```
logo
NTDB id 31359 SEZ RS01545 WP 012514940.1   MTEARKKLIEVKNVSLTFNKGKKNEVKAIDRLSFDIYEGEVFGLVGESGSGKTTVGRAILKLYDISDGEIIFNGENVSQL.KGKK   84
NTDB id 479 HSISS4 RS06980 WP 021143812.1  ...MPEKLVEVKDVEISFGEGSKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGHLSHSE   81
NTDB id 296 STER RS06910 WP 011681415.1    ...MPEKLVEVKNVEISFGEGRKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
NTDB id 328 STU RS16110 WP 002951426.1     ...MPEKLVEVKDVEISFGEGRKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
consensus                                     ***!!*!!! !***!**!*!**! !*****!*!**!!*!*!!!!!!!!!!!*!!!!**!*!*!*!!!!!*!***********

logo
NTDB id 31359 SEZ RS01545 WP 012514940.1   LHSFRKHAQMIFQDPQASLNGRMKIRDIVAEGLDIHGLTASKAEREARVQELLKLVGLNQDHLTRYPHEFSGGQRQRIGIARALA   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 31359 SEZ RS01545 WP 012514940.1   VKPTFIIADEPISALDVSIQAQVVSLMQQLQKKRGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSDEVYNHPIHPYTKSLI   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 31359 SEZ RS01545 WP 012514940.1   SAIPEPDPEKERRRIAEVYDPSQEL.DGQERQMYEITPGHFVLATQAEADQYRAERGL   311
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