```
logo
NTDB id 235415 SE071780 RS01815 WP 012678999.1  MTEARKKLIEVKNVSLTFNKGKKNEVKAIDRLSFDIYEGEVFGLVGESGSGKTTVGRAILKLYDISDGEIIFNGENVSQL   80
NTDB id 479 HSISS4 RS06980 WP 021143812.1       ...MPEKLVEVKDVEISFGEGSKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGH   76
NTDB id 296 STER RS06910 WP 011681415.1         ...MPEKLVEVKNVEISFGEGRKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
NTDB id 328 STU RS16110 WP 002951426.1          ...MPEKLVEVKDVEISFGEGRKKFV.AVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
consensus                                          ***!!*!!! !***!**!*!**! !*****!*!**!!*!*!!!!!!!!!!!*!!!!**!*!*!*!!!!!*!******

logo
NTDB id 235415 SE071780 RS01815 WP 012678999.1  .KGKKLHSFRKHAQMIFQDPQASLNGRMKIRDIVAEGLDIHGLTASKAEREARVQELLKLVGLNQNHLTRYPHEFSGGQR  159
NTDB id 479 HSISS4 RS06980 WP 021143812.1       LSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEDRKAKIKKIIKEVGLLEEHLTRYPHEFSGGQR  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 235415 SE071780 RS01815 WP 012678999.1  QRIGIARALAVKPTFIIADEPISALDVSIQAQVVSLMQQLQKKRGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSD  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 235415 SE071780 RS01815 WP 012678999.1  EVYNHPIHPYTKSLISAIPEPDPEKERKRIAEVYDPSQEL.DGQERQMHEITPGHFVLATQAEAEQYRAECGL   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