```
logo
NTDB id 262340 C0J00 RS01495 WP 104967237.1  MENNKKKLVELKNVSLTFNKGKSNEVKAINNVSFDIYEGEVFGLVGESGSGKTTVGRAILKKLYDINEGEIIFNGEKVS.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 262340 C0J00 RS01495 WP 104967237.1  LKGKAQHNFRKQAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLVSSKEERDEKVQHLLDLVGLNKDHLTRYPHEFSGGQR   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 262340 C0J00 RS01495 WP 104967237.1  QRIGIARALAVEPKFIIADEPISALDVSIQAQVVNLMQKLQHEQGLTYLFVAHDLSMVKYISDRIGVMHWGKMLEIGTSE   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 262340 C0J00 RS01495 WP 104967237.1  DVYNNPIHPYTKSLLSAIPEPDPEKERARVHQVYDPTAEL.DGQERTMHEITPGHFVLATEEEAGLYKEQLQK   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                                    **!!!!!!!!!!!!!!!!*!*!!!**!!**!**!!!!***********!*!**!!!!!****!***!*****!
```

X non conserved

X similar

X ≥ 50% conserved