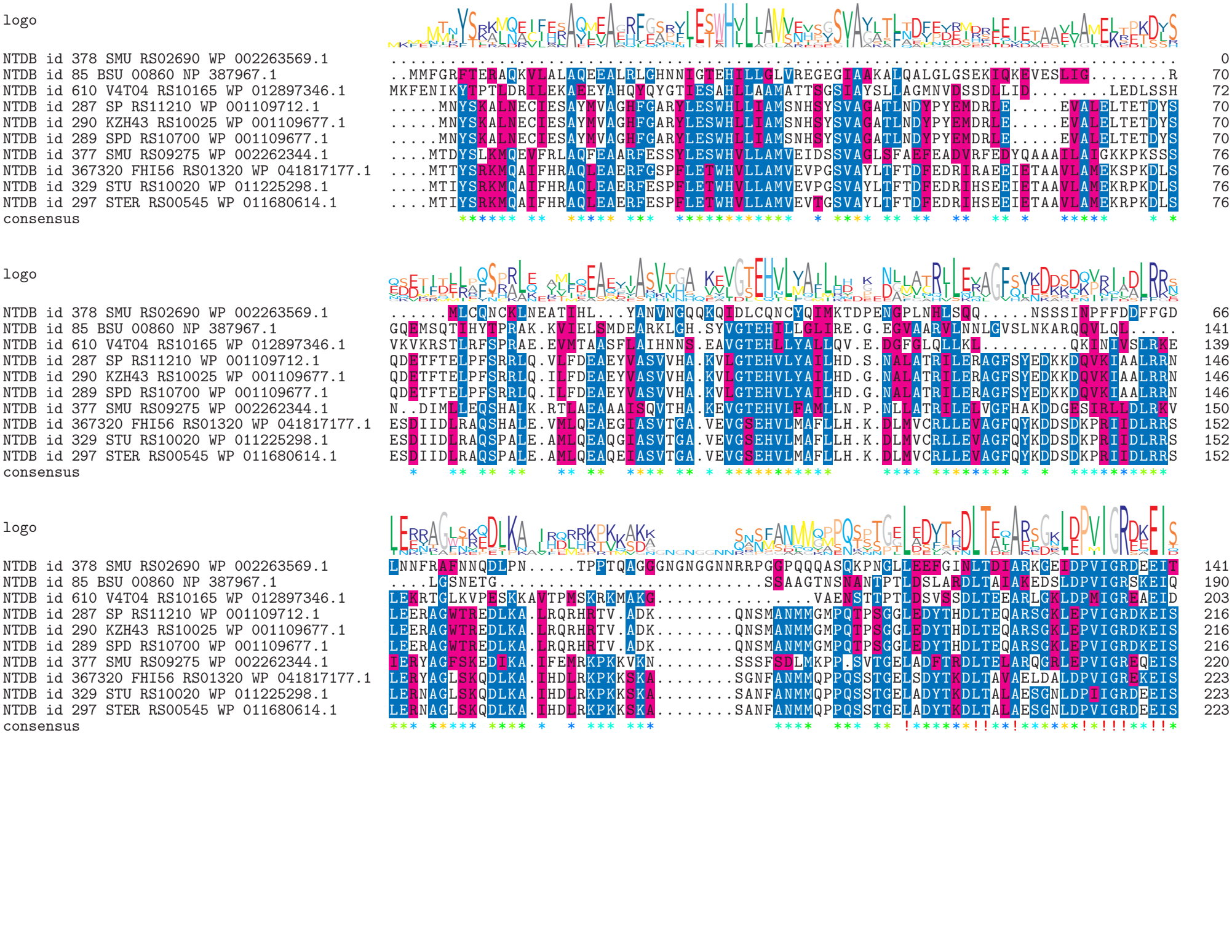

logo
NTDB id 378 SMU RS02690 WP 002263569.1 0
NTDB id 85 BSU 00860 NP 387967.1 ..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....R 70
NTDB id 610 V4T04 RS10165 WP 012897346.1 MKFENIKYTPTLDRILEKAEEYAHQYQYGTIESAHLLAAMATTSGSIAYSLLAGMNVDSSDLLID.....LEDLSSH 72
NTDB id 287 SP RS11210 WP 001109712.1 .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS 70
NTDB id 290 KZH43 RS10025 WP 001109677.1 .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS 70
NTDB id 289 SPD RS10700 WP 001109677.1 .....MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYS 70
NTDB id 377 SMU RS09275 WP 002262344.1 ....MTDYSLKMQEVFRLAQFEAARFESSYLESWHVLLAMVEIDSSVAGLSFAEFEADVRFEDYQAAAILAIGKKPKSSS 76
NTDB id 367320 FHI56 RS01320 WP 041817177.1 ....MTTYSRKMQAIFHRAQLEAERFGSPFLETWHVLLAMVEVPGSVAYLTFTDFEDRIRAEEIETAAVLAMEKSPKDLS 76
NTDB id 329 STU RS10020 WP 011225298.1 ....MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVPGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS 76
NTDB id 297 STER RS00545 WP 011680614.1 ....MTIYSRKMQAIFHRAQLEAERFESPFLETWHVLLAMVEVTGSVAYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLS 76
consensus
logo
NTDB id 378 SMU RS02690 WP 002263569.1 ......MLCQNCKLNEATIHL...YANVNGQQKQIDLCQNCYQIMKTDPENGPLNHLSQQ.....NSSSINPFFDDFFGD 66
NTDB id 85 BSU 00860 NP 387967.1 GQEMSQTIHYTPRAK.KVIELSMDEARKLGH.SYVGTEHILLGLIRE.G.EGVAARVLNNLGVSLNKARQQVLQL..... 141
NTDB id 610 V4T04 RS10165 WP 012897346.1 VKVKRSTLRFSPRAE.EVMTAASFLAIHNNS.EAVGTEHLLYALLQV.E.DGFGLQLLKL.....QKINIVSLRKE 139
NTDB id 287 SP RS11210 WP 001109712.1 QDETFTELPFSRRLQ.VLFDEAEYVASVVHA.KVLGTEHVLYAILHD.S.NALATRILERAGFSYEDKKDQVKIAALRRN 146
NTDB id 290 KZH43 RS10025 WP 001109677.1 QDETFTELPFSRRLQ.ILFDEAEYVASVVHA.KVLGTEHVLYAILHD.G.NALATRILERAGFSYEDKKDQVKIAALRRN 146
NTDB id 289 SPD RS10700 WP 001109677.1 QDETFTELPFSRRLQ.ILFDEAEYVASVVHA.KVLGTEHVLYAILHD.G.NALATRILERAGFSYEDKKDQVKIAALRRN 146
