```
logo
NTDB id 74524 SAGCMC97051 RS01065 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 74524 SAGCMC97051 RS01065 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 74524 SAGCMC97051 RS01065 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 74524 SAGCMC97051 RS01065 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