

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1
 NTDB id 1355 HI 0298 AAC21962.1
 NTDB id 30 MW RS08005 WP 000697220.1
 NTDB id 14 SA RS07775 WP 000697220.1
 NTDB id 385 SMU RS09035 WP 002263435.1
 NTDB id 394 FSA28 RS09405 WP 002291652.1
 NTDB id 265947 C2I17 RS21145 WP 338137882.1
 NTDB id 96 BSU 24730 NP 390353.1

MISYATLHTQRVYERREYFISLSPSEWERNEEERSLLRLRYFAYPYREENRLLWLVDSLSNLSACEI#AFYTKQYEPYY
 MSQYTI....CEQQTERIFDISPSRWQKNCEEKQLLLRYLAVPVQETEHKLWLVADDENNLTAACEIFAFMTHKQIEPVV
 MTSYALLHTQRVTAKNGEVFTISPDLWERNQQQSSLLRYFALPLKEENNRLWLVGVDLSNLSACEI#AFITGKPVPEIL

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0

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IASDELKYLNLALSPEQQPIYEESEELAFVEQEQLNLNDP...IQLLDNLFKFCLAQNASDIHIEPRKQKLI...IRLRIDGVL
 LESSQLKELLQQLTPNQMQVEEQVKFYQHETHFEQEDDEP...VIRLLNQIFESALQKNASDIHLETADQFQVRFRIDGVL
MKILFQEIINKAIEKASDVHFIIPVKNEVSIKFRINDNL
MKILFQEIINKAIEKASDVHFIIPVKNEVSIKFRINDNL
MVQKLGRKIIAEAVQNKAAQDIYIIPKKESELYMRIGNER
MVQKLGRKIIAEAVQNKAAQDIYIIPKKESELYMRIGNER
MLSTEALANRIICEAVEQNATDIHITPKKESVLLQFRIANHL
MDSIEKVSKNLIEEAYLTKASDIHIVPRERDAIITHFRVDHAL

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HLYKSI...SIQLASRLISRIKLLAKLDISELRQPQDGRFQKTTTFSIDLDFRLSTLPT.HWGEKIVLRAQQNKPVLSFSEL
 QPQPLISKIFANRIISRLKLLAKLDISENRLPQDGRFQKTTTFSIDLDFRLSTLPT.HWGEKIVLRAQQNKPVLSFSEL
 EQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHFNK..IYFLRISTLPLSLGQESCVRIVPQF.FQQQKSTY
 EQYEQIGNSIYQKLLVYMKFQAGLDVSTQQVAQSGRYSYHFNK..IYFLRISTLPLSLGQESCVRIVPQF.FQQQKSTY
 RFIDVYDHHFMANLISHFKFVAGMNVGKRRSRLGSCDYSYDEGKVISLRLSSVGDYRGYESLVIRLLFSG.RH...DL
 RFIDVYDHHFMANLISHFKFVAGMNVGKRRSRLGSCDYSYDEGKVISLRLSSVGDYRGYESLVIRLLFSG.RH...DL
 INHLVLSANECDKLISHFKFTASMDIGERRKPNQNGSISTTVKGY.IGLRLSTLPS.HPHESLVIRILSDQ.NMLPIYH
 LKKRDMKKEECVRLISHFKFLSAMDIGERRKPNQNGSLTLKLKEGN.VHLRMSTLPT.INEESLVIRVMPQY.NIPSIDKL

234
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GFPNQQQTTLNLAKQPQGLLILVTGPTGSGKSITLYSALNLYLNQ.MDKHILTAEDPVEIEIDGLIQTQVNRSIQLDFSQL
 GMTENQQAFQVRLSQPQGLLILVTGPTGSGKSISLYTALQWLNT.PDKHIMTAEDPVEIEIDGLIQTQVNRSIQLDFSQL
 KF....NDFKHLMNKKQGLLILVTGPTGSGKSTLMYQMVSYANKALNLSVISIEDPVEMQIPGIVQINVNDKAGINYVNS
 KF....NDFKHLMNKKQGLLILVTGPTGSGKSTLMYQMVSYANKALNLSVISIEDPVEMQIPGIVQINVNDKAGINYVNS
 KFWF.NSMDLILNEIKRGLYLFSGPVGSGKSTLMYQLVKLR..FETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNL
 KFWF.NSMDLILNEIKRGLYLFSGPVGSGKSTLMYQLVKLR..FETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNL
 SLFPNISRKLLISLKHAGLILVTGPTGSGKSTLMYQLVKLR..FETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNL
 SFLPKTGATLISLKHSHGMLIFTGPTGSGKSTLMYQLVKLR..FETKQVITIEDPVEIKQDNMLQLQLNESIDMTYDNL

313
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 consensus



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 consensus



non conserved
 similar
 ≥ 50% conserved