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logo
NTDB id 378 SMU RS02690 WP 002263569.1     ..................................................................................  0
NTDB id 85 BSU 00860 NP 387967.1           ..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIGRG........QEMS  75
NTDB id 610 V4T04 RS10165 WP 012897346.1   MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSSDLLID......LE..DLSSHVKVKR  77
NTDB id 287 SP RS11210 WP 001109712.1      .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDETF  75
NTDB id 290 KZH43 RS10025 WP 001109677.1   .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDETF  75
NTDB id 289 SPD RS10700 WP 001109677.1     .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLEE.....VALELTETDYSQDETF  75
NTDB id 297 STER RS00545 WP 011680614.1    ....MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII  81
NTDB id 329 STU RS10020 WP 011225298.1     ....MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII  81
NTDB id 31356 SEZ RS00855 WP 037583944.1   ....MMTYSLKMQDIFNQAQFQAERFDSPYLETWHILLAMVAVDHSLAAMVLSEFERKIRAEEYEAAAILAMGKSPKEVTS...V  78
NTDB id 377 SMU RS09275 WP 002262344.1     ....MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSSN..DI  79
consensus                                      * *********  *** * **   ************  * **** ** **  **  ** *   *****    * *  *

logo
NTDB id 378 SMU RS02690 WP 002263569.1     .MLCQNCKLNEA..TIHLYANVNGQQKQIDLCQNCYQIMKTDPENGP...LNH..LSQQNSSSINPFFDDFFGDLNNFRAFNNQD  77
NTDB id 85 BSU 00860 NP 387967.1           QTIHYTPRAKKVIELSMDEARKLGH.SYVGTEHILLGLIRE.GEGVAARVLNNLGVSLNKARQQVLQLLGSNE.....TGS....  149
NTDB id 610 V4T04 RS10165 WP 012897346.1   STLRFSPRAEEVMTAASFLAIHNNS.EAVGTEHLLYALLQV.EDGFGLQLLKL..........QKINIVSLRKELEKRTGLKVPE  150
NTDB id 287 SP RS11210 WP 001109712.1      TELPFSRRLQVLFDEAEYVASVVHA.KVLGTEHVLYAILHD.SNALATRILERAGFSYEDKKD.QVKIAALRRNLEERAGWTRED  157
NTDB id 290 KZH43 RS10025 WP 001109677.1   TELPFSRRLQILFDEAEYVASVVHA.KVLGTEHVLYAILHD.GNALATRILERAGFSYEDKKD.QVKIAALRRNLEERAGWTRED  157
NTDB id 289 SPD RS10700 WP 001109677.1     TELPFSRRLQILFDEAEYVASVVHA.KVLGTEHVLYAILHD.GNALATRILERAGFSYEDKKD.QVKIAALRRNLEERAGWTRED  157
NTDB id 297 STER RS00545 WP 011680614.1    DLRAQSPALEAMLQEAQEIASVTGA.VEVGSEHVLMAFLLH.KDLMVCRLLEVAGFQYKDDSD.KPRIIDLRRSLERNAGLSKQD  163
NTDB id 329 STU RS10020 WP 011225298.1     DLRAQSPALEAMLQEAQGIASVTGA.VEVGSEHVLMAFLLH.KDLMVCRLLEVAGFQYKDDSD.KPRIIDLRRSLERNAGLSKQD  163
NTDB id 31356 SEZ RS00855 WP 037583944.1   QFKPQSKALSEILAFAHAICQVTNE.HEVGSEHVLFAILLN.PDIMASRLLELAGYRLKDSGKGEPRFADLRKAIELNAGYSKET  161
NTDB id 377 SMU RS09275 WP 002262344.1     MLLEQSHALKRTLAEAAAISQVTHA.KEVGTEHVLFAMLLN.PNLLATRILELVGFHAKDDGES.IRLLDLRKVIERYAGFSKED  161
consensus                                    * ** **  ** **  ****  * * ***********    *******!******* *  *  ******** **  *******

