```
logo
NTDB id 1059272 ACFKHK RS07600 WP 312248463.1  MSENRKKLVELKNVSLTFNAGKKNEVKAIDNVSFDIYEGEVFGLVGESGSGKTTVGRTILKLYDYNAGDILFDGQSISK.   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 1059272 ACFKHK RS07600 WP 312248463.1  LSGKDLKEFRKDAQMIFQDPQASLNGRMKIRDIVAEGLDIHGLTPSKEERDERVQHLLDLVGLNKDHLTRYPHEFSGGQR  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 1059272 ACFKHK RS07600 WP 312248463.1  QRIGIARALAVRPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFVAHDLSMVKYISDRIGVMHWGKMLEIGTSD  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 1059272 ACFKHK RS07600 WP 312248463.1  AVYNDPIHPYTKSLLSAIPEPDPEFEKGRVHMEYDPSAE.LDGQERQMHEITPGHFVLATEEEAAAYRAERNK  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