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logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEYASLCQTLGLRD    80
NTDB id 346490 EXW45 RS22115 WP 060488444.1  ................................................................................     0
NTDB id 96 BSU 24730 NP 390353.1             ................................................................................     0
consensus


logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    LITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAAIRRLYGRSLGQEKSGLKEINQDELAG   160
NTDB id 346490 EXW45 RS22115 WP 060488444.1  ................................................................................     0
NTDB id 96 BSU 24730 NP 390353.1             ................................................................................     0
consensus


logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    LVDIGEDEIENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRLRCDGILIEIQQPPSHLSRRLSARIKI   240
NTDB id 346490 EXW45 RS22115 WP 060488444.1  ..................MNGIEIFANTILKEACRVQASDLHIVPRKKDVVVQLRIGKDLMTKHCIEKEFGEKLVSHFKF    62
NTDB id 96 BSU 24730 NP 390353.1             ..................MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIIHFRVDHALLKKRDMKKEECVRLISHFKF    62
consensus                                                      *  **** **** *! *  !!!*!**!**** ** *!**  !* *  * **   *!****!*


logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    LSKLDIAERRLPQDGRIKLKLNQDTAIDMRVSTLPTLFGEKIVLRLLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMI   320
NTDB id 346490 EXW45 RS22115 WP 060488444.1  LASMDIGERRKPQNGSLYLQMDGQ.EVYLRLSTLPTVYQESLVIRLHLQASI.QPLSHLSLFPSTAKKLLSFLHYSHGLL   140
NTDB id 96 BSU 24730 NP 390353.1             LSAMDIGERRKPQNGSLTLKLKEG.NVHLRMSTLPTINEESLVIRVMPQYNI.PSIDKLSLFPKTGATLLSFLKHSHGML   140
consensus                                    !* *!!*!!!*!!*!** !**     * *!*!!!!!** !**!*!** * **   * *!*******  *!**!* **!**


logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    LMTGPTGSGKTVSLYTGLSILNK.PEINISTAEDPVEIYLPGINQVQVQPKIGFGFAEALRSFLRQDPDVVMVGEIRDLD   399
NTDB id 346490 EXW45 RS22115 WP 060488444.1  VFTGPTGSGKTTTMYALLEVIKKKKTRRIVTLEDPVEKRNDDVLQIQINEKAGITYEAGLKAILRHDPDIILVGEIRDEE   220
NTDB id 96 BSU 24730 NP 390353.1             IFTGPTGSGKTTTLYSLVQYAKKHFNRNIVTLEDPVETRDEDVLQVQVNEKAGVTYSAGLKAILRHDPDMIILGEIRDAE   220
consensus                                    **!!!!!!!!!***!*** ***!   **!*!*!!!!! * ****!*!***!*!*** **!***!!*!!!****!!!!! *


logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1    TAEIAIKASQTGHLVLSTLHTNSAAETVIRLSNMGVESFNLASSLSLIIAQRLARKLCPYCRQPQEPNSQLQH..IGI.A   476
NTDB id 346490 EXW45 RS22115 WP 060488444.1  TAKIAIRASLTGHLVMTTLHTSDAKGAILRFMDFGITRQEIEQSLLAIAAQRLVELKCPFCQRKCST.LCKSMRQVRQAS   299
NTDB id 96 BSU 24730 NP 390353.1             TAEIAVRAAMTGHLVLTSLHTRDAKGAIYRLLEFGINMNEIEQTVIAIAAQRLVDLACPFCENGCSSVYCRQSRNTRRAS   300
consensus                                    !!*!!**!**!!!!!***!!! *!*****!****!*  *********!*!!!!*** !!*! * ***  *** **** **
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logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1   NTEQIFQANPDGCNECTHGYSGRTGIYEVMKFDESLSEALIKGASVHELEKLAIANGMQTLQMSGIEKLKQGITSFRELQ   556
NTDB id 346490 EXW45 RS22115 WP 060488444.1 IYELLYGYELKQ...AIKEANGECVTYKHETLESSI....RKGYALGFLE.........................EDVYV   347
NTDB id 96 BSU 24730 NP 390353.1            VYELLYGKNLQQ...CIQEAKGNHANYQYQTLRQII....RKGIALGYLT........................TNNYD   348
consensus                                   **!**** ** *   ** ** !  * !   *** **    *!! ****!*                          *
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logo

NTDB id 1401 DSB67 RS12665 WP 010643259.1   RVLYF...   561
NTDB id 346490 EXW45 RS22115 WP 060488444.1 ........   347
NTDB id 96 BSU 24730 NP 390353.1            RWVYHEKD   356
consensus                                   * **
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X non conserved

X similar

X $\geq$ 50% conserved