logo
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NTDB id 610 V4T04 RS10165 WP 012897346.1   SKKAVTPMSKRKMAKGV................AENSTTPTLDSVSSDLTEEARLGKLDPMIGREAEIDRLIHILSRRTKNNPVL  219
NTDB id 287 SP RS11210 WP 001109712.1      LK.ALRQRHRTV.ADKQ....N....SMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMIQILSRKTKNNPVL  232
NTDB id 290 KZH43 RS10025 WP 001109677.1   LK.ALRQRHRTV.ADKQ....N....SMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMIQILSRKTKNNPVL  232
NTDB id 289 SPD RS10700 WP 001109677.1     LK.ALRQRHRTV.ADKQ....N....SMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRMIQILSRKTKNNPVL  232
NTDB id 297 STER RS00545 WP 011680614.1    LK.AIHDLRKPKKSKAS....A....NFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMIQVLSRKTKNNPVL  239
NTDB id 329 STU RS10020 WP 011225298.1     LK.AIHDLRKPKKSKAS....A....NFANMMQPPQSSTGELADYTKDLTALAESGNLDPIIGRDEEISRMIQVLSRKTKNNPVL  239
NTDB id 31356 SEZ RS00855 WP 037583944.1   IK.AIHELRKPKKTKSV....G....TFSEMMKPQ.STAGELSDFTRDLTEMARQGLLEPVIGREKEVSRMVQVLCRKTKNNPVL  236
NTDB id 377 SMU RS09275 WP 002262344.1     IK.AIFEMRKPKKVKNS....S....SFSDLMKPP.SVTGELADFTRDLTELARQGRLEPVIGREQEISRMVQILSRKTKNNPVL  236
consensus                                  **  **  * *** **           * ****  *** ** !*****!!**!******!*!!!**!**!****!*!*!!!!!!!
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logo
NTDB id 378 SMU RS02690 WP 002263569.1      IGEPGVGKTAVVEGLAQKIVDGDVPQKLHGKNVIRLDVVSLVQGTGIRGQFEERMQKLMEEIRQRQDVILFIDEIHEIVGAGSAG   242
NTDB id 85 BSU 00860 NP 387967.1            IGEPGVGKTAIAEGLAQQIINNEVPEILRDKRVMTLDMGTVVAGTKYRGEFEDRLKKVMDEIRQAGNIILFIDELHTLIGAGG.A   290
NTDB id 610 V4T04 RS10165 WP 012897346.1    VGEPGVGKSAIIEGLAQRIVNGQVPIGLMNSRIMALNMATVVAGTKFRGEFEDRLTAIVEEVSSDPDVIIFIDELHTIIGAGGGM   304
NTDB id 287 SP RS11210 WP 001109712.1       VGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMGSGSGI   317
NTDB id 290 KZH43 RS10025 WP 001109677.1    VGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMGSGSGI   317
NTDB id 289 SPD RS10700 WP 001109677.1      VGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDGQVILFIDELHTIMGSGSGI   317
NTDB id 297 STER RS00545 WP 011680614.1     VGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELHTIIGSGSGI   324
NTDB id 329 STU RS10020 WP 011225298.1      VGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEADGKIILFIDELHTIIGSGSGI   324
NTDB id 31356 SEZ RS00855 WP 037583944.1    VGDAGVGKTALAYGLAQRIASGVIPYELQDMRVLELDMMSVVAGTRFRGDFEERMNQLIDDIEADGKIILFVDELHTIMGSGSGI   321
NTDB id 377 SMU RS09275 WP 002262344.1      VGDAGVGKTALAYGLAQRIVDSAVPFELADMKVLELDMMSVVAGTRFRGDFEERMNQIIADIEADGHIVLFIDELHTIMGSGSGI   321
consensus                                   *!**!!!!*!***!!!!*!*****! *********!*****!*!!**!!*!!*!********* ** ***!*!!*!***!*!***

