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logo
NTDB id 361 SMU RS01310 WP 002262737.1        ..MSKEKILQVNNLHVNFHTYAGEVKAIRDVSFYLEKGETLAIVGESGSGKSVTTRTLMGLSAKNAEI.FGDIEFKGHNL   77
NTDB id 42747 KK0981 RS09515 WP 000159562.1   MTKEKNVILTARDIVVEFDVRDKVLTAIRGVSLELVEGEVLALVGESGSGKSVLTKTFTGMLEENGRIAQGSIDYRGQDL   80
NTDB id 478 HSISS4 RS06985 WP 021143811.1    MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGQDL   80
NTDB id 327 STU RS16115 WP 011226304.1       MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL   80
NTDB id 295 STER RS06915 WP 011226304.1      MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDL   80
consensus                                    ****!**!!******!*!********!!!*!!**!**!!*!!*!!!!!!!!!!*!*!**!****!*****!*!***!  *!
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logo
NTDB id 361 SMU RS01310 WP 002262737.1        NDLK.EEDWVHIRGNDISMIFQDPMTSLDPTMRIGLQIAEPIIKHEKVTKKEALKRALDMMEKVGIPNAQEHINDYPHQW   156
NTDB id 42747 KK0981 RS09515 WP 000159562.1   TALSSHKEWEQIRGAKIATIFQDPMTSLDPIKTIGSQITEVIVKHQGKTAKEAKELAIDYMNKVGIPDADRRFNEYPFQY   160
NTDB id 478 HSISS4 RS06985 WP 021143811.1    TKLKSHQDWAHIRGAKIATIFQDPMTSLDPIKTIGSQIVEVIVKHQGKSAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY   160
NTDB id 327 STU RS16115 WP 011226304.1       TKFKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY   160
NTDB id 295 STER RS06915 WP 011226304.1      TKFKSHQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQY   160
consensus                                    ********!* !!!**!**!!!!!!!!!!*!***!!*!!*!*!*!!*****!!!***!*!*!*!!!!!*!****!*!!*!*
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logo
NTDB id 361 SMU RS01310 WP 002262737.1        SGGMRQRAVIAIALATNPEILVADEPTTALDVTIQAQILHLMKEIQKNTDSSIIFITHDLGVVAGMADRVAVMYAGKIVE   236
NTDB id 42747 KK0981 RS09515 WP 000159562.1   SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLQNEYHFTTIFITHDLGVVASIADKVAVMYAGEIVE   240
NTDB id 478 HSISS4 RS06985 WP 021143811.1    SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE   240
NTDB id 327 STU RS16115 WP 011226304.1       SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE   240
NTDB id 295 STER RS06915 WP 011226304.1      SGGMRQRIVIAIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIE   240
consensus                                    !!!!!!!*!!!!!!!**!**!**!!!!!!!!!!!!!!!**!*!*********!!!!!!!!!!!**!!*!!!!!!!*!*!
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logo
NTDB id 361 SMU RS01310 WP 002262737.1        YGTVDEVFYNPQHPYTWGLLNSMPTTNTASGSLHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEEPPFFKVSDSHYAA   316
NTDB id 42747 KK0981 RS09515 WP 000159562.1   YGTVEEVFYDPRHPYTWSLLSSLPQLADDKGDLYSIPGTPPSLYTDLKGDAFALRSDYAMQIDFEQKAPQFSVSETHWAK   320
NTDB id 478 HSISS4 RS06985 WP 021143811.1    YATVEEIFYEPCHPYTWSLLSSLPQLADDKGELFSIPGTPPSLYTPVVGDAFALRSDYAMQIDFEEKAPQFQVSDTHWAK   320
NTDB id 327 STU RS16115 WP 011226304.1       YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK   320
NTDB id 295 STER RS06915 WP 011226304.1      YATVEEIFYEPCHPYTWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAK   320
consensus                                    !*!!*!*!!*!*!!!!!*!!*!*!***** ! !*!!!!!!!*!****!!!!!*!***!**!!*****!*!*!!**!*!*
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logo
NTDB id 361 SMU RS01310 WP 002262737.1        TWLLDDRAPKITPPERILQRWEKWKSLQGEKHND.......   350
NTDB id 42747 KK0981 RS09515 WP 000159562.1   TWLLHEDAPKVEKPAVIANLHDKIREKMGFAHLAD......   355
NTDB id 478 HSISS4 RS06985 WP 021143811.1    TWLLHEDAPKVEKPAVIQNLHEKIRANMGFAHLGDEEEGNA   361
NTDB id 327 STU RS16115 WP 011226304.1       TWLLHEDAPKVDKPAVIQNLHEKILANMGFAHLGDEEEGNA   361
NTDB id 295 STER RS06915 WP 011226304.1      TWLLHEDAPKVDKPAVIQNLHEKILANMGFAHLGDEEEGNA   361
consensus                                    !!!!***!!!***!**!*****!*****!**!*********
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X non conserved
X similar
X $\geq$ 50% conserved