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logo
NTDB id 1115 OK783 RS00485 WP 003698035.1     MNTKLTK.........IISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIV.NPTGFVTSSPARIALDFEQ   70
NTDB id 1092 CAD91899.1 1..2286( )            MNTKLTK.........IISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIV.NPTGFVTSSPARIALDFEQ   70
NTDB id 1100 NMB RS09455 WP 002225652.1       MNTKLTK.........IISGLFVATAAFQTASAGNITDIKVSSLPNKQKIVKVSFDKEIV.NPTGFVTSSPARIALDFEQ   70
NTDB id 1009 ACIAD RS15175 WP 004923730.1     MKQIIRQFSIGTVAYAIMQ.........VASAQVAITNVVPMNIPGQGTEIRVMFNGLPP.QPQAYQLEQPARLILDFDK   70
NTDB id 1039 HON27 RS01460 WP 031993779.1     MNHVFRQFSMGAVAIAIMQ.........AASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK   70
NTDB id 1052 ABD1 RS15850 WP 001017033.1      MNHVFRQFSMGAVAIAIMQ.........AASAQVSMTNIVPMQIAGQGTEIRVMFNGLPP.QPQAYQLENPSRLILDFDK   70
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 1284 ACE17W RS12370 WP 010946666.1    .....MR.....KIIAILILISA.SLSMAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFIS   69
NTDB id 1257 GCO85 RS04855 WP 163621000.1     .....MR.....KIIAILILISA.SLSLAYSKDNSLISVKVLPLPENRVRIDFQFSKPLKQLPASFITQKPPRLVLDFIS   69
NTDB id 279400 C4J97 RS02050 WP 124425567.1   ..................................................................................   0
NTDB id 1193 PAKAF RS26665 WP 003161249.1     MNSGLSR.....LGIALLAAMF.....APALLAADLEKLDVAALPGDRVELKLQFDEPVAA.PRGYTIEQPARIALDLPG   69
consensus                                                **                 *  *    *      *   *        *  *    * ** ***
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logo
NTDB id 1115 OK783 RS00485 WP 003698035.1     TGISMD..QQVLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAK   148
NTDB id 1092 CAD91899.1 1..2286( )            TGISMD..QQVLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAK   148
NTDB id 1100 NMB RS09455 WP 002225652.1       TGISMD..QQVLEYADPLLSKISAAQNSSRARLVLNLNKPGQYNTEVRGNKVWIFINESDDTVSAPARPAVKAAPAAPAK   148
NTDB id 1009 ACIAD RS15175 WP 004923730.1     AGQKLAK..SLIPVTTNEASSIDVSSDDKRARVVVNLKDAGAFTTRVEGNVFILKINNIQSTAT................   132
NTDB id 1039 HON27 RS01460 WP 031993779.1     AQQGLKQ..SKISVATNEASSVDVTSDDQRSRLTVNLKDTGAFTTRVEGNTFILKINSAQTSNK................   132
NTDB id 1052 ABD1 RS15850 WP 001017033.1      AQQGLKQ..SKISVATNEASSVDVTSDDQRSRLTVNLKDAGAFTTRVEGNTFILKINSAQTSNK................   132
NTDB id 1186 GTF74 RS01320 WP 000788426.1     ....................................MKNGLKT..YVAQTWLTLWVGLALC..................AS   25
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ....................................MKNGLKT..YVAQTWLTLWVGLALC..................AS   25
NTDB id 1408 DSB67 RS13980 WP 010643500.1     ...................................MKMRHGLTLTPRKLTGLFSLWFSLLLA..................P.   28
NTDB id 1284 ACE17W RS12370 WP 010946666.1    TDMQIPSDQKTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSIYSLVLNGKSNDL.F............ENS   136
NTDB id 1257 GCO85 RS04855 WP 163621000.1     TDMQIPSDQKTKTIQLGSLHSYNIVAVGDRVRAILELDRSVSYSGSTAGSVYSLVLNGKSNDL.F............ENS   136
NTDB id 279400 C4J97 RS02050 WP 124425567.1   ..................................................................................   0