NTDB id 377 SMU RS09275 WP 002262344.1 N..DIMLLEQSHALK.RTLAEAAAISQVTHA.KEVGTEHVLFAMLLN.P.NLLATRILELVGFHAKDDGESIRLLDLRKV 150
NTDB id 367320 FHI56 RS01320 WP 041817177.1 ESDIIDLRAQSHALE.VMLQEAEGIASVTGA.VEVGSEHVLMAFLLH.K.DLMVCRLLEVAGFQYKDDSDKPRIIDLRRS 152
NTDB id 329 STU RS10020 WP 011225298.1 ESDIIDLRAQSPALE.AMLQEAQGIASVTGA.VEVGSEHVLMAFLLH.K.DLMVCRLLEVAGFQYKDDSDKPRIIDLRRS 152
NTDB id 297 STER RS00545 WP 011680614.1 ESDIIDLRAQSPALE.AMLQEAQEIASVTGA.VEVGSEHVLMAFLLH.K.DLMVCRLLEVAGFQYKDDSDKPRIIDLRRS 152
consensus
logo
NTDB id 378 SMU RS02690 WP 002263569.1 LNNFRAFNNQDLPN.....TPPTQAGGGNGNGGNNRRPGGPQQQASQKPNGLLEEFGINLTDIARKGEIDPVIGRDEEIT 141
NTDB id 85 BSU 00860 NP 387967.1 ....LGSNETG.....SSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQ 190
NTDB id 610 V4T04 RS10165 WP 012897346.1 LEKRTGLKVPLSKKAVTPMSKRKMAKG.....VAENSTTPTLDSVSSDLTEEARLGKLDPMIGREAEID 203
NTDB id 287 SP RS11210 WP 001109712.1 LEERAGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEIS 216
NTDB id 290 KZH43 RS10025 WP 001109677.1 LEERAGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEIS 216
NTDB id 289 SPD RS10700 WP 001109677.1 LEERAGWTREDLKA.LRQRHRTV.ADK.....QNSMANMMGMPQTPSGGLEDYTHDLTEQARSGKLEPVIGRDKEIS 216
NTDB id 377 SMU RS09275 WP 002262344.1 IERYAGFSKEDIKA.IFEMRKPKKVKN.....SSSFSDLMKPP.SVTGELADFTRDLTELARQGRLEPVIGREQEIS 220
NTDB id 367320 FHI56 RS01320 WP 041817177.1 LERYAGLSKQDLKA.IHDLRKPKKSKA.....SGNFANMMQPPQSSTGELSDYTKDLTAVAELDALDPVIGREKEIS 223
NTDB id 329 STU RS10020 WP 011225298.1 LERNAGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPIIGRDEEIS 223
NTDB id 297 STER RS00545 WP 011680614.1 LERNAGLSKQDLKA.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEIS 223
consensus

logo

```
NTDB id 378 SMU RS02690 WP 002263569.1      RVIEILNRRTKNNPVLIGEPGVGKTAVVEGLAQKIVDGDVPQKLHGKNVIRLDVVSLVQGTGIRGQFEERMQKLMEEIRQ  221
