```
logo
NTDB id 1140524 DQN33 RS08920 WP 111673529.1  MTENRKKLVELKNVSLIFNKGKKNEVKAINNVSFDIYEGEVFGLVGESGSGKTTVGRAILKLYDINEGEIIFNGEKVS.H   79
NTDB id 479 HSISS4 RS06980 WP 021143812.1     ...MPEKLVEVKDVEISFGEGSKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGH   76
NTDB id 296 STER RS06910 WP 011681415.1       ...MPEKLVEVKNVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
NTDB id 328 STU RS16110 WP 002951426.1        ...MPEKLVEVKDVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
consensus                                        ***!!!!*! !***!**!*!** *!**!**!*!**!!*!*!!!!!!!!!!!*!!!!**!*!***!!!!!*!*!****

logo
NTDB id 1140524 DQN33 RS08920 WP 111673529.1  LKGKELHEFRKNAQMIFQDPQASLNGRMKIRDIVAEGLDIHGLTKTKQEREDRVQELLEHVGLNRDHVTRYPHEFSGGQR   159
NTDB id 479 HSISS4 RS06980 WP 021143812.1     LSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEEDRKAKIKKIIKEVGLLEEHLTRYPHEFSGGQR   156
NTDB id 296 STER RS06910 WP 011681415.1       LSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQR   156
NTDB id 328 STU RS16110 WP 002951426.1        LSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQR   156
consensus                                     !***!********!!!!!!!*!!!!*!*****!**!!!****!*!****!**********!!!***!*!!!!!!!!!!!!

logo
NTDB id 1140524 DQN33 RS08920 WP 111673529.1  QRIGIARALAVQPKFIIADEPISALDVSIQAQVVNLMQKLQEDRGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSD   239
NTDB id 479 HSISS4 RS06980 WP 021143812.1     QRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETE   236
NTDB id 296 STER RS06910 WP 011681415.1       QRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETE   236
NTDB id 328 STU RS16110 WP 002951426.1        QRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETE   236
consensus                                     !!!!!!!*!**!!***!!!!!!!!!!!!!**!!!*!!**!*!***!!!!!!!!!!!!!*!**!!!!!*!***!***!*****

logo
NTDB id 1140524 DQN33 RS08920 WP 111673529.1  DVYNNPIHPYTRSLLSAIPEPDPDIERKRVAEIYDPSAEDDG.QEREMREITPGHFVLSTEAEAAEYKAKCQK   311
NTDB id 479 HSISS4 RS06980 WP 021143812.1     ELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKAEIETYRKEQSK   309
NTDB id 296 STER RS06910 WP 011681415.1       ELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
NTDB id 328 STU RS16110 WP 002951426.1        ELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
consensus                                     **!!!!!!!!!!*!!!!!*!*!!!**!!!*!***!!!***!******!!*!**!!!!!**** !***!*****!
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X non conserved

X similar

X $\geq$ 50% conserved