NTDB id 1193 PAKAF RS26665 WP 003161249.1     VQNKL..GTKNRELSVGNTRSVTVVEAKDRTRLIINLTTLSSYTTRVEGNNLFVVVGNSPAGASVASTAPVKASPAPASY   147
consensus                                         *                     * *  * *     *   * *    * **
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logo
NTDB id 1115 OK783 RS00485 WP 003698035.1     QQA.......................AAPFTESVVSVSAPFSPAKQQA.......................AASAKQTNI   182
NTDB id 1092 CAD91899.1 1..2286( )            QQAAAPSTKSAVSVSEPFTPAKQQAAAPFTESVVSVSAPFSPAKQQAAASAKQQTA........APAKQQAAAPAKQTNI   220
NTDB id 1100 NMB RS09455 WP 002225652.1       QQAAAPSTKSAVSVSEPFTPAKQQAAAPFTESVVSVSAPFSPAKQQAAASAKQQAAAPAKQQAAAPAKQQAAAPAKQTNI   228
NTDB id 1009 ACIAD RS15175 WP 004923730.1     ......................................P.V.........................ATSAPAPQQGIGNI   148
NTDB id 1039 HON27 RS01460 WP 031993779.1     ......................................P.L.........................PVVS.AQPQGVSNI   147
NTDB id 1052 ABD1 RS15850 WP 001017033.1      ......................................P.L.........................PVVS.AQPQGVSNI   147
NTDB id 1186 GTF74 RS01320 WP 000788426.1     ......................................SMV.........................FSAESATANQLENI   42
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ......................................SMV.........................FSAESATANQLENI   42
NTDB id 1408 DSB67 RS13980 WP 010643500.1     ........................................F.........................VAAEEVQSNSLKSI   43
NTDB id 1284 ACE17W RS12370 WP 010946666.1    ............................KE.......VFI.........................TNQVVNAKHEIKRI   155
NTDB id 1257 GCO85 RS04855 WP 163621000.1     ............................KE.......VFI.........................TNQVVNAKHEIKRI   155
NTDB id 279400 C4J97 RS02050 WP 124425567.1   ..................................................................................   0
NTDB id 1193 PAKAF RS26665 WP 003161249.1     ............................AQ.......PIK.........................PKPYVPAGRAIRNI   166
consensus                                                                                                     *    * **
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logo
NTDB id 1115 OK783 RS00485 WP 003698035.1    DFRKDGKNAGIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTALQRSLDVADFKTPVQKVTLKRLNNDTQLIITTTGNW   262
NTDB id 1092 CAD91899.1 1..2286( )           DFRKDGKNAGIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRSLDVADFKTPVQKVTLKRLNNDTQLIITTAGNW   300
NTDB id 1100 NMB RS09455 WP 002225652.1      DFRKDGKNAGIIELAALGFAGQPDISQQHDHIIVTLKNHTLPTTLQRSLDVADFKTPVQKVTLKRLNNDTQLIITTAGNW   308
NTDB id 1009 ACIAD RS15175 WP 004923730.1    GFQRGAQGEGLVVIDLQGTNTPVDVQQQGSKVVVRFPGIKIPTHLARRLNTTDFATPVASIDSYNDGSNGVISIQSTGSY   228
NTDB id 1039 HON27 RS01460 WP 031993779.1    GFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPTHLARRLNVNDFATPVSSIDAYNDKGVGVITIQSSGSY   227
NTDB id 1052 ABD1 RS15850 WP 001017033.1     GFQRGSQGEGLVVVDLLGSNTPVDVQQQGSKVVIRTIGTKIPTHLARRLNVNDFATPVSSIDAYNDKGVGVITIQSSGSY   227
NTDB id 1186 GTF74 RS01320 WP 000788426.1    DFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEF   122