NTDB id 85 BSU 00860 NP 387967.1            RVIEVLSRRTKNNPVLIGEPGVGKTAIAEGLAQQIINNEVPEILRDKRVMTLDMGTVVAGTKYRGEFEDRLKKVMDEIRQ  270
NTDB id 610 V4T04 RS10165 WP 012897346.1    RLIHILSRRTKNNPVLVGEPGVGKSAIIEGLAQRIVNGQVPIGLMNSRIMALNMATVVAGTKFRGEFEDRLTAIVEEVSS  283
NTDB id 287 SP RS11210 WP 001109712.1       RMIQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEE  296
NTDB id 290 KZH43 RS10025 WP 001109677.1    RMIQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEE  296
NTDB id 289 SPD RS10700 WP 001109677.1      RMIQILSRKTKNNPVLVGDAGVGKTALALGLAQRIASGDVPAEMAKMRVLELDLMNVVAGTRFRGDFEERMNNIIKDIEE  296
NTDB id 377 SMU RS09275 WP 002262344.1      RMVQILSRKTKNNPVLVGDAGVGKTALAYGLAQRIVDSAVPFELADMKVLELDMMSVVAGTRFRGDFEERMNQIIADIEA  300
NTDB id 367320 FHI56 RS01320 WP 041817177.1 RMIQVLSRKTKNNPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEA  303
NTDB id 329 STU RS10020 WP 011225298.1      RMIQVLSRKTKNNPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEA  303
NTDB id 297 STER RS00545 WP 011680614.1     RMIQVLSRKTKNNPVLVGEAGVGKTALALGLAQRIASGEVPFELADMRILELDMMSVVAGTRFRGDFEERMNQIIDEIEA  303
consensus                                   !*****!*!*!!!!!!!*!**!!!!*!***!!!!*!****!!  **********!*****!*!!**!!*!!*!*********
```

logo

```
NTDB id 378 SMU RS02690 WP 002263569.1      RQDVILFIDEIHEIVGAGSAGDGNMDAGNILKPALARGELQLVGATTLNEYR.IIEKDAALERRMQPVKVDEPSVAETIT  300
NTDB id 85 BSU 00860 NP 387967.1            AGNIILFIDELHTLIGAGG.AEGAIDASNILKPSLARGELQCIGATTLDEYRKYIEKDAALERRFQPIQVDQPSVDESIQ  349
NTDB id 610 V4T04 RS10165 WP 012897346.1    DPDVIIFIDELHTIIGAGGGMDSVNDAANILKPALARGDFQMVGATTYHEYQKYIEKDEALERRLARINVDEPSPDEAIA  363
NTDB id 287 SP RS11210 WP 001109712.1       DGQVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMT  376
NTDB id 290 KZH43 RS10025 WP 001109677.1    DGQVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMT  376
