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NTDB id 241 SP RS04015 WP 000882523.1                 ..........................................MLCQNCKINDST.............................  12
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NTDB id 378 SMU RS02690 WP 002263569.1                ..........................................MLCQNCKLNEAT.............................  12
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NTDB id 329 STU RS10020 WP 011225298.1                ....MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS  76
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NTDB id 243 SPR RS03635 WP 000882517.1                ....IHLYTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.................NRDF.DPFGDFFNDLNNF  69
NTDB id 241 SP RS04015 WP 000882523.1                 ....IHLYTNLNGKQKQIDLCQNCYKI...IKTDPNNSLFKGMTDLN.................NRDF.DPFGDFFNDLNNF  69
NTDB id 1135786 DQL09 RS06755 WP 111677362.1          ....IHLYTSVNGKQRQVDLCQNCYQI...MKSDPANSILNGLTPGYRAQ.............DRSTSPFFDDFFGDLNNF  73
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NTDB id 85 BSU 00860 NP 387967.1                      GQEMSQTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVLNNLGVSLNKARQQVLQL.........  141
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NTDB id 290 KZH43 RS10025 WP 001109677.1              QDETFTELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEER  150
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NTDB id 329 STU RS10020 WP 011225298.1                ESDIIDLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLLHKDLMVCRLLEVAGFQYKDDSDKPRIIDLRRSLERN  156
consensus                                                 * *      * **  **   *    *   *  * *  *** *   *                          *    *
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NTDB id 245 SPD RS03860 WP 000882517.1          RPSSN..TPP.....IPPTQSGGGYGGNGGYGSQN....RGSAQTPPPSQEKGLLEEFGINVTEIARRGDIDPVIGRDDE  138
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NTDB id 241 SP RS04015 WP 000882523.1           RPSSN..TPP.....IPPTQSGGGYGGNGGYGSQN....RGSAQTPPPSQEKGLLEEFGINVTEIARRGDIDPVIGRDDE  138
NTDB id 1135786 DQL09 RS06755 WP 111677362.1    RAFGN..LPN.....TPPTQAGQNGNGGGRYGGNYNGQRPAQP.QTPNQQAKGLLEEFGINVTDIARNGNIDPVIGRDEE  145
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NTDB id 85 BSU 00860 NP 387967.1                LGSNET.....................................GSSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKE  188
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NTDB id 289 SPD RS10700 WP 001109677.1          AGWTREDLKA.LRQRHRTV.AD..............KQNSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKE  214
NTDB id 287 SP RS11210 WP 001109712.1           AGWTREDLKA.LRQRHRTV.AD..............KQNSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKE  214
NTDB id 377 SMU RS09275 WP 002262344.1          AGFSKEDIKA.IFEMRKPKKVK..............NSSSFSDLMKPP.SVTGELADFTRDLTELARQGRLEPVIGREQE  218
NTDB id 297 STER RS00545 WP 011680614.1         AGLSKQDLKA.IHDLRKPKKSK..............ASANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEE  221
NTDB id 329 STU RS10020 WP 011225298.1          AGLSKQDLKA.IHDLRKPKKSK..............ASANFANMMQPPQSSTGELADYTKDLTALAESGNLDPIIGRDEE  221
consensus                                        * *           *                      **    *  !***    *!**!* *  **!*!!!**!
