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logo

NTDB id 361 SMU RS01310 WP 002262737.1      ..MSKEKILQVNNLHVNFHTYAGEVKAIRDVSFYLEKGETLAIVGESGSGKSVTTRTLMGLSAKNAE.IFGDIEFKGHNLNDLK.    81
NTDB id 40688 SPB RS07740 WP 003104172.1    MTENKEVILSAKNVVVEFDVRDRVLTAIRDISIDLHEGEVLAVVGESGSGKSVLTKTFTGMLESNGRVASGSIDYRGQELTKLKN    85
NTDB id 478 HSISS4 RS06985 WP 021143811.1  MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGQDLTKLKS    85
NTDB id 327 STU RS16115 WP 011226304.1     MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDLTKFKS    85
NTDB id 295 STER RS06915 WP 011226304.1    MTENKNVILSARDIVVEFDVRDRVLTAIRGVSLDLVEGEVLALVGESGSGKSVLTKTFTGMLEENGRVASGSIDYRGKDLTKFKS    85
consensus                                  ****!**!!******!*!********!!!**!**!**!!*!!*!!!!!!!!!!*!*!**!****!*****!*!***!  *!***!*

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NTDB id 361 SMU RS01310 WP 002262737.1      EEDWVHIRGNDISMIFQDPMTSLDPTMRIGLQIAEPIIKHEKVTKKEALKRALDMMEKVGIPNAGEHINDYPHQWSGGMRQRAVI   166
NTDB id 40688 SPB RS07740 WP 003104172.1    HKDWEGIRGAKIATIFQDPMTSLDPIQTIGKQITEVIVKHQKKPRSEAKKLAIDYMNKVGIPEAEKRFDEYPFQYSGGMRQRIVI   170
NTDB id 478 HSISS4 RS06985 WP 021143811.1  HQDWAHIRGAKIATIFQDPMTSLDPIKTIGSQIVEVIVKHQGKSAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQYSGGMRQRIVI   170
NTDB id 327 STU RS16115 WP 011226304.1     HQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQYSGGMRQRIVI   170
NTDB id 295 STER RS06915 WP 011226304.1    HQDWAAIRGAKIATIFQDPMTSLNPIKTIGSQIIEVIVKHQGKTAKEAKKMAIDYMDKVGIPDAEKRFNEYPFQYSGGMRQRIVI   170
consensus                                  **!!**!!!**!**!!!!!!!!!*!***!!*!!*!*!*!!******!!*!*!*!*!*!!!!!*!******!!*!*!!!!!!!!*!!

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NTDB id 361 SMU RS01310 WP 002262737.1      AIALATNPEILVADEPTTALDVTIQAQILHLMKEIQKNTDSSIIFITHDLGVVAGMADRVAVMYAGKIVEYGTVDEVFYNPQHPY   251
NTDB id 40688 SPB RS07740 WP 003104172.1    AIALACHPDILICDEPTTALDVTIQAQIIDLLKTLQKEYEFTIIFITHDLGVVASIATNVAVMYAGEVVEYGTVEDVFYDPRHPY   255
NTDB id 478 HSISS4 RS06985 WP 021143811.1  AIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY   255
NTDB id 327 STU RS16115 WP 011226304.1     AIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY   255
NTDB id 295 STER RS06915 WP 011226304.1    AIALACRPDVLICDEPTTALDVTIQAQIIDLLKSLKEEYGFSVIFITHDLGVVASIADKVAVMYAGEIIEYATVEEIFYEPCHPY   255
consensus                                  !!!!!**!**!**!!!!!!!!!!!!!!!!!!**!*!**********!!!!!!!!!!!!**!**!!!!!!!***!!*!!***!!*!*!!!

logo

NTDB id 361 SMU RS01310 WP 002262737.1      TWGLLNSMPTTNTASGSLHSIPGTPPDLLQPPQGDAFAPRNEFALDIDLKEEPPFFKVSDSHYAATWLLDDRAPKITPPERILQR   336
NTDB id 40688 SPB RS07740 WP 003104172.1    TWSLLSSLPQLADDKGILFSIPGTPPSLYKPIIGDAFAPRSQYAMKIDFEEAVPKFDISDSHWAKTWLLHPEAPKVQKPVVIQNL   340
NTDB id 478 HSISS4 RS06985 WP 021143811.1  TWSLLSSLPQLADDKGELFSIPGTPPSLYTPVVGDAFALRSDYAMQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVEKPAVIQNL   340
NTDB id 327 STU RS16115 WP 011226304.1     TWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVDKPAVIQNL   340
NTDB id 295 STER RS06915 WP 011226304.1    TWSLLSSLPQLADDNGKLFSIPGTPPSLYTPVVGDAFALRSDYALQIDFEEKAPQFQVSDTHWAKTWLLHEDAPKVDKPAVIQNL   340
consensus                                  !!*!!*!*!***** ! !*!!!!!!!!*!**!**!!!!!*!***!**!!**!**!*!**!!*!*!*!!!!***!!!!***!**!***

logo

NTDB id 361 SMU RS01310 WP 002262737.1      WEKWKSLQGEKHND.......   350
NTDB id 40688 SPB RS07740 WP 003104172.1    HEKISSKQIYREEGNV.....   356
NTDB id 478 HSISS4 RS06985 WP 021143811.1  HEKIRANMGFAHLGDEEEGNA   361
NTDB id 327 STU RS16115 WP 011226304.1     HEKILANMGFAHLGDEEEGNA   361
NTDB id 295 STER RS06915 WP 011226304.1    HEKILANMGFAHLGDEEEGNA   361
consensus                                  *!!* ***************
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X non conserved
X similar
X $\geq$50% conserved