logo

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NTDB id 90213 LPC26 RS10415 WP 229265792.1 .....................................MLLQYKS..IYVPQVDESDCGVACLAMILKKYHSRVFLAHLRHS  42
NTDB id 358 SMU RS01425 WP 002263523.1     MKQVIYVVLIVIAVNILLEIIKRVTKRGGTVSSSNPLPDGQSKLFWRRHYKLVPQIDTRDCGPAVLASVAKHYGSNYSIAYLREL  85
NTDB id 421 SGO RS10260 WP 012131060.1     .....................................MKFRKQHY..RAQVDTRDCGVAALAMIFGYYGSYFSLATLREK  41
NTDB id 511 SMSK321 RS10730 WP 000668322.1 .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLAHLREL  41
NTDB id 483 SM12261 RS00275 WP 000668315.1 .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLAHLREL  41
NTDB id 247 KZH43 RS00220 WP 000668290.1   .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLAHLREL  41
NTDB id 206 SPD RS00235 WP 000668290.1     .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLAHLREL  41
NTDB id 171 SPR RS00230 WP 000668290.1     .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLAHLREL  41
NTDB id 131 SP RS00255 WP 000668284.1      .....................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLAHLREL  41
consensus                                                                        ********  **!*!**!!!*!*!!*****!*!****!*!!**
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NTDB id 90213 LPC26 RS10415 WP 229265792.1 ARTNLEGTTALGLVKTAQAFNLKTEAVKADMSLFDPDADIQYPFIVHVLKQGELLHYYVVIKATKNYLVIADPDPSVGLTKMSKE 127
NTDB id 358 SMU RS01425 WP 002263523.1     SKTNKQGTTALGIVEAAKKLGFETRSIKADMTLFDY.NDLTYPFIVHVIKGKRLQHYYVVYGSQNNQLIIGDPDPSVKVTRMSKE 169
NTDB id 421 SGO RS10260 WP 012131060.1     AKTTNDGTTALGLVKVAEGLNFETRAFKADMSLFDL.EEVSYPFIAHILKDGKLLHYYVVTGQDKHTIHIADPDPQVKMTKISRE 125
NTDB id 511 SMSK321 RS10730 WP 000668322.1 AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKGSIHIADPDPGVKLTKLPRE 125
NTDB id 483 SM12261 RS00275 WP 000668315.1 AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPGVKLTKLPRE 125
NTDB id 247 KZH43 RS00220 WP 000668290.1   AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPGVKLTKLPRE 125
NTDB id 206 SPD RS00235 WP 000668290.1     AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPGVKLTKLPRE 125
NTDB id 171 SPR RS00230 WP 000668290.1     AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPGVKLTKLPRE 125
NTDB id 131 SP RS00255 WP 000668284.1      AKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDL.PDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPGVKLTKLPRE 125
consensus                                  **!***!!!!!!*!**!******!***!!!!*!!!* ******!!**!**!***!*!!!!!**********!*!!!!*!**!****!
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NTDB id 90213 LPC26 RS10415 WP 229265792.1 KFSQEWTGIALFMVPNDDFEPLKEKKQNLWSLFPYMFKQKKLVTNIILAALLMTIISICSLYFLQGLIDTYIPSGTYQTLSILAI 212
NTDB id 358 SMU RS01425 WP 002263523.1     RFQSEWTGLAIFLAPQPNYKPHKGEKNGLSNFFPLIFKQKALMTYIIIASLIVTLIDIVGSYYLQGILDEYIPDQLISTLGMITI 254
NTDB id 421 SGO RS10260 WP 012131060.1     RFEQEWTGITIFLAPSPAYKPSQEKKNGLLDFIPLLIKQKGLITNIVLATLLVTLINIVGSYYLQSIIDTYVPDHMKTTLGMISI 210
NTDB id 511 SMSK321 RS10730 WP 000668322.1 RFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
NTDB id 483 SM12261 RS00275 WP 000668315.1 RFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTLINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
NTDB id 247 KZH43 RS00220 WP 000668290.1   RFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
NTDB id 206 SPD RS00235 WP 000668290.1     RFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
NTDB id 171 SPR RS00230 WP 000668290.1     RFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
NTDB id 131 SP RS00255 WP 000668284.1      RFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTYVPDQMRSTLGIISI 210
consensus                                  *!**!!!!***!**!*****!****!**!****!***!!**!***!**!*!**!*!*!***!*!!***!*!*!*****!!****!
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NTDB id 90213 LPC26 RS10415 WP 229265792.1 GLLIAYVFNSIFSYGQNFLLDILGQRLSIDLNLQYIRHIFELPMEFFVTRRTGEITSRFSDASRIIDALASTVISLFLDLSIVIV 297
NTDB id 358 SMU RS01425 WP 002263523.1     GLIITYIIQQVMAFAKEYLLAVLSLRLVIDVILSYIKHIFTLPMSFFATRRTGEITSRFTDANQIIDAVASTIFSIFLDMTMVIL 339
NTDB id 421 SGO RS10260 WP 012131060.1     GLIIVYILQQFLSYAQEYLLLVLGQRLSIDVILSYIKHVFQLPMSFFATRRTGEIVSRFTDANRIIDALASTILSIFLDVSIVSI 295
NTDB id 511 SMSK321 RS10730 WP 000668322.1 GLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
NTDB id 483 SM12261 RS00275 WP 000668315.1 GLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
NTDB id 247 KZH43 RS00220 WP 000668290.1   GLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
NTDB id 206 SPD RS00235 WP 000668290.1     GLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
NTDB id 171 SPR RS00230 WP 000668290.1     GLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
NTDB id 131 SP RS00255 WP 000668284.1      GLVIVYIFQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSIIDALASTILSIFLDVSTVVI 295
consensus                                  !!*!*!*************!!**!**!!*!!**!*!!*!*!*!!!*!!*!!!!!!!*!!!!*!!**!!!!*!!!**!*!!!***!**
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NTDB id 90213 LPC26 RS10415 WP 229265792.1  MGIVLAIQNSTLFVITLLSLPIYAVVILSFSKKFEKMNNDQMESNAVLSSSVIEDIQGIETIKALNSEQTRYRKIDSQFVDYLKK  382
NTDB id 358 SMU RS01425 WP 002263523.1      VGGVLLAQNNNLFFLTLLSIPIYAIIIFAFLKPFEKMNHEVMESNAVVSSSIIEDINGMETIKSLTSESARYQNIDSEFVDYLEK  424
NTDB id 421 SGO RS10260 WP 012131060.1      IAIVLFSQNSSLFFLTLLGIPVYALIIFLFMKPFEKMNHETMEANSLLSSSIIEDINGIETIKSLTSEKQRYQKIDKEFVTYLKK  380
NTDB id 511 SMSK321 RS10730 WP 000668322.1  ISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
NTDB id 483 SM12261 RS00275 WP 000668315.1  ISLVLFSQNTNLFFITLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
NTDB id 247 KZH43 RS00220 WP 000668290.1    ISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
NTDB id 206 SPD RS00235 WP 000668290.1      ISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
NTDB id 171 SPR RS00230 WP 000668290.1      ISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
NTDB id 131 SP RS00255 WP 000668284.1       ISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIETIKSLTSESQRYQKIDKEFVDYLKK  380
consensus                                   ***!!**!!**!!**!!!**!*!***!**!*!*!!!!!***!!*!***!!!*!!!!*!*!!!!*!*!!**!!**!!**!!*!!*!
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NTDB id 90213 LPC26 RS10415 WP 229265792.1  SFRYSKTESLQSALKTFIQLSLNVIILWVGAKVVMNGQMSIGQLMTFNALLSYFVDPLQSIINLQPTLQSANVAQNRLNEVYMVK  467
NTDB id 358 SMU RS01425 WP 002263523.1      NFKLHKYSAIQTALKSGAKLILNVVILWYGSRLVMDNKISVGQLITFNALLSYFSNPIENIINLQSKLQSARVANTRLNEVYLVE  509
NTDB id 421 SGO RS10260 WP 012131060.1      SFAYGRSESLQKVLKAAARLILNVLILWLGATLVMDQKISLGQLITYNTLLVYFTNPLENIINLQTKLQSARVANERLNEVYLVK  465
NTDB id 511 SMSK321 RS10730 WP 000668322.1  SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVT  465
NTDB id 483 SM12261 RS00275 WP 000668315.1  SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVA  465
NTDB id 247 KZH43 RS00220 WP 000668290.1    SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVA  465
NTDB id 206 SPD RS00235 WP 000668290.1      SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVA  465
NTDB id 171 SPR RS00230 WP 000668290.1      SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVA  465
NTDB id 131 SP RS00255 WP 000668284.1       SFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTNPLENIINLQTKLQTAQVANNRLNEVYLVA  465
consensus                                   *!********!**!!****!*!!!*!!!*!***!!****!*!!!*!*!*!!*!!**!***!!!!!**!!*!*!!**!!!!!!*!*
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NTDB id 90213 LPC26 RS10415 WP 229265792.1  SEFQKDAQIRDAKQLAGEIEYHHVDYHYGYGVDVLKDINLKIEPNDKLAIVGMSGSGKSTMVKLLVDFFSPSKGKLTFNGFNSTK  552