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consensus                                       ! !** *! !*!!!!!!!*!**!!!!*!* *!!!!*!* **!!  *    ** !*****! !!  !! !!*!** *****
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consensus                                             ***!!!!!*! **!*!** *  *!!*!!!!!*!!!!*****!!!!  !!   !!!!*!!*!!   * ***!******
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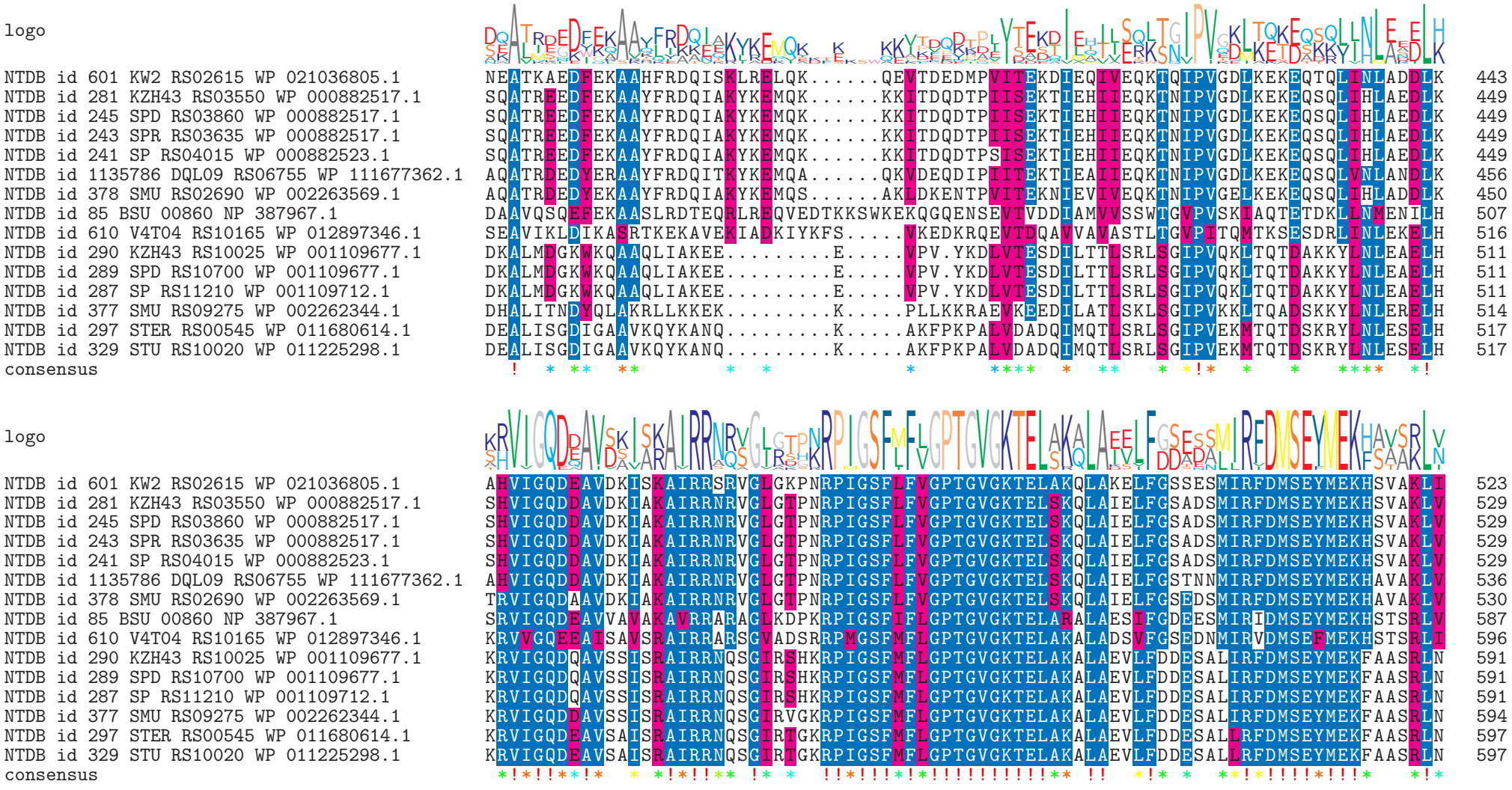
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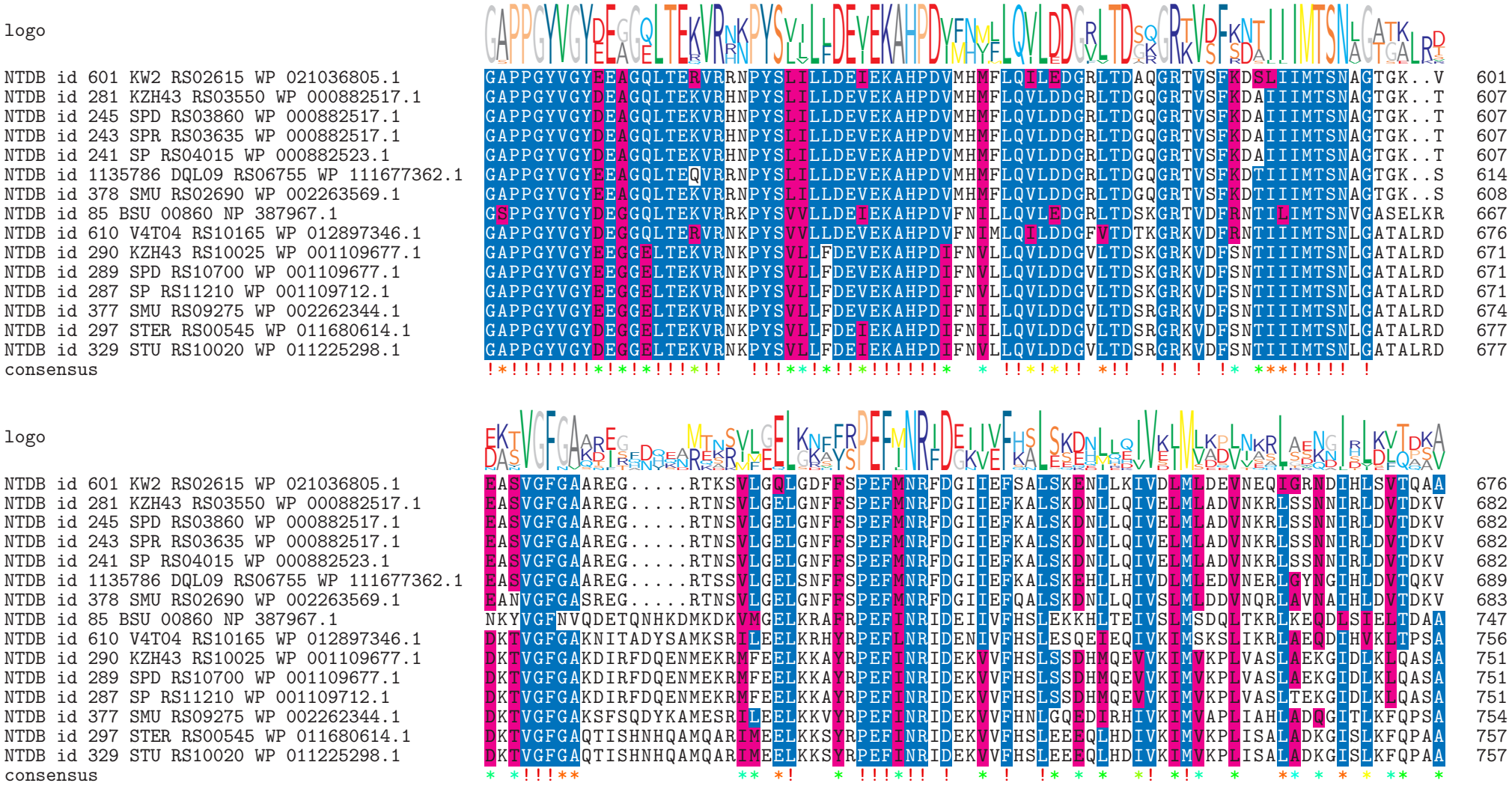
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NTDB id 281 KZH43 RS03550 WP 000882517.1 GAPPGYVGYDEAGQLTEKVRHNPYSLILLDEVEKAHPDVMHMFLQVLDDGRLTDGQGRTVSFKDAIIIMTSNAGTGK..T 607
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NTDB id 1135786 DQL09 RS06755 WP 111677362.1 GAPPGYVGYEEAGQLTEQVRRNPYSLILLDEVEKAHPDVMHMFLQVLDDGRLTDGQGRTVSFKDTIIIMTSNAGTGK..S 614
NTDB id 378 SMU RS02690 WP 002263569.1 GAPPGYVGYEEAGQLTEKVRRNPYSLILLDEVEKAHPDVMHMFLQVLDDGRLTDGQGRTVSFKDTIIIMTSNAGTGK..S 608
NTDB id 85 BSU 00860 NP 387967.1 GSPPGYVGYDEGGQLTEKVRRKPYSVVLLDEIEKAHPDVFNILLQVLEDGRLTDSKGRTVDFRNTILIMTSNVGASELKR 667
NTDB id 610 V4T04 RS10165 WP 012897346.1 GAPPGYVGYDEGGQLTERVRNKPYSVVLLDEVEKAHPDVFNIMLQILDDGFVTDTKGRKVDFRNTIIIMTSNLGATALRD 676
NTDB id 290 KZH43 RS10025 WP 001109677.1 GAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRD 671
NTDB id 289 SPD RS10700 WP 001109677.1 GAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRD 671
NTDB id 287 SP RS11210 WP 001109712.1 GAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRD 671
NTDB id 377 SMU RS09275 WP 002262344.1 GAPPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRD 674
NTDB id 297 STER RS00545 WP 011680614.1 GAPPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRD 677