logo
NTDB id 378 SMU RS02690 WP 002263569.1      DGNMDAGNILKPALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPSVAETITILKGIQPKYEDYHHVKYTDEAIEAAA   326
NTDB id 85 BSU 00860 NP 387967.1            EGAIDASNILKPSLARGELQCIGATTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQILQGLRDRYEAHHRVSITDDAIEAAV   375
NTDB id 610 V4T04 RS10165 WP 012897346.1    DSVNDAANILKPALARGDFQMVGATTYHEYQKYIEKDEALERRLARINVDEPSPDEAIAILQGLREKFEDYHQVKFTDQAIKSAV   389
NTDB id 287 SP RS11210 WP 001109712.1       DSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAV   402
NTDB id 290 KZH43 RS10025 WP 001109677.1    DSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAV   402
NTDB id 289 SPD RS10700 WP 001109677.1      DSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMTILQGLKATYEKHHRVQITDEAVETAV   402
NTDB id 297 STER RS00545 WP 011680614.1     DSTLDAANILKPALARGTLHMVGATTQAEYQKHIEKDAALSRRFAKITIEEPSVSEAIDILNGLRSSYEDYHRVTITDAAVETAV   409
NTDB id 329 STU RS10020 WP 011225298.1      DSTLDAANILKPALARGTLHMVGATTQAEYQKHIEKDAALSRRFAKITIEEPSVSEAIDILNGLRSSYEDYHRVTITDAAVETAV   409
NTDB id 31356 SEZ RS00855 WP 037583944.1    DSTLDAANILKPALSRGTLHMVGATTQEEYQKHIEKDAALSRRFAKILIEEPSVDDAYQILLGLRASYEQYHNVTISDKAVHTAV   406
NTDB id 377 SMU RS09275 WP 002262344.1      DSTLDAANILKPALARGSLRTIGATTQEEYQKHIEKDAALSRRFAKVTIEEPSEEEAYQILLGLKKSYETYHHVIISDAAVMAAV   406
consensus                                   ****!!*!!!!!*!*!!** **!!!!**!!***!!!!*!!*!!********!!* *** !!*!** **! *!*! **!*!***!*

logo
NTDB id 378 SMU RS02690 WP 002263569.1      NLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNF..VDPKEIDHRLIEAENLKAQATRDEDYEKAAYFRDQIAKYKE.......MQ   402
NTDB id 85 BSU 00860 NP 387967.1            KLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKLDEVRKEKDAAVQSQEFEKAASLRDTEQRLREQVEDTKKSW   460
NTDB id 610 V4T04 RS10165 WP 012897346.1    MLSVRYMTSRKLPDKAIDLLDEAAAAVKISVKNQQTKRLDLEKELAEAQEELSEAVIKLDIKASRTKEKAVEKIAD......KIY   468
NTDB id 287 SP RS11210 WP 001109712.1       KMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDLS........PADKALMDGKWKQAAQLIAK................   464
NTDB id 290 KZH43 RS10025 WP 001109677.1    KMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDLS........PADKALMDGKWKQAAQLIAK................   464
NTDB id 289 SPD RS10700 WP 001109677.1      KMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDLS........PADKALMDGKWKQAAQLIAK................   464
NTDB id 297 STER RS00545 WP 011680614.1     KAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EDKREIT........PLDEALISGDIGAAVKQYKA................   469
NTDB id 329 STU RS10020 WP 011225298.1      KAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EAKREIT........PLDEALISGDIGAAVKQYKA................   469
NTDB id 31356 SEZ RS00855 WP 037583944.1    KLAQRYLTSKRLPDSAIDLLDEASAMVQSMVKK..TQPDFIT........PLDQALLDGDMSKVSALLAK................   466
NTDB id 377 SMU RS09275 WP 002262344.1      KGAHRYLSGKNLPDSAIDLLDEASATVQGLVKK..KAPAYLT........DLDHALITNDYQLAKRLLKK................   466
consensus                                   ****!!**** !!!*!!!!*!!!********** *  *** *** !******  ** ** *
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logo
NTDB id 378 SMU RS02690 WP 002263569.1     SAKLDKENTPVITEKNIEVIVEQKTNIPVGELKEKEQSQLIHLADDLKTRVIGQDAAVDKIAKAIRRNRVGLGTPNRPIGSFLFV   487
NTDB id 85 BSU 00860 NP 387967.1           KEK.QGQENSEVTVDDIAMVVSSWTGVPVSKIAQTETDKLLNMENILHSRVIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFL   544
NTDB id 610 V4T04 RS10165 WP 012897346.1   KFSVKEDKRQEVTDQAVVAVASTLTGVPITQMTKSESDRLINLEKELHKRVVGQEEAISAVSRAIRRARSGVADSRRPMGSFMFL   553
NTDB id 287 SP RS11210 WP 001109712.1      EEEVPVYK.DLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKRVIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFL   548
NTDB id 290 KZH43 RS10025 WP 001109677.1   EEEVPVYK.DLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKRVIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFL   548
NTDB id 289 SPD RS10700 WP 001109677.1     EEEVPVYK.DLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKRVIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFL   548
NTDB id 297 STER RS00545 WP 011680614.1    NQKAKFPKPALVDADQIMQTLSRLSGIPVEKMTQTDSKRYLNLESELHKRVIGQDEAVSAISRAIRRNQSGIRTGKRPIGSFMFL   554
NTDB id 329 STU RS10020 WP 011225298.1     NQKAKFPKPALVDADQIMQTLSRLSGIPVEKMTQTDSKRYLNLESELHKRVIGQDEAVSAISRAIRRNQSGIRTGKRPIGSFMFL   554
NTDB id 31356 SEZ RS00855 WP 037583944.1   EDKQPKLKPTAVTEDDMLHTLSKLSGIPLEKLTQADSKKYLNLEKELHKRVVGQEMAVSAIARAIRRNQSGIRTGRRPIGSFMFL   551
NTDB id 377 SMU RS09275 WP 002262344.1     EKKPLLKKRAEVKEEDILATLSKLSGIPVKKLTQADSKKYLNLERELHKRVIGQDDAVSSISRAIRRNQSGIRVGKRPIGSFMFL   551
consensus                                  ****   *  ******** ********!* ************** *!**!!*!!**!******!*!!***!***  *!!*!!!*!*