NTDB id 358 SMU RS01425 WP 002263523.1      SEFEKDGDLSENSFLDGDISFENLSYKYGFGRDTLSDINLSIKKGSKVSLVGASGSGKTTLAKLIVNFYEPNKGIVRINGNDLKV  594
NTDB id 421 SGO RS10260 WP 012131060.1      SEFEEKKLIKDLSHFQADIDFRGVSYKYGYGANVLSEIDLHIPAGSKTSFVGVSGSGKTTLAKMMVHFYAPNQGDICLGGVNLNQ  550
NTDB id 511 SMSK321 RS10730 WP 000668322.1  SEFEEKKTVEDLSLMKGEMTFKQVYYKYGYGRDVLSDINLTIPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQ  550
NTDB id 483 SM12261 RS00275 WP 000668315.1  SEFEEKKTVEDLSLMKGDMTFKQVSYKYGYGRDVLLDINLTIPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQ  550
NTDB id 247 KZH43 RS00220 WP 000668290.1    SEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQ  550
NTDB id 206 SPD RS00235 WP 000668290.1      SEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQ  550
NTDB id 171 SPR RS00230 WP 000668290.1      SEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQ  550
NTDB id 131 SP RS00255 WP 000668284.1       SEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFVGISGSGKTTLAKMMVNFYDPSQGEISLGSVNLNQ  550
consensus                                   !!!**********************  !*!!*!***!**!*!******!***!!*!!!!!*!**!**!*!**!**!***********
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NTDB id 90213 LPC26 RS10415 WP 229265792.1  VDKHVLRSYVNYVPQTPYIFSGTIKENLLLGSRPDITEKDILKACQIAEIESFIEQLPLQFETKMDENAKILSGGQKQRLTIARA  637
NTDB id 358 SMU RS01425 WP 002263523.1      IDKTALRRHISYLPQQAYVFSGSIMDNLVLGAKEGTSQEDIRACETAEIRSDIEQMPQGYQTEL.SDGAGISGGQKQRIALARA  678
NTDB id 421 SGO RS10260 WP 012131060.1      LDKQALRQYINYLPQQPYVFNGTILENLLLGAREGTTQEDILRAVELAEIRSDIERMPLNYQTELSADGAGISGGQRQRIALARA  635
NTDB id 511 SMSK321 RS10730 WP 000668322.1  IDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
NTDB id 483 SM12261 RS00275 WP 000668315.1  IDKKALRQYINYLPQQPYVFNGTILDNLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
NTDB id 247 KZH43 RS00220 WP 000668290.1    IDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
NTDB id 206 SPD RS00235 WP 000668290.1      IDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
NTDB id 171 SPR RS00230 WP 000668290.1      IDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
NTDB id 131 SP RS00255 WP 000668284.1       IDKKALRQYINYLSQQPYVFNGTILENLLLGAKEGTTQEDILRAVELAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARA  635
consensus                                   *!!**!!****!**!**!*!*!*!**!!*!!*********!!**!***!!!***!!**!****!**********!!!!*!!***!!!
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NTDB id 90213 LPC26 RS10415 WP 229265792.1 LLSPAKILIFDEATSGLDTITEKKVVDNLMKLKDKTIIFIAHRLAIAQRTNNIVVVDHGQIVEQGSHEKLMQKHGFYYNLVEN 720
NTDB id 358 SMU RS01425 WP 002263523.1 LLTQAPVLILDEATSSLDILTEKKIISNLLQMTEKTIIFVAHRLSISQRTDEVIVMDQGKIVEQGTHKELLAKQGFYYNLFN. 760
NTDB id 421 SGO RS10260 WP 012131060.1 LLTDAPVLILDEATSSLDILTEKRIIDNLMVL.DKTIIFIAHRLTIAERSEQVVVLDQGRIVESGSHKELIEREGFYHHLVNS 717
NTDB id 511 SMSK321 RS10730 WP 000668322.1 LLTDAPILILDEATSSLDILTEKRIVDNLMAL.DKTLIFIAHRLTIAERTEKVVVLNQGKIVEEGKHADLLAQGGFYAHLVNS 717
NTDB id 483 SM12261 RS00275 WP 000668315.1 LLTDAPVLILDEATSSLDILTEKRIVDNLMAL.DKTLIFIAHRLTIAERTEKVVVLDQGKIVEEGNHADLLAQGGFYAHLVNS 717
NTDB id 247 KZH43 RS00220 WP 000668290.1 LLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIAHRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS 717
NTDB id 206 SPD RS00235 WP 000668290.1 LLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIAHRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS 717
NTDB id 171 SPR RS00230 WP 000668290.1 LLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIAHRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS 717
NTDB id 131 SP RS00255 WP 000668284.1 LLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIAHRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS 717
consensus
X non conserved
X similar
X ≥ 50% conserved