NTDB id 1175 A1552VC RS12105 WP 000788426.1  DFRVNKEKAAVLIVELASPSAVVDVQKVQEGLSIELLKTDVADDKLYLLDVKDFSTPVESVEVFRKEPSTQLVVTVDGEF   122
NTDB id 1408 DSB67 RS13980 WP 010643500.1    DFRTNKDKDAVIVVELVSPAAIVDIKRVQEGLSIDLLNTSVKDDQLYLLDVKDFSTVVESVEVFRDTSTTRLVAYIDEDY   123
NTDB id 1284 ACE17W RS12370 WP 010946666.1   DFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKVRMTILSKGDY   235
NTDB id 1257 GCO85 RS04855 WP 163621000.1    DFRGIEKQGGRVLIDVSDTGIPIDVTQVGKEIVVNFLNTKIPLNLMKRYDVSDFHSPVQIITMQQEGKKVRMTILSKGDY   235
NTDB id 279400 C4J97 RS02050 WP 124425567.1  ..................................................................................     0
NTDB id 1193 PAKAF RS26665 WP 003161249.1    DFQRGEKGEGNVVIDLSDPTLSPDIQEQGGKIRLDFAKTQLPDALRVRLDVKDFATPVQFVNASAQSDRTSITIEPSGLY   246
consensus                                    ***       *******      *** *     ***     * **  * * *** ** ***  * *        * * * * *

logo
NTDB id 1115 OK783 RS00485 WP 003698035.1    ELVNKSAAPGYFTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVSGKMTLSLKD   342
NTDB id 1092 CAD91899.1 1..2286( )           ELVNKSAAPGYFTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKD   380
NTDB id 1100 NMB RS09455 WP 002225652.1      ELVNKSAAPGYFTFQVLPKKQNLESGGVNNAPKTFTGRKISLDFQDVEIRTILQILAKESGMNIVASDSVNGKMTLSLKD   388
NTDB id 1009 ACIAD RS15175 WP 004923730.1    EYMAYQ.AENKLTISLKRPQDNV..RLNSKNNQNYTGKKISLDFQDIEVRRVLQLLADFTNINMVTADSVQGNITLHLKD   305
NTDB id 1039 HON27 RS01460 WP 031993779.1    EYMAYQ.AENKLTISLKRPQDKN..VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSVQGNITLRLKD   304
NTDB id 1052 ABD1 RS15850 WP 001017033.1     EYMAYQ.AENKLTISLKRPQDKN..VTSLYKTPNYSGNKLSLDFQDIEVRRVLQLLADFTGINMVAADSVQGNITLRLKD   304
NTDB id 1186 GTF74 RS01320 WP 000788426.1    QHDYTL.KGKYLEVVISKLKADEK.PK.PKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDG   199
NTDB id 1175 A1552VC RS12105 WP 000788426.1  QHDYTL.KGKYLEVVISKLKADEK.PK.PKSVLEKEGKLISINFQDIPVRNVLQLIADYNGFNLVVSDSVVGNLTLRLDG   199
NTDB id 1408 DSB67 RS13980 WP 010643500.1    SHDYRL.TGRYLEVKVGKLKANEK.AP.DKSILDKEGKLISINFQDIPVRNVLQLIADYNQFNLVVSDSVEGNLTLRLDG   200
NTDB id 1284 ACE17W RS12370 WP 010946666.1   GHFVYQ.VNKQFMVDVFPLTAEEI.RQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQGDITLRLND   313
NTDB id 1257 GCO85 RS04855 WP 163621000.1    GHFVYQ.VNKQFMVDVFPLTAEEI.RQAKLKKQVFTGKRISLNFQNISIRAVLQLLADFTGINMVVSDKVQGDITLRLND   313
NTDB id 279400 C4J97 RS02050 WP 124425567.1  ..MAAA.VPNRVDLIH......LP.PPESASSAGYTGDRMNLNFQNIDLRAALQQIADVAGLNLVAGDDVQGSITLRLKD    70
NTDB id 1193 PAKAF RS26665 WP 003161249.1    DYLVYQ.TDNRLTVSIKPMTTEDA.ERRKKDNFAYTGEKLSLNFQDIDVRSVLQLIADFTDLNLVASDTVQGNITLRLQN   324
consensus                                      *        * * *                **!***** !!****! *!!**!*****!*! *!*!*! *!!*! *

logo
NTDB id 1115 OK783 RS00485 WP 003698035.1    VPWDQALDLVMQARNLDMRQQGNIVNIAPRDELLAKDKAFLQAEKDIADLGALYSQNFQLKYKNVEEFRSILRLDNADTT   422
NTDB id 1092 CAD91899.1 1..2286( )           VPWDQALDLVMQARNLDMRQQGNIVNIAPRDELLAKDKAFLQAEKDIADLGALYSQNFQLKYKNVEEFRSILALDNADTT   460
NTDB id 1100 NMB RS09455 WP 002225652.1      VPWDQALDLVMQARNLDMRQQGNIVNIAPRDELLAKDKALLQAEKDIADLGALYSQNFQLKYKNVEEFRSILRLDNADTT   468
NTDB id 1009 ACIAD RS15175 WP 004923730.1    VPWDQALDIILKTKNLDKRRNGNVIWIAPVSELIKSEEDEAKAIAQSTKLAPLQTEYILLKYAKAADIEKLITQGRNSGT   385