logo
NTDB id 378 SMU RS02690 WP 002263569.1     GPTGVGKTELSKQLAIELFGSEDSMIRFDMSEYMEKHAVAKLVGAPPGYVGYEEAGQLTEKVRRNPYSLILLDEVEKAHPDVMHM   572
NTDB id 85 BSU 00860 NP 387967.1           GPTGVGKTELARALAESIFGDEESMIRIDMSEYMEKHSTSRLVGSPPGYVGYDEGGQLTEKVRRKPYSVVLLDEIEKAHPDVFNI   629
NTDB id 610 V4T04 RS10165 WP 012897346.1   GPTGVGKTELAKALADSVFGSEDNMIRVDMSEFMEKHSTSRLIGAPPGYVGYDEGGQLTERVRNKPYSVVLLDEVEKAHPDVFNI   638
NTDB id 287 SP RS11210 WP 001109712.1      GPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNV   633
NTDB id 290 KZH43 RS10025 WP 001109677.1   GPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNV   633
NTDB id 289 SPD RS10700 WP 001109677.1     GPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNV   633
NTDB id 297 STER RS00545 WP 011680614.1    GPTGVGKTELAKALAEVLFDDESALLRFDMSEYMEKFAASRLNGAPPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNI   639
NTDB id 329 STU RS10020 WP 011225298.1     GPTGVGKTELAKALAEVLFDDESALLRFDMSEYMEKFAASRLNGAPPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNV   639
NTDB id 31356 SEZ RS00855 WP 037583944.1   GPTGVGKTELAKALAELLFDDESALIRFDMSEYMEKFAASRLNGAPPGYVGYDEGGELTEKVRNKPYAVLLFDEVEKAHPDIFNI   636
NTDB id 377 SMU RS09275 WP 002262344.1     GPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNI   636
consensus                                  !!!!!!!!!!***!!***!**!****!*!!!!*!!!*****!*!*!!!!!!!*!*!*!!!*!!**!!***!*!!*!!!!!!****

