```
logo
NTDB id 1131257 H1W98 RS01080 WP 100262323.1  MTQERKKLVELKNVSLTFNKGKSNEVKAIDDVSFAIYEGEIFGLVGESGSGKTTIGRSVLKLSDIDSGTVTFSGNEISSL   80
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 1131257 H1W98 RS01080 WP 100262323.1  .KGKDLHDFRKTAQMIFQDPQASLNGRMKIRDIIAEGIDIHKLAKSKEEREAKVKELIDLVGLNEDHLSRYPHEFSGGQR  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 1131257 H1W98 RS01080 WP 100262323.1  QRIGIARALAVNPHFIVADEPISALDVSIQAQVVNLMQKLQHEQGLTYLFIAHDLSMVKYISDRIGVMHWGKLLEVGPAD  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 1131257 H1W98 RS01080 WP 100262323.1  EIYHNPIHPYTKSLLSAIPEPDPERERKRQHLIYDSSIEN.DGENRHMYEIRSGHFVYATEAEAKNYKEEAKSN  312
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