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NTDB id 245 SPD RS03860 WP 000882517.1          RPSS..NTPP.....IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGDIDPVIGRDDEIIRV  142
NTDB id 243 SPR RS03635 WP 000882517.1          RPSS..NTPP.....IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGDIDPVIGRDDEIIRV  142
NTDB id 241 SP RS04015 WP 000882523.1           RPSS..NTPP.....IPPTQSGGGYGGNGGYGSQNRGSAQTPPPSQEKGLLEEFGINVTEIARRGDIDPVIGRDDEIIRV  142
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NTDB id 85 BSU 00860 NP 387967.1                LGSNET..............................GSSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRV  192
NTDB id 610 V4T04 RS10165 WP 012897346.1        TGLKVPESKKAVTPMSKRKMAKG.................VAENSTTPTLDSVSSDLTEEARLGKLDPMIGREAEIDRL  205
NTDB id 290 KZH43 RS10025 WP 001109677.1        AGWTREDLKA.LRQRHRTV.ADKQ..........NSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRM  218
NTDB id 289 SPD RS10700 WP 001109677.1          AGWTREDLKA.LRQRHRTV.ADKQ..........NSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRM  218
NTDB id 287 SP RS11210 WP 001109712.1           AGWTREDLKA.LRQRHRTV.ADKQ..........NSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEISRM  218
NTDB id 377 SMU RS09275 WP 002262344.1          AGFSKEDIKA.IFEMRKPKKVKNS..........SSFSDLMKPP.SVTGELADFTRDLTELARQGRLEPVIGREQEISRM  222
NTDB id 297 STER RS00545 WP 011680614.1         AGLSKQDLKA.IHDLRKPKKSKAS..........ANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRM  225
NTDB id 329 STU RS10020 WP 011225298.1          AGLSKQDLKA.IHDLRKPKKSKAS..........ANFANMMQPPQSSTGELADYTKDLTALAESGNLDPIIGRDEEISRM  225
consensus                                         * *  *         *    *                *     *  !***    *!**!* * **!*!!!* !!  !*
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NTDB id 245 SPD RS03860 WP 000882517.1          IEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPHKLQGKQVIRLDVVSLVQGTGIRGQFEERMQKLMEEIRKRE  222
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NTDB id 290 KZH43 RS10025 WP 001109677.1        IQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDG  298
NTDB id 289 SPD RS10700 WP 001109677.1          IQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDG  298
NTDB id 287 SP RS11210 WP 001109712.1           IQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEEDG  298
