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logo

NTDB id 40033 SGGBAA2069 RS01815 WP 009853407.1  MTENRKKLVELKNVSLTFNEGKKNEVKAIDNISFDIYEGEVFGLVGESGSGKTTVGRAILKLYDINKGEