```
logo
NTDB id 20335 SMA 0357 CCF01648.1          MTENRKKLVELKNVSLTFNEGKKNEVKAIDNISFDIYEGEVFGLVGESGSGKTTVGRAILKLYDINKGEIDFDGETIS.HLKGKE   84
NTDB id 479 HSISS4 RS06980 WP 021143812.1  ...MPEKLVEVKDVEISFGEGSKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGHLSHSE   81
NTDB id 296 STER RS06910 WP 011681415.1    ...MPEKLVEVKNVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
NTDB id 328 STU RS16110 WP 002951426.1     ...MPEKLVEVKDVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
consensus                                     ***!!!!*! !***!*!!*!** *!**!**!*!**!!*!*!!!!!!!!!!!*!!!!**!*!***!!!*!!!**!***!***!

logo
NTDB id 20335 SMA 0357 CCF01648.1          LHEFRKNAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLVNSKEERDQKVQDLLALVGLNKDHSTRYPHEFSGGQRQRIGIARALA  169
NTDB id 479 HSISS4 RS06980 WP 021143812.1  KNDLIRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEDRKAKIKKIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV  166
NTDB id 296 STER RS06910 WP 011681415.1    KNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV  166
NTDB id 328 STU RS16110 WP 002951426.1     KNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV  166
consensus                                  ********!!!!!!!*!!!!*!*****!**!!!****!****!*!**!*******!!!***!*!!!!!!!!!!!!!!!!!!!!*!*

logo
NTDB id 20335 SMA 0357 CCF01648.1          VEPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSDDVYNHPIHPYTKSLL  254
NTDB id 479 HSISS4 RS06980 WP 021143812.1  MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL  251
NTDB id 296 STER RS06910 WP 011681415.1    MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL  251
NTDB id 328 STU RS16110 WP 002951426.1     MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL  251
consensus                                  **!***!!!!!!!!!!!!!**!!!*!!**!*!*!*!!!!!!!!!!!!!!*!**!!!!!*!***!***!*******!!*!!!!!!!!!!

logo
NTDB id 20335 SMA 0357 CCF01648.1          TAIPEPDPESERNRIHEEYDPSAE.LDGQPREMREITPGHFVFCTEAEAEVYKQEL..   309
NTDB id 479 HSISS4 RS06980 WP 021143812.1  SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKAEIETYRKEQSK   309
NTDB id 296 STER RS06910 WP 011681415.1    SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
NTDB id 328 STU RS16110 WP 002951426.1     SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
consensus                                  *!*!*!!!**!!******!!!**********!!*!**!!!!!**** !*!*!**!***
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X non conserved

X similar

X $\geq$ 50% conserved