NTDB id 329 STU RS10020 WP 011225298.1 GAPPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNVLLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRD 677
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NTDB id 601 KW2 RS02615 WP 021036805.1 EASVGFGAAREG.....RTKSVLGQLGDFFSPEFMNRFDGIIEFSALSKENLLKIVDLMLDEVNEQIGRNDIHLSVTQAA 676
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NTDB id 245 SPD RS03860 WP 000882517.1 EASVGFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKV 682
NTDB id 243 SPR RS03635 WP 000882517.1 EASVGFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKV 682
NTDB id 241 SP RS04015 WP 000882523.1 EASVGFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKV 682
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NTDB id 378 SMU RS02690 WP 002263569.1 EANVGFGASREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFQALSKDNLLQIVSLMLDDVNQRLAVNAIHLDVTDKV 683
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NTDB id 610 V4T04 RS10165 WP 012897346.1 DKTVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLESQEIEQIVKIMSKSLIKRLAEQDIHVKLTPSA 756
NTDB id 290 KZH43 RS10025 WP 001109677.1 DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASA 751
NTDB id 289 SPD RS10700 WP 001109677.1 DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASA 751
NTDB id 287 SP RS11210 WP 001109712.1 DKTVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLTEKGIDLKLQASA 751
NTDB id 377 SMU RS09275 WP 002262344.1 DKTVGFGAKSFSQDYKAMESRILEELKKVYRPEFINRIDEKVVFHNLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSA 754
NTDB id 297 STER RS00545 WP 011680614.1 DKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAA 757
NTDB id 329 STU RS10020 WP 011225298.1 DKTVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAA 757
