WP 003161249.1    KNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAPASYAQPIKPKPY    156
NTDB id 1009 ACIAD RS15175 WP 004923730.1    SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFTTRVEGNVFILKINNIQSTATP.....VAT.SA.............    138
consensus                                                    **  **  **   *     *    **  *        * *
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NTDB id 1257 GCO85 RS04855 WP 163621000.1    VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV    225
NTDB id 1284 ACE17W RS12370 WP 010946666.1   VNAKHEIKRIDFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKV    225
NTDB id 408193 GPY15 RS11745 WP 005501371.1  ALAENQLQQIDVTDGENGKTLLTLTLEDKSVVTNFNKTDTGLAISLKGTSVEDNLVGVRSLRDVGKGTKNLAVKPIEDDV    108
NTDB id 1186 GTF74 RS01320 WP 000788426.1    SATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST    112
NTDB id 1175 A1552VC RS12105 WP 000788426.1  SATANQLENIDFRVNKEKAAVLIVELASPSAVVDVQQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPST    112
NTDB id 1408 DSB67 RS13980 WP 010643500.1    EVQSNSLKSIDFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTT    113
NTDB id 1193 PAKAF RS26665 WP 003161249.1    VPAGRAIRNIDFQRGEKGEGNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRT    236
NTDB id 1009 ACIAD RS15175 WP 004923730.1    PAPQQGIGNIGFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVVRFPGIKIPTHLARRLNTTDFATPVASIDSYNDGSNG    218
consensus                                        * * *!***      *******      **** *   * *  * * * * **  ****!* ***   * *
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NTDB id 1284 ACE17W RS12370 WP 010946666.1   RMTILSKGDYGHFVYQVNKQFMVDVFPLTAEEIRQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQG    305
NTDB id 408193 GPY15 RS11745 WP 005501371.1  ELLVTTSGHFGYDYYQTNNVLTVEVFPYASLPSSRNTSPKKGKRNKNISINFQDIPVRSVLQMVAEHNGFNLVVSDTVQG    188
NTDB id 1186 GTF74 RS01320 WP 000788426.1    QLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKP.KPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVG    191
NTDB id 1175 A1552VC RS12105 WP 000788426.1  QLVVTVDGEFQHDYTLKGKYLEVVISKLKADEKP.KPKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVG    191
NTDB id 1408 DSB67 RS13980 WP 010643500.1    RLVAYIDEDYSHDYRLTGRYLEVKVGKLKANEKA.PDKSILDKEGKLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEG    192
NTDB id 1193 PAKAF RS26665 WP 003161249.1    SITIEPSGLYDYLVYQTDNRLTVSIKPMTTEDAERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQG    316
NTDB id 1009 ACIAD RS15175 WP 004923730.1    VISIQSTGSYEYMAYQAENKLTISLKRPQ.DNVRLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSVQG    297
consensus                                      * *    *** *  **  * * * *  * ***     *      ** *!**!!*!  *!  !!!**!** *  !*!**!*!*!