NTDB id 289 SPD RS10700 WP 001109677.1      DGQVILFIDELHTIMGSGSGIDSTLDAANILKPALARGTLRTVGATTQEEYQKHIEKDAALSRRFAKVTIEEPSVADSMT  376
NTDB id 377 SMU RS09275 WP 002262344.1      DGHIVLFIDELHTIMGSGSGIDSTLDAANILKPALARGSLRTIGATTQEEYQKHIEKDAALSRRFAKVTIEEPSEEEAYQ  380
NTDB id 367320 FHI56 RS01320 WP 041817177.1 DGKILFIDELHTIIGSGSGIDSTLDAANILKPALARGTLHMVGATTQAEYQKHIEKDAALSRRFAKITIEEPSVPEAID  383
NTDB id 329 STU RS10020 WP 011225298.1      DGKILFIDELHTIIGSGSGIDSTLDAANILKPALARGTLHMVGATTQAEYQKHIEKDAALSRRFAKITIEEPSVSEAID  383
NTDB id 297 STER RS00545 WP 011680614.1     DGKILFIDELHTIIGSGSGIDSTLDAANILKPALARGTLHMVGATTQAEYQKHIEKDAALSRRFAKITIEEPSVSEAID  383
consensus                                   **  ***!!!!*!***!*!*******!!*!!!!!*!!!!**  **!!!!**!!***!!!!*!!*!!*********!!*  ***
```

logo

```
NTDB id 378 SMU RS02690 WP 002263569.1      ILKGIQPKYEDYHHVKYTDEAIEAAANLSNRYIQDRFLPDKAIDLLDEAGSKMNLTLNFV..DPKEIDHRLIEAENLKAQ  378
NTDB id 85 BSU 00860 NP 387967.1            ILQGLRDRYEAHHRVSITDDAIEAAVKLSDRYISDRFLPDKAIDLIDEAGSKVRLRSFTTPPNLKELEQKLDEVRKEKDA  429
NTDB id 610 V4T04 RS10165 WP 012897346.1    ILQGLREKFEDYHQVKFTDQAIKSAVMLSVRYMTSRKLPDKAIDLLDEAAAAVKISVKNQQTKRLDLEKELAEAQEELSE  443
NTDB id 287 SP RS11210 WP 001109712.1       ILQGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDL....SP....ADK  448
NTDB id 290 KZH43 RS10025 WP 001109677.1    ILQGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDL....SP....ADK  448
NTDB id 289 SPD RS10700 WP 001109677.1      ILQGLKATYEKHHRVQITDEAVETAVKMAHRYLTSRHLPDSAIDLLDEAAATVQNKAKHVKADDSDL....SP....ADK  448
NTDB id 377 SMU RS09275 WP 002262344.1      ILLGLKKSYETYHHVIISDAAVMAAVKGAHRYLSGKNLPDSAIDLLDEASATVQGLVKK..KAPAYL....TD....LDH  450
NTDB id 367320 FHI56 RS01320 WP 041817177.1 ILKGLRSSYEDYHRVTITDEAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQGRIKK..EAKREI....TP....LDE  453
NTDB id 329 STU RS10020 WP 011225298.1      ILNGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EAKREI....TP....LDE  453
NTDB id 297 STER RS00545 WP 011680614.1     ILNGLRSSYEDYHRVTITDAAVETAVKAAHRYLTSKNLPDSAIDLLDEASATVQVRIKK..EDKREI....TP....LDE  453
consensus                                   !!*!** **!**!*!  **!*!***!******!!**** !!!*!!!!*!!!*********     * ***     **     **
```

logo

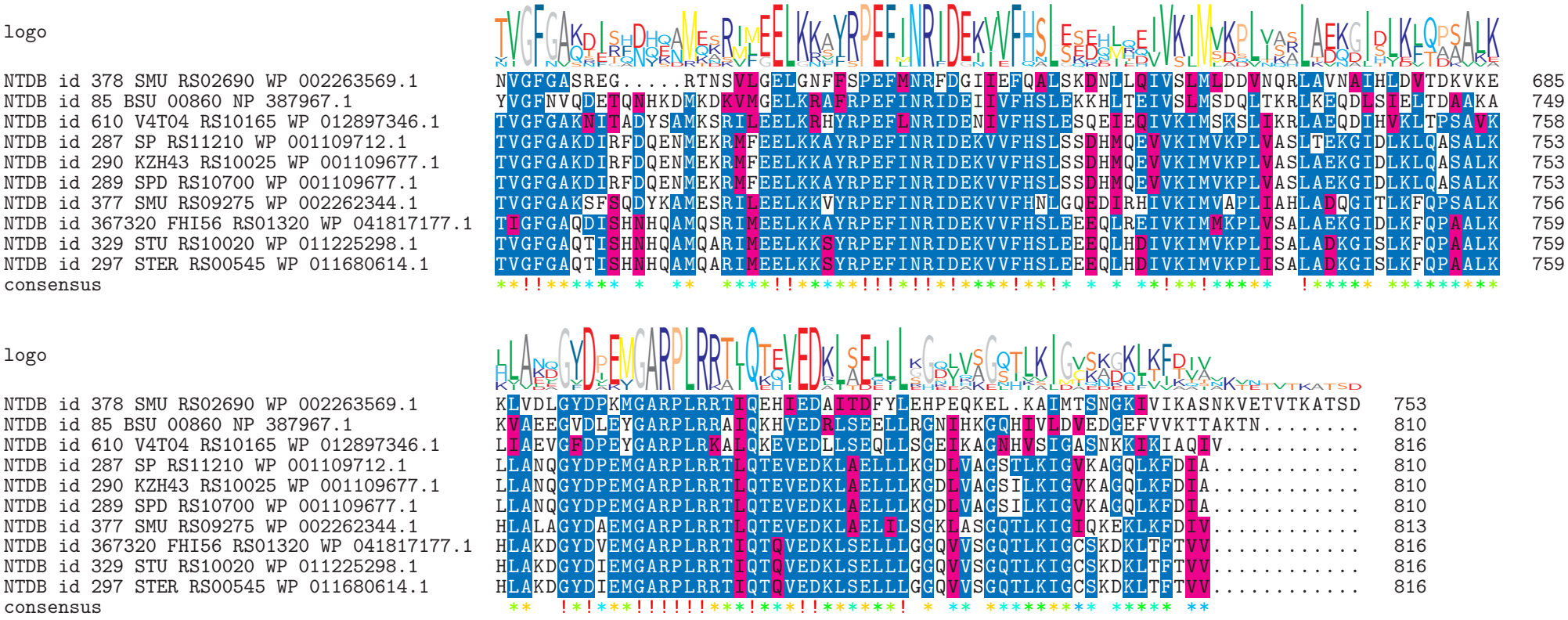
```
NTDB id 378 SMU RS02690 WP 002263569.1      ATRDEDYEKAAYFRDQIAKYKEMQSA......KLDKENTPVITEKNIEVIVEQKTNIPVGELKEKEQSQLIHLADDLKTR  452
NTDB id 85 BSU 00860 NP 387967.1            AVQSQEFEKAASLRDTEQRLREQVEDTKKSWKEKQGQENSEVTVDDIAMVVSSWTGVPVSKIAQTETDKLLNMENILHSR  509
NTDB id 610 V4T04 RS10165 WP 012897346.1    AVIKLDIKASRTKEKAVEKIADKIY...KF..SVKEDKRQEVTDQAVVAVASTLTGVPITQMTKSESDRLINLEKELHKR  518
NTDB id 287 SP RS11210 WP 001109712.1       ALMDGKWKQAA...........QLI...AKEEEVP.VYKDLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKR  513
NTDB id 290 KZH43 RS10025 WP 001109677.1    ALMDGKWKQAA...........QLI...AKEEEVP.VYKDLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKR  513
NTDB id 289 SPD RS10700 WP 001109677.1      ALMDGKWKQAA...........QLI...AKEEEVP.VYKDLVTESDILTTLSRLSGIPVQKLTQTDAKKYLNLEAELHKR  513
NTDB id 377 SMU RS09275 WP 002262344.1      ALITNDYQLAK...........RLL...KKEKKPLLKKRAEVKEEDILATLSKLSGIPVKKLTQADSKKYLNLERELHKR  516
NTDB id 367320 FHI56 RS01320 WP 041817177.1 ALLSGDMKAAV...........KQY...KASQKAKLPEPALVDADQIMQTLSRLSGIPVEKMTQADSKRYLNLEAELHKR  519
NTDB id 329 STU RS10020 WP 011225298.1      ALISGDIGAAV...........KQY...KANQKAKFPKPALVDADQIMQTLSRLSGIPVEKMTQTDSKRYLNLESELHKR  519
NTDB id 297 STER RS00545 WP 011680614.1     ALISGDIGAAV...........KQY...KANQKAKFPKPALVDADQIMQTLSRLSGIPVEKMTQTDSKRYLNLESELHKR  519
consensus                                   !*******  **          **    *    **     * ********  *********!*  ***************  *!**!
```

logo

```
NTDB id 378 SMU RS02690 WP 002263569.1      VIGQDAAVDKIAKAIRRNRVGLGTPNRPIGSFLFVGPTGVGKTELSKQLAIELFGSEDSMIRFDMSEYMEKHAVAKLVGA  532
NTDB id 85 BSU 00860 NP 387967.1            VIGQDEAVVAVAKAVRRARAGLKDPKRPIGSFIFLGPTGVGKTELARALAESIFGDEESMIRIDMSEYMEKHSTSRLVGS  589
NTDB id 610 V4T04 RS10165 WP 012897346.1    VVGQEEAISAVSRAIRRARSGVADSRRPMGSFMFLGPTGVGKTELAKALADSVFGSEDNMIRVDMSEFMEKHSTSRLIGA  598
NTDB id 287 SP RS11210 WP 001109712.1       VIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGA  593
NTDB id 290 KZH43 RS10025 WP 001109677.1    VIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGA  593
NTDB id 289 SPD RS10700 WP 001109677.1      VIGQDQAVSSISRAIRRNQSGIRSHKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGA  593
NTDB id 377 SMU RS09275 WP 002262344.1      VIGQDDAVSSISRAIRRNQSGIRVGKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALIRFDMSEYMEKFAASRLNGA  596
NTDB id 367320 FHI56 RS01320 WP 041817177.1 VIGQDEAVSAISRAIRRNQSGIRTGKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALLRFDMSEYMEKFAASRLNGA  599
NTDB id 329 STU RS10020 WP 011225298.1      VIGQDEAVSAISRAIRRNQSGIRTGKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALLRFDMSEYMEKFAASRLNGA  599
NTDB id 297 STER RS00545 WP 011680614.1     VIGQDEAVSAISRAIRRNQSGIRTGKRPIGSFMFLGPTGVGKTELAKALAEVLFDDESALLRFDMSEYMEKFAASRLNGA  599
consensus                                   !*!!**!******!*!!***!***  *!!*!!!*!*!!!!!!!!!!***!!***!**!****!*!!!!*!!!******!*!*
```

logo

```
NTDB id 378 SMU RS02690 WP 002263569.1      PPGYVGYEEAGGQLTEKVRRNPYSLILLDEVEKAHPDVMHMFLQVLDDGRLTDGQGRTVSFKDTIIIMTSNAGTGK..SFA  610
NTDB id 85 BSU 00860 NP 387967.1            PPGYVGYDEGGGQLTEKVRRKPYSVVLLDEIEKAHPDVFNILLQVLEDGRLTDSKGRTVDFRNTILIMTSNVGASELKRNK  669
NTDB id 610 V4T04 RS10165 WP 012897346.1    PPGYVGYDEGGGQLTERVRNKPYSVVLLDEVEKAHPDVFNIMLQILDDGFVTDTKGRKVDFRNTIIIMTSNLGATALRDDK  678
NTDB id 287 SP RS11210 WP 001109712.1       PPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDK  673
NTDB id 290 KZH43 RS10025 WP 001109677.1    PPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDK  673
NTDB id 289 SPD RS10700 WP 001109677.1      PPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNVLLQVLDDGVLTDSKGRKVDFSNTIIIMTSNLGATALRDDK  673
NTDB id 377 SMU RS09275 WP 002262344.1      PPGYVGYEEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDK  676
NTDB id 367320 FHI56 RS01320 WP 041817177.1 PPGYVGYDEGGELTEKVRNKPYSVLLFDEVEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDK  679
NTDB id 329 STU RS10020 WP 011225298.1      PPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNVLLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDK  679