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NTDB id 601 KW2 RS02615 WP 021036805.1 KEKLVDLGYNPAMGARPLRRTIQENIEDSIADFYIEHPEYKQL.VADLIDDKIVISNQTQETAETTDEEVPAE 748
NTDB id 281 KZH43 RS03550 WP 000882517.1 KEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 245 SPD RS03860 WP 000882517.1 KEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 243 SPR RS03635 WP 000882517.1 KEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 241 SP RS04015 WP 000882523.1 KEKLVDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 1135786 DQL09 RS06755 WP 111677362.1 KEKLVDLGYDPKMGARPLRRTIQDYIEDAITDYYLEHPTEKQL.RALMTNSENITIKAVKEGDSFLNEESL.D 760
NTDB id 378 SMU RS02690 WP 002263569.1 KEKLVDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKEL.KAIMTSNGKIVIKASNKVETVTKATSD.. 753
NTDB id 85 BSU 00860 NP 387967.1 KAKVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVEDGEFVVKTTAKTN.......... 810
NTDB id 610 V4T04 RS10165 WP 012897346.1 VKLIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGASNKKIKIAQIV.............. 816
NTDB id 290 KZH43 RS10025 WP 001109677.1 LKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA.............. 810
NTDB id 289 SPD RS10700 WP 001109677.1 LKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA.............. 810
NTDB id 287 SP RS11210 WP 001109712.1 LKLLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAGQLKFDIA.............. 810
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NTDB id 297 STER RS00545 WP 011680614.1 LKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV.............. 816
NTDB id 329 STU RS10020 WP 011225298.1 LKHLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV.............. 816
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X similar
X ≥ 50% conserved