NTDB id 1039 HON27 RS01460 WP 031993779.1    VPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQLKYAKAGDIMGLITQGSNNSN   384
NTDB id 1052 ABD1 RS15850 WP 001017033.1     VPWDQALDIILKTKNLDKRRNGNVIWIAPVAELIKAEEEEAKAVAQSVKLAPLQTEYIQLKYAKAGDIMGLITQGSNNSN   384
NTDB id 1186 GTF74 RS01320 WP 000788426.1    VPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGG....E.   274
NTDB id 1175 A1552VC RS12105 WP 000788426.1  VPWQQVLDIILQVKGLDKRVDGNVILIAPKEELDLREKQALEKARLAEELGDLKSEIIKINFAKASDIAAMIGG....E.   274
NTDB id 1408 DSB67 RS13980 WP 010643500.1    VPWQQVLDIILQVKGLDKRVDGNVILVAPKDELDLREKQQLEKQKLEKEIGELSSEIIKVNFAKASDIAEMING....E.   275
NTDB id 1284 ACE17W RS12370 WP 010946666.1   IPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLIKDK.....   388
NTDB id 1257 GCO85 RS04855 WP 163621000.1    IPWDQALDIILTTQGLDKRRKGNVMLIDTKASMDKMEEEQLKSQQTIEKLEPIRSDLIQINYAKAADIAVLIKDK.....   388
NTDB id 279400 C4J97 RS02050 WP 124425567.1  VPWDQALDLVLQAKGLDKRVKAGVLLVAPADELAARELLTLEARKQMAELAPLRRELLQVNYAKAADLAKLFQSVTG...   147
NTDB id 1193 PAKAF RS26665 WP 003161249.1    VPWDQALDLVLKTKGLDKRKLGNVLLVAPADEIAARERQELEAQKQIAELAPLRRELIQVNYAKAADIAKLFQSVTSDG.   403
consensus                                    *!!*!*!!***  * !!*!  **** *******  **   * * *   *** * ** *** **** **  **
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1115 OK783 RS00485 WP 003698035.1    .........................GNRNTLVSGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVE   478
NTDB id 1092 CAD91899.1 1..2286( )           .........................GNRNTLVSGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVE   516
NTDB id 1100 NMB RS09455 WP 002225652.1      .........................GNRNTLISGRGSVLIDPATNTLIVTDTRSVIEKFRKLIDELDVPAQQVMIEARIVE   524
NTDB id 1009 ACIAD RS15175 WP 004923730.1    SNSN.........TNGSATVEPLGDSVGTLLSPRGTISLDPRTNTLIINDTSQKIDQIRKMIDLLDIPVKQVMIEARIVR   456
NTDB id 1039 HON27 RS01460 WP 031993779.1    GLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQVMVEARIVR   464
NTDB id 1052 ABD1 RS15850 WP 001017033.1     GLQHTSGGGTSTSTNLNTGVDSLGNNVGSLLSPRGTITQDDRTNTLIINDTAQSIDQIRKMIDLLDVQVKQVMVEARIVR   464
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ........................GNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQVQIEARIVT   329
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ........................GNVNMLSERGSISIDERTNSLLIRELPDNIAVIREIIESLDIPVKQVQIEARIVT   329
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ........................GNISMLSDRGSMTIDERTNSLLIRELPENIEVIREIIESLDIPVKQVQIEARIVT   330
NTDB id 1284 ACE17W RS12370 WP 010946666.1   .........................QNSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQVLIEARIVE   442
NTDB id 1257 GC085 RS04855 WP 163621000.1    .........................QNSLLSDRGKISVDARTNTIWIQDTGTKIEEVRELIKQLDIPVKQVLIEARIVE   442
NTDB id 279400 C4J97 RS02050 WP 124425567.1  ........................FEGATDERGSVAVDDRTNNIIAYQTAERLDELRRIVAQLDIPVRQVMIEARIVE   201
NTDB id 1193 PAKAF RS26665 WP 003161249.1    ........................GQEGKEGGRGSITVDDRTNSIIAYQPQERLDELRRIVSQLDIPVRQVMIEARIVE   458
consensus                                                                 **** !!*****! *!***** **   ** *!**** !!****!!**!!!!!

