```
logo
NTDB id 49038 SESEC RS01480 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 49038 SESEC RS01480 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 49038 SESEC RS01480 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 49038 SESEC RS01480 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 ≥ 50% conserved