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NTDB id 1257 GCO85 RS04855 WP 163621000.1  DITLRLNDIPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLI  385
NTDB id 1284 ACE17W RS12370 WP 010946666.1 DITLRLNDIPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLI  385
NTDB id 408193 GPY15 RS11745 WP 005501371.1 SLTLRLDDVPWQKALDTILNVKGLDKRQTGNILLVAPKIELDEQERLVLEKRRQARELASLRSEVIQIKYANAVDLKEML  268
NTDB id 1186 GTF74 RS01320 WP 000788426.1  NLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMI  271
NTDB id 1175 A1552VC RS12105 WP 000788426.1 NLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMI  271
NTDB id 1408 DSB67 RS13980 WP 010643500.1  NLTLRLDGVPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLREKQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMI  272
NTDB id 1193 PAKAF RS26665 WP 003161249.1  NITLRLQNVPWDQALDLVLKTKGLDKRKLGNVLLVAPADEIAARERQELEAQKQIAELAPLRRELIQVNYAKAADIAKLF  396
NTDB id 1009 ACIAD RS15175 WP 004923730.1  NITLHLKDVPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDEAKAIAQSTKLAPLQTEYILLKYAKAADIEKLI  377
consensus                                  **!!*!  *!! **!!**!  **!!!!  !!********* ***  !*  **  *  *** *****! ***!*! !** **
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NTDB id 1284 ACE17W RS12370 WP 010946666.1 KD.....KQNS..................LLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQVLIEARIVEV  443
NTDB id 408193 GPY15 RS11745 WP 005501371.1 GGSDAEEGGIS..................LLSERGSIAVDPRTNSLVIKDLSDNIEVVKSLIDSLDIPVDQVEIEARIVTV  331
NTDB id 1186 GTF74 RS01320 WP 000788426.1  GG....EGNVN..................MLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQVQIEARIVTV  330
NTDB id 1175 A1552VC RS12105 WP 000788426.1 GG....EGNVN..................MLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQVQIEARIVTV  330
NTDB id 1408 DSB67 RS13980 WP 010643500.1  NG....EGNIS..................MLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQVQIEARIVTI  331
NTDB id 1193 PAKAF RS26665 WP 003161249.1  QSVTSDGGQEGK..................EGGRGSITVDDRTNSIIAYQPQERLDELRRIVSQLDIPVRQVMIEARIVEA  459
NTDB id 1009 ACIAD RS15175 WP 004923730.1  TQGRNSGTSNSNTNGSATVEPLGDSVGTLLSPRGTISLDPRTNTLIINDTSQKIDQIRKMIDLLDIPVKQVMIEARIVRA  457
consensus                                     **  *                ****!!*****!  !!!****  *  * **  ****** !!!!!*!! !!!!!! *
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NTDB id 1284 ACE17W RS12370 WP 010946666.1 TKDFSQDIGIRWGVSRPTH...LSGT........LEGAN....EL...ARGTAPANVVPLERRLNLDLAAAPLTGATPAS  505
NTDB id 408193 GPY15 RS11745 WP 005501371.1 DEGTLDEIGVRWGLNSQNGNFTMGGS........IEGNWQHSDRIDVGAD..NEPDELMLDDLLNVNLGAI...SPNATS  398
NTDB id 1186 GTF74 RS01320 WP 000788426.1  KEGNLEELGVRWGVMSTNGSHSVGGS........IESNLWQKGLLAD.........DEFPVDEFLNVNLAST...SANASS  391
NTDB id 1175 A1552VC RS12105 WP 000788426.1 KEGNLEELGVRWGVMSTNGSHSVGGS........IESNLWQKGLLAD.........DEFPVDEFLNVNLAST...SANASS  391
NTDB id 1408 DSB67 RS13980 WP 010643500.1  NEGNMDELGVRWGFTSINGSHTVGGS........IENNLATIGLYDGGGEGDDGGSSVGIDDFLNVNLAAT...SPNATS  400
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NTDB id 1009 ACIAD RS15175 WP 004923730.1  TTSFSKEMGVKWGILSQGINQN.....SNLLVGGSETTLWNLRNPDSNGTYTI.....ERPDNLNVDLGVT...TTGASS  524
consensus                                     *    **!**!!* *  *  ** **        **        *  *          *** *** !**     *  ***
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NTDB id 1284 ACE17W RS12370 WP 010946666.1 VGIALAKLNDNILLDLELSALESEGRAELISSPRLITTNQQAAVIESGEEIPYQEATSSGA...TAVAFKKAVLSLKVTP  582
NTDB id 408193 GPY15 RS11745 WP 005501371.1 IAFSVANLGKDLLLDLELSALQAESRAEIISSPRLLTTNKRPAYIEQGTELPYLEASSSGA...AAVSFKKAVLSLSVTP  475
NTDB id 1186 GTF74 RS01320 WP 000788426.1  IAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFKKAVLSLKVTP  468
NTDB id 1175 A1552VC RS12105 WP 000788426.1 IAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGA...STVAFKKAVLSLKVTP  468
NTDB id 1408 DSB67 RS13980 WP 010643500.1  IAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSSGA...TSVTFKKAVLSLKVTP  477
NTDB id 1193 PAKAF RS26665 WP 003161249.1  IGIGFI.T.DNIILDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGA...TSTSFKEAALSLEVTP  606
NTDB id 1009 ACIAD RS15175 WP 004923730.1  IAFGLISL.SDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTATTSFKEALLSLEVTP  603
consensus                                  *** **** *    *!!!*!!!** * **!**!*!********** ! **  !*!*!! * **!*!   *** !!*!*!!!*!!!
