```
logo
NTDB id 49431 SSAL RS09135 WP 014633661.1  MTQERKKLVELKNVSLTFNKGKSNEVKAIDDVSFDIYEGEIFGLVGESGSGKTTIGRSILKLYDIDSGTVTFAGNDISSL.KGKD   84
NTDB id 479 HSISS4 RS06980 WP 021143812.1  ...MPEKLVEVKDVEISFGEGSKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGHLSHSE   81
NTDB id 296 STER RS06910 WP 011681415.1    ...MPEKLVEVKNVEISFGEGRKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
NTDB id 328 STU RS16110 WP 002951426.1     ...MPEKLVEVKDVEISFGEGRKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
consensus                                    ***!!!!*! !***!**!*** **!*****!*!**!!*!*!!!!!!!!!!!!!!*!**!*!***!***!*!**!********

logo
NTDB id 49431 SSAL RS09135 WP 014633661.1  LHDFRKTAQMIFQDPQASLNGRMKIRDIIAEGIDIHKLAKSKEEREAKVKELINLVGLNEDHLSRYPHEFSGGQRQRIGIARALA   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 49431 SSAL RS09135 WP 014633661.1  VNPHFIVADEPISALDVSIQAQVVNLMQKLQHEQGLTYLFIAHDLSMVKYISDRIGVMHWGKLLEVGPADEIYHNPIHPYTKSLL   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 49431 SSAL RS09135 WP 014633661.1  SAIPEPDPERERKRQHLIYDSSIEN.DGEKRQMYEIRTGHFVYATEAEAKNYKEEANVN   312
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