logo
NTDB id 378 SMU RS02690 WP 002263569.1     FLQVLDDGRLTDGQGRTVSFKDTIIIMTSNAGTGK..SEANVGFGASREGR.....TNSVLGELGNFFSPEFMNRFDGIIEFQAL   650
NTDB id 85 BSU 00860 NP 387967.1           LLQVLEDGRLTDSKGRTVDFRNTILIMTSNVGASELKRNKYVGFNVQDETQNHKDMKDKVMGELKRAERPEFINRIDEIIVFHSL   714
NTDB id 610 V4T04 RS10165 WP 012897346.1   MLQILDDGFVTDTKGRKVDFRNTIIIMTSNLGATALRDDKTVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSL   723
NTDB id 287 SP RS11210 WP 001109712.1      LLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSL   718
NTDB id 290 KZH43 RS10025 WP 001109677.1   LLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSL   718
NTDB id 289 SPD RS10700 WP 001109677.1     LLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSL   718
NTDB id 297 STER RS00545 WP 011680614.1    LLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSL   724
NTDB id 329 STU RS10020 WP 011225298.1     LLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSL   724
NTDB id 31356 SEZ RS00855 WP 037583944.1   LLQVLDDGMLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKAIGHDHQAMEKRILEELKKAYRPEFINRIDEKVVFHSL   721
NTDB id 377 SMU RS09275 WP 002262344.1     LLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTVGFGAKSFSQDYKAMESRILEELKKVYRPEFINRIDEKVVFHNL   721
consensus                                  *!!*!*!!**!!**!!*!*!**!!*!!!!!*!********!!!*** ** *  *** ****!!*****!!!*!!*!****!**!
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logo
NTDB id 378 SMU RS02690 WP 002263569.1     SKDNLLQIVSLMLDDVNQRLAVNAIHLDVTDKVKEKLVDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKE.LKAIMTSNG   734
NTDB id 85 BSU 00860 NP 387967.1           EKKHLTEIVSLMSDQLTKRLKEQDLSIELTDAAKAKVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVEDG   799
NTDB id 610 V4T04 RS10165 WP 012897346.1   ESQEIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVKLIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGASNK   808
NTDB id 287 SP RS11210 WP 001109712.1      SSDHMQEVVKIMVKPLVASLTEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAG   803
NTDB id 290 KZH43 RS10025 WP 001109677.1   SSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAG   803
NTDB id 289 SPD RS10700 WP 001109677.1     SSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAG   803
NTDB id 297 STER RS00545 WP 011680614.1    EEEQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKD   809
NTDB id 329 STU RS10020 WP 011225298.1     EEEQLHDIVKIMVKPLISALADKGISLKFQPAALKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKD   809
NTDB id 31356 SEZ RS00855 WP 037583944.1   TQENMRDVVKIMVKPLIAALAEKHISLKFQPSALKYLSEAGYDVEMGARPLRRTLQTEVEDRLAELMLSGELSSGQSLKIGVSHG   806
NTDB id 377 SMU RS09275 WP 002262344.1     GQEDIRHIVKIMVAPLIAHLADQGITLKFQPSALKHLALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQKE   806
consensus                                  * * * **!**!****** !*************** **  !*!***!!!!!!***!***!!******! **** ********* *

logo
NTDB id 378 SMU RS02690 WP 002263569.1     KIVIKASNKVETVTKATSD   753
NTDB id 85 BSU 00860 NP 387967.1           EFVVKTTAKTN........   810
NTDB id 610 V4T04 RS10165 WP 012897346.1   KIKIAQIV...........   816
NTDB id 287 SP RS11210 WP 001109712.1      QLKFDIA............   810
NTDB id 290 KZH43 RS10025 WP 001109677.1   QLKFDIA............   810
NTDB id 289 SPD RS10700 WP 001109677.1     QLKFDIA............   810
NTDB id 297 STER RS00545 WP 011680614.1    KLTFTVV............   816
NTDB id 329 STU RS10020 WP 011225298.1     KLTFTVV............   816
NTDB id 31356 SEZ RS00855 WP 037583944.1   KLAFDIA............   813
NTDB id 377 SMU RS09275 WP 002262344.1     KLKFDIV............   813
consensus                                  ******
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X non conserved

X similar

X ≥ 50% conserved