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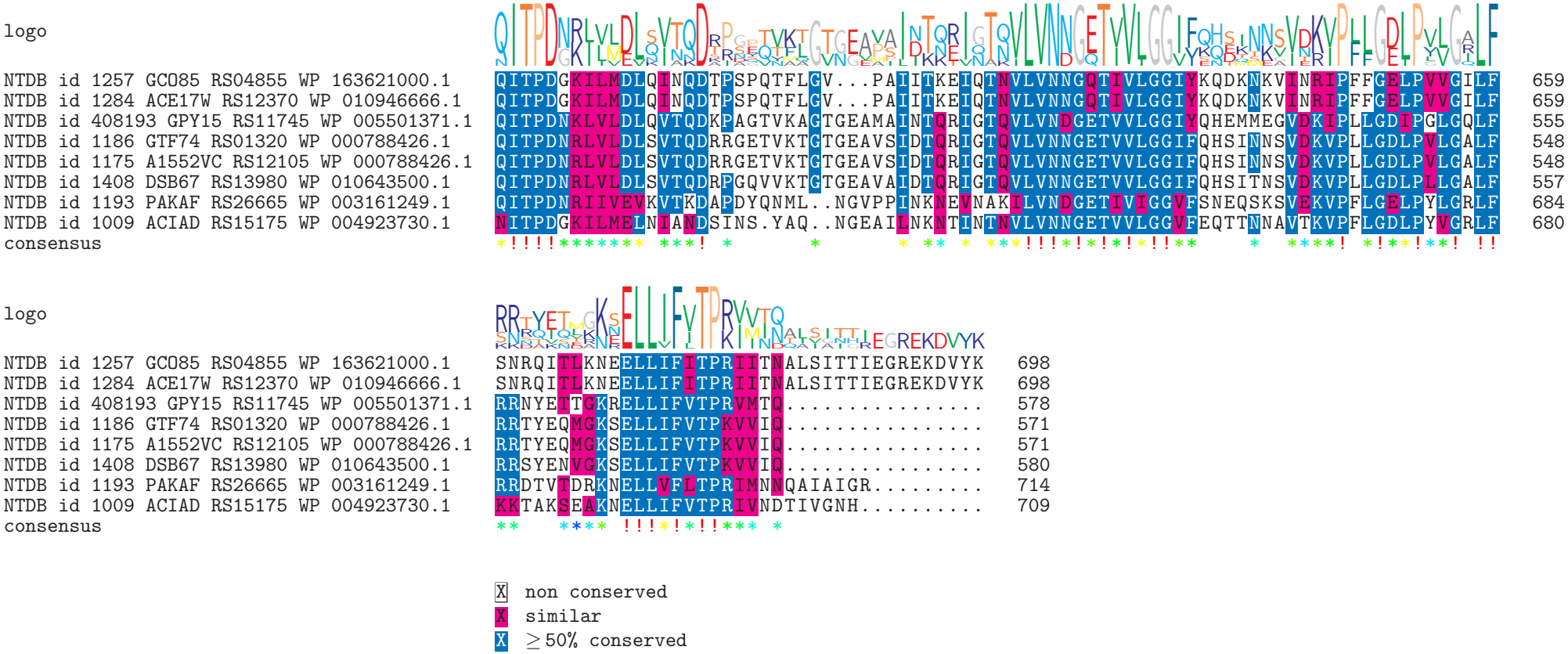
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NTDB id 1408 DSB67 RS13980 WP 010643500.1 QITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLLGDLPLLGALF 557
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consensus
logo
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NTDB id 408193 GPY15 RS11745 WP 005501371.1 RRNYETTGKRELLIFVTPRVMTQ.................. 578
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consensus
X non conserved
X similar
X ≥ 50% conserved