logo
NTDB id 1115 OK783 RS00485 WP 003698035.1    AADGFSRDLGVKFGATGRKKLKNETSAFGWG......V..NS....GFGGGDKWEAQTK.......INLPVA........   531
NTDB id 1092 CAD91899.1 1..2286( )           AADGFSRDLGVKFGATGKKKLKNDTSAFGWG......V..NS....GFGGDDKWGAETK.......INLPIT........   569
NTDB id 1100 NMB RS09455 WP 002225652.1      AADGFSRDLGVKFGATGKKKLKNDTSAFGWG......V..NS....GFGGDDKWGAETK.......INLPIT........   577
NTDB id 1009 ACIAD RS15175 WP 004923730.1    ATTSFSKEMGVKWGILSQGINQNSNLLVGGSETTLWNL..RNPDSN.....GTYTIERP.....DNLNVDL...GVTTTG   521
NTDB id 1039 HON27 RS01460 WP 031993779.1    ASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNL..REPKKDETTGGYKYTIERP.....DNLNVDL...GVSNP.   533
NTDB id 1052 ABD1 RS15850 WP 001017033.1     ASTSFTKELGVKWGILSQGITNNNNLLVGGSETTLWNL..REPKKDETTGGYKYTIERP.....DNLNVDL...GVSNP.   533
NTDB id 1186 GTF74 RS01320 WP 000788426.1    VKEGNLEELGVRWGVMSTNG...SHSVGGSIESNLWQKGLLAD........DEFPVDEF.......LNVNL...ASTSAN   388
NTDB id 1175 A1552VC RS12105 WP 000788426.1  VKEGNLEELGVRWGVMSTNG...SHSVGGSIESNLWQKGLLAD........DEFPVDEF.......LNVNL...ASTSAN   388
NTDB id 1408 DSB67 RS13980 WP 010643500.1    INEGNMDELGVRWGFTSING...SHTVGGSIENNLATIGLYDGGGEGDDGGSSVGIDDF.......LNVNL...AATSPN   397
NTDB id 1284 ACE17W RS12370 WP 010946666.1   VTKDFSQDIGIRWGVSRPTH...LSGTLEGA.NELA.R........GTAPANVVPLERR.......LNLDLAAAPLTGAT   502
NTDB id 1257 GC085 RS04855 WP 163621000.1    VTKDFSQDIGIRWGVSRPTH...LSGTLEGA.NELA.R........GTAPANVVPLERR.......LNLDLAAVPLTGAT   502
NTDB id 279400 C4J97 RS02050 WP 124425567.1  ANVDYDKSLGVRWGGRLNRG...NWGAGGIS.RPVT.......................DGAQ...PPLNPPSAPFVDLGSL   253
NTDB id 1193 PAKAF RS26665 WP 003161249.1    ANVGYDKSLGVRWGGAYHKG...NWSGYGKD.GNIGIK........DEDGMNCGPIAGSCTFPTTGTSKSPSPFVDLGAK   526
consensus                                    *   *****!***!                *     *                * **          *** *     *