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NTDB id 329 STU RS10020 WP 011225298.1          IQVLSRKTKNNPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEADG  305
consensus                                       * *! !*!!!!!!!!*!**!!!!!*!* *!!!!*!* **!!   *     **  !*****!  !!   !! !!*!** *****
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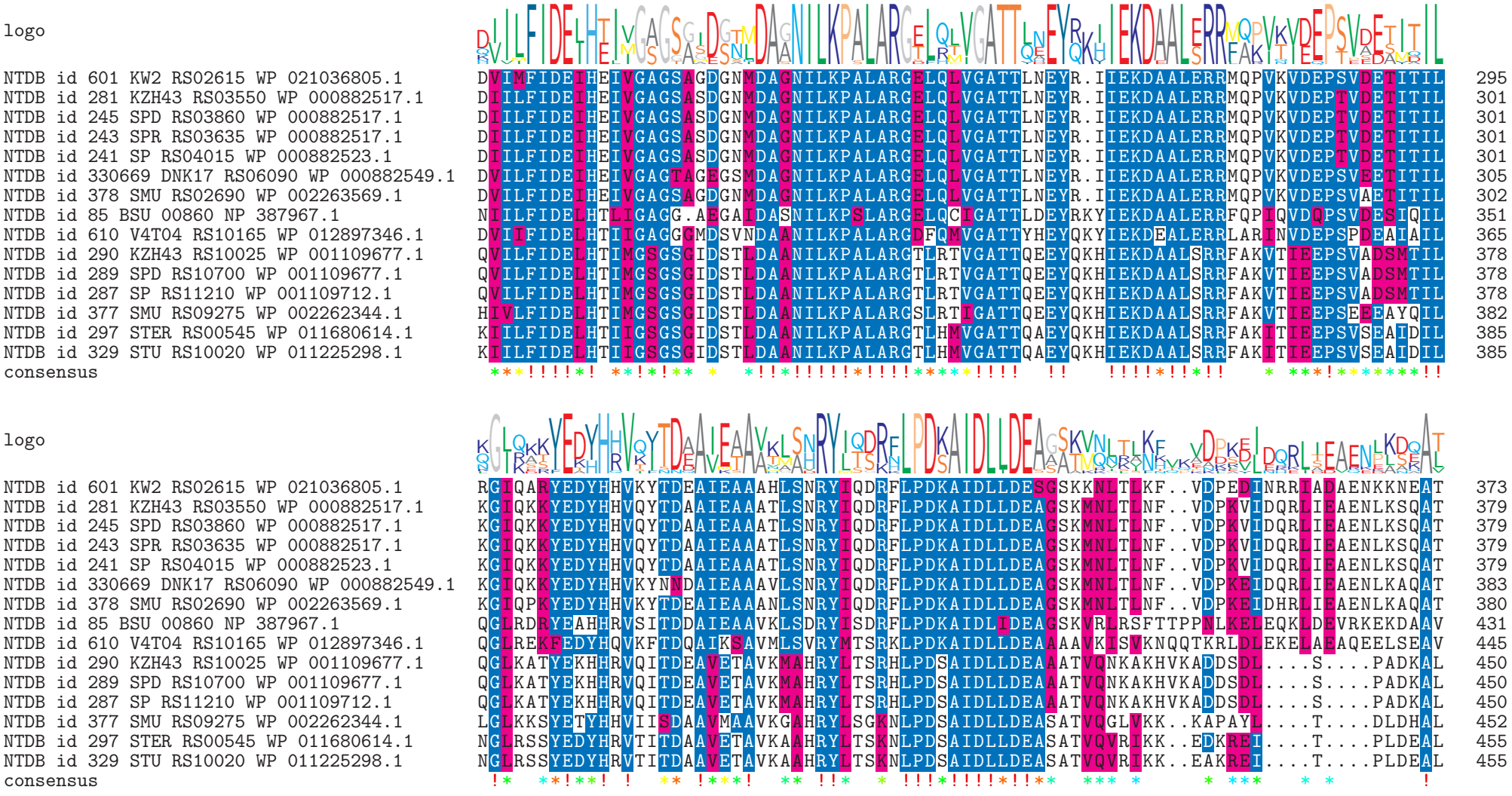
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NTDB id 281 KZH43 RS03550 WP 000882517.1 DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL 301
NTDB id 245 SPD RS03860 WP 000882517.1 DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL 301
NTDB id 243 SPR RS03635 WP 000882517.1 DIILFIDEIHEIVGAGSASDGNMDAGNILKPALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPTVDETITIL 301
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NTDB id 85 BSU 00860 NP 387967.1 NIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGELQCIGATTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQIL 351
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consensus
logo
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NTDB id 610 V4T04 RS10165 WP 012897346.1 QGLREKFEDYHQVKFTDQAIKSAVMLSVRYMTSRKLPDKAIDLLDEAAAAVKISVKNQQTKRLDLEKELAEAQEELSEAV 445
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NTDB id 297 STER RS00545 WP 011680614.1 NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EDKREI....T....PLDEAL 455
NTDB id 329 STU RS10020 WP 011225298.1 NGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EAKREI....T....PLDEAL 455
consensus

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NTDB id 243 SPR RS03635 WP 000882517.1          REEDFEKAAYFRDQIAKYKEMQK.....KKITDQDTPIISEKTIEHIIEQKTNIPVGDLKEKEQSQLIHLAEDLKSHVI  453
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NTDB id 330669 DNK17 RS06090 WP 000882549.1     REEDYERAAYFRDQIAKYKEMQQ.....QKVDDQDTPTITEKTIEHIIEEKTNIPVGDLKEKEQSQLINLADDLKQHVI  457
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consensus                                        * **  **       *  *           *      ****  *  **   * *!*  *   *   ****  *!  *!*
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consensus                                        !!**!*  * *!*!!** !* *  !!*!!!*!*!!!!!!!!!!!** !!  *!* ** **!*!!!!*!!!*  *!*!*!!