NTDB id 297 STER RS00545 WP 011680614.1     PPGYVGYDEGGELTEKVRNKPYSVLLFDEIEKAHPDIFNILLQVLDDGVLTDSRGRKVDFSNTIIIMTSNLGATALRDDK  679
consensus                                   !!!!!!!*!*!*!!!*!!**!!!*!*!*!!*!!!!!!*****!!*!*!!**!!**!!*!*!**!!*!!!!!*!******** 
```


logo
NTDB id 378 SMU RS02690 WP 002263569.1 NVGFGASREG.....RTNSVLGELGNFFSPEFMNRFDGITEFQALSKDNLLQIVSLMLDDVNQRLAVNAIHLDVTDKVKE 685
NTDB id 85 BSU 00860 NP 387967.1 YVGFNVQDETQNHKDMKDKVMGELKRAFRPEFINRIDEIIVFHSLEKKHLTEIVSLMSDQLTKRLKEQDLSIELTDAAKA 749
NTDB id 610 V4T04 RS10165 WP 012897346.1 TVGFGAKNITADYSAMKSRILEELKRHYRPEFLNRIDENIVFHSLESQEIEQIVKIMSKSLIKRLAEQDIHVKLTPSAVK 758
NTDB id 287 SP RS11210 WP 001109712.1 TVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLTEKGIDLKLQASALK 753
NTDB id 290 KZH43 RS10025 WP 001109677.1 TVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALK 753
NTDB id 289 SPD RS10700 WP 001109677.1 TVGFGAKDIRFDQENMEKRMFEELKKAYRPEFINRIDEKVVFHSLSSDHMQEVVKIMVKPLVASLAEKGIDLKLQASALK 753
NTDB id 377 SMU RS09275 WP 002262344.1 TVGFGAKSFSQDYKAMESRILEELKKVYRPEFINRIDEKVVFHNLGQEDIRHIVKIMVAPLIAHLADQGITLKFQPSALK 756
NTDB id 367320 FHI56 RS01320 WP 041817177.1 TIGFGAQDISHNHQAMQSRIMEELKKAYRPEFINRIDEKVVFHSLEEEQLREIVKIMMKPLVSALAEKGIDLKFQPAALK 759
NTDB id 329 STU RS10020 WP 011225298.1 TVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAALK 759
NTDB id 297 STER RS00545 WP 011680614.1 TVGFGAQTISHNHQAMQARIMEELKKSYRPEFINRIDEKVVFHSLEEEQLHDIVKIMVKPLISALADKGISLKFQPAALK 759
consensus
logo
NTDB id 378 SMU RS02690 WP 002263569.1 KLVDLGYDPKMGARPLRRTIQEHIEDATTDFYLEHPEQKEL.KAIMTSNGKIVIKASNKVETVTKATSD 753
NTDB id 85 BSU 00860 NP 387967.1 KVAEEGVDLEYGARPLRRAIQKHVEDRLSEELLRGNIHKGQHIVLDVEDGEFVVKTTAKTN..... 810
NTDB id 610 V4T04 RS10165 WP 012897346.1 LIAEVGFDPEYGARPLRKALQKEVEDLLSEQLLSGEIKAGNHVSIGASNKKIKIAQIV..... 816
NTDB id 287 SP RS11210 WP 001109712.1 LLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSTLKIGVKAGQLKFDIA..... 810
NTDB id 290 KZH43 RS10025 WP 001109677.1 LLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA..... 810
NTDB id 289 SPD RS10700 WP 001109677.1 LLANQGYDPEMGARPLRRTLQTEVEDKLAELLLKGDLVAGSILKIGVKAGQLKFDIA..... 810
NTDB id 377 SMU RS09275 WP 002262344.1 HLALAGYDAEMGARPLRRTLQTEVEDKLAELILSGKLASGQTLKIGIQKEKLKFDIV..... 813
NTDB id 367320 FHI56 RS01320 WP 041817177.1 HLAKDGYDVEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV..... 816
NTDB id 329 STU RS10020 WP 011225298.1 HLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV..... 816
NTDB id 297 STER RS00545 WP 011680614.1 HLAKDGYDIEMGARPLRRTIQTQVEDKLSELLLGGQVVSGQTLKIGCSKDKLTFTVV..... 816
consensus
X non conserved
X similar
X ≥ 50% conserved