```
logo
NTDB id 1097342 ACM3HZ RS01590 WP 000138506.1  MTENRKKLVEVKNVSLTFNKGKANEVRAIDNVSFDIYEGEVFGLVGESGSGKTTVGRSILKLYDISDGEITFNGEVIS.H   79
NTDB id 479 HSISS4 RS06980 WP 021143812.1      ...MPEKLVEVKDVEISFGEGSKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGH   76
NTDB id 296 STER RS06910 WP 011681415.1        ...MPEKLVEVKNVEISFGEGRKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
NTDB id 328 STU RS16110 WP 002951426.1         ...MPEKLVEVKDVEISFGEGRKK.FVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGY   76
consensus                                         ***!!!!!!! !***!**!*** **!**!**!*!**!!*!*!!!!!!!!!!!!*!!*!**!*!*!*!!!!*!*!**!***

logo
NTDB id 1097342 ACM3HZ RS01590 WP 000138506.1  LKGKALHSFRKDAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLAKSKSDRDSKVQALLDLVGLNKDHLTRYPHEFSGGQR  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 1097342 ACM3HZ RS01590 WP 000138506.1  QRIGIARALAVEPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFIAHDLSMVKYISDRIGVMHWGKLLEVGTSD  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 1097342 ACM3HZ RS01590 WP 000138506.1  DVYNNPIHPYTKSLLSAIPEPDPESERQRVHQPYNPAIEQDG.QERQMHEITPGHFVLSTPQEAEEYKKQIL.   310
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