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NTDB id 377 SMU RS09275 WP 002262344.1          GYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTV  678
NTDB id 297 STER RS00545 WP 011680614.1         GYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTV  681
NTDB id 329 STU RS10020 WP 011225298.1          GYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNVLLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDKTV  681
consensus                                       !!!!!*!*!*!!!*!!  !!!**!*!!*!!!!!!*  * !!*!*!! *!!  !! ! !* ***!!!!! !      * *!
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NTDB id 245 SPD RS03860 WP 000882517.1          GFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL  686
NTDB id 243 SPR RS03635 WP 000882517.1          GFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL  686
NTDB id 241 SP RS04015 WP 000882523.1           GFGAAREG.....RTNSVLGELGNFFSPEFMNRFDGIIEFKALSKDNLLQIVELMLADVNKRLSSNNIRLDVTDKVKEKL  686
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NTDB id 289 SPD RS10700 WP 001109677.1          GFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALKLL  755
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NTDB id 377 SMU RS09275 WP 002262344.1          GFGAKSFSQDYKAMESRILEELKKVYRPEFINRIDEKVVFHNLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSALKHL  758
NTDB id 297 STER RS00545 WP 011680614.1         GFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAALKHL  761
NTDB id 329 STU RS10020 WP 011225298.1          GFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAALKHL  761
consensus                                       !!**                **  *!    *  !!!*!!  !  *  !  !* ***  *! *!*  *   ** * * * ** *   *
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logo
NTDB id 601 KW2 RS02615 WP 021036805.1 VDLGYNPAMGARPLRRTIQENIEDSIADFYIEHPEYKQL.VADLIDDKIVISNQTQETAETTDEEVPAE 748
NTDB id 281 KZH43 RS03550 WP 000882517.1 VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 245 SPD RS03860 WP 000882517.1 VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 243 SPR RS03635 WP 000882517.1 VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 241 SP RS04015 WP 000882523.1 VDLGYDPKMGARPLRRTIQDYIEDTITDYYLENPSEKDL.KAVMTSKGNIQIKSAKKAEVKSSEKEK.. 752
NTDB id 330669 DNK17 RS06090 WP 000882549.1 VDLGYDPKMGARPLRRTIQEHIEDAITDYYLENPSEKEL.RAIMTSNGNIIIKSSKKTEESTKG..... 753
NTDB id 378 SMU RS02690 WP 002263569.1 VDLGYDPKMGARPLRRTIQEHIEDAITDFYLEHPEQKEL.KAIMTSNGKIVIKASNKVETVTKATSD.. 753
NTDB id 85 BSU 00860 NP 387967.1 AEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVEDGEFVVKTTAKTN.......... 810
NTDB id 610 V4T04 RS10165 WP 012897346.1 AEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGASNKKIKIAQIV.............. 816
NTDB id 290 KZH43 RS10025 WP 001109677.1 ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA.............. 810
NTDB id 289 SPD RS10700 WP 001109677.1 ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA.............. 810
NTDB id 287 SP RS11210 WP 001109712.1 ANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAGQLKFDIA.............. 810
NTDB id 377 SMU RS09275 WP 002262344.1 ALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQKEKLKFDIV.............. 813
NTDB id 297 STER RS00545 WP 011680614.1 AKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV.............. 816
NTDB id 329 STU RS10020 WP 011225298.1 AKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV.............. 816
consensus
X non conserved
X similar
X ≥ 50% conserved