logo
NTDB id 1115 OK783 RS00485 WP 003698035.1    AAANSISLVRAISSGALNLELSASESLSKTKTLANPRVLTQNRKEAKIESGYEIPFTVTTASGGGNSTNTELKKAVLGLT   611
NTDB id 1092 CAD91899.1 1..2286( )           AAANSISLVRAISSGALNLELSASESLSKPKTLANPRVLTQNRKEAKIESGYEIPFTVTSIANGGSSTNTELKKAVLGLT   649
NTDB id 1100 NMB RS09455 WP 002225652.1      AAANSISLVRAISSGALNLELSASESLSKTKTLANPRVLTQNRKEAKIESGYEIPFTVTSIANGGSSTNTELKKAVLGLT   657
NTDB id 1009 ACIAD RS15175 WP 004923730.1    ASSIAFGLISL.SDFMLDLELSALQADGYGEVISTPKVMSADKQKAKVATGVEVPYQSTTNSAAGSTATTSFKEALLSLE   600
NTDB id 1039 HON27 RS01460 WP 031993779.1    AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFKDALLSLN   612
NTDB id 1052 ABD1 RS15850 WP 001017033.1     AGSIAFGLISM.SDFMLDLELSALQADGYGEVISTPKVMTADKQTAKVATGQQVPYQSTTNSAAGSTATTSFKDALLSLN   612
NTDB id 1186 GTF74 RS01320 WP 000788426.1    ASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGAS...TVAFKKAVLSLK   465
NTDB id 1175 A1552VC RS12105 WP 000788426.1  ASSIAFQVAKLGSGTLLDLELSALQNESKAEIISSPRLITTNKQPAYIEQGTEIPYLESSSSGAS...TVAFKKAVLSLK   465
NTDB id 1408 DSB67 RS13980 WP 010643500.1    ATSIAFQVAKLGSDTLLDLELSALQQESKAEIISSPRLITTNKKPAYIEQGTEIPYLESSSSGAT...SVTFKKAVLSLK   474
NTDB id 1284 ACE17W RS12370 WP 010946666.1   PASVGIALAKLNDNILLDLELSALESEGRAELISSPRLITTNQQAAVIESGEEIPYQEATSSGAT...AVAFKKAVLSLK   579
NTDB id 1257 GC085 RS04855 WP 163621000.1    PASVGIALAKLNDNILLDLELSALESEGRAELISSPRLITTNQQAAVIESGEEIPYQEATSSGAT...AVAFKKAVLSLK   579
NTDB id 279400 C4J97 RS02050 WP 124425567.1  TGTSGLGLAFITDNLLDLELTAMEKSGNGEIVSQPKVVTSDKETARILKGTEIPYQESTSQGAT...SVSFKEASLSLE   330
NTDB id 1193 PAKAF RS26665 WP 003161249.1    DATSGIGIGFITDNIILDLQLSAMEKTGNGEIVSQPKVVTSDKETAKILKGSEVPYQEASSSGAT...STSFKEAALSLE   603
consensus                                    *****  * ** *  *!*!*!*!*  * *******!**** **  !****! **!*  ** ***    *  *!*!*!*!
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logo
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NTDB id 1115 OK783 RS00485 WP 003698035.1     VTPNITPDGQIIMTVKINKDSPAQCA.SGNNTILCISTKSLNTGAMVENGGTLIVGGIYEENNGNTLTKVPLLGDIPVIG   690
NTDB id 1092 CAD91899.1 1..2286( )            VTPNITPDGQIIMTVKINKDSPAQCA.SGNQTILCISTKNLNTGAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIG   728
NTDB id 1100 NMB RS09455 WP 002225652.1       VTPNITPDGQIIMTVKINKDSPAQCA.SGNQTILCISTKNLNTGAMVENGGTLIVGGIYEEDNGNTLTKVPLLGDIPVIG   736
NTDB id 1009 ACIAD RS15175 WP 004923730.1     VTPNITPDGKILMELNIANDSINS...YAQNGEAILNKNTINTNVLVNNGETVVLGGVFEQTTNNAVTKVPFLGDLPYVG   677
NTDB id 1039 HON27 RS01460 WP 031993779.1     VTPSITPDGKIQMKLDISKDSVAG...AAPNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPFFGDIPVVG   689
NTDB id 1052 ABD1 RS15850 WP 001017033.1      VTPSITPDGKIQMKLDISKDSVAG...AAPNGELILNKNNINTNVLVDNGETVILGGVFEQTTMNSQTKVPFFGDIPVVG   689
NTDB id 1186 GTF74 RS01320 WP 000788426.1     VTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLG   545
NTDB id 1175 A1552VC RS12105 WP 000788426.1   VTPQITPDNRLVLDLSVTQDRRGETVKTGTGEAVSIDTQRIGTQVLVNNGETVVLGGIFQHSINNSVDKVPLLGDLPVLG   545
NTDB id 1408 DSB67 RS13980 WP 010643500.1     VTPQITPDNRLVLDLSVTQDRPGQVVKTGTGEAVAIDTQRIGTQVLVNNGETVVLGGIFQHSITNSVDKVPLLGDLPLLG   554
NTDB id 1284 ACE17W RS12370 WP 010946666.1    VTPQITPDGKILMDLQINQDTPSPQT.F..LGVPAIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPFFGELPVVG   656
NTDB id 1257 GC085 RS04855 WP 163621000.1     VTPQITPDGKILMDLQINQDTPSPQT.F..LGVPAIITKEIQTNVLVNNGQTIVLGGIYKQDKNKVINRIPFFGELPVVG   656
NTDB id 279400 C4J97 RS02050 WP 124425567.1   VTPQITPDDHVIMVVKVTKDEPDYLNKL..NDVPPIKKNEVNAKVLVKGGETIVIGGVFSNTQSKVVDKVPFLGDVPYLG   408
NTDB id 1193 PAKAF RS26665 WP 003161249.1     VTPQITPDNRIIVEVKVTKDAPDYQNML..NGVPPINKNEVNAKILVNDGETIVIGGVFSNEQSKSVEKVPFLGELPYLG   681
consensus                                     !!!*!!!!***** * *  !***     * *  * * ** ******! *!*!***!!**     *** **! *!**!**!
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logo
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NTDB id 1115 OK783 RS00485 WP 003698035.1     NLFKTRGKKTDRRELLIFITPRIIDTAGNSLRY.........   723
NTDB id 1092 CAD91899.1 1..2286( )            NLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY*........   761
NTDB id 1100 NMB RS09455 WP 002225652.1       NLFKTRGKKTDRRELLIFITPRIMGTAGNSLRY.........   769
NTDB id 1009 ACIAD RS15175 WP 004923730.1     RLFKKTAKSEAKNELLIFVTPRIVNDTIVGNH..........   709
NTDB id 1039 HON27 RS01460 WP 031993779.1     RLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
NTDB id 1052 ABD1 RS15850 WP 001017033.1      RLFRKDVKSDDKQELLIFVTPRIVNDTLARNH..........   721
NTDB id 1186 GTF74 RS01320 WP 000788426.1     ALFRRTYEQMGKSELLIFVTPKVVIQ................   571
NTDB id 1175 A1552VC RS12105 WP 000788426.1   ALFRRTYEQMGKSELLIFVTPKVVIQ................   571
NTDB id 1408 DSB67 RS13980 WP 010643500.1     ALFRRSYENVGKSELLIFVTPKVVIQ................   580
NTDB id 1284 ACE17W RS12370 WP 010946666.1    ILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 1257 GC085 RS04855 WP 163621000.1     ILFSNRQITLKNEELLIFITPRIITNALSITTIEGREKDVYK   698
NTDB id 279400 C4J97 RS02050 WP 124425567.1   RLFRRDVRAEKKSELLVFLTPRIMNNQAIAASR.........   441
NTDB id 1193 PAKAF RS26665 WP 003161249.1     RLFRRDTVTDRKNELLVFLTPRIMNNQAIAIGR.........   714
consensus                                      !!**       * !!!*!*!!***
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X non conserved

X similar

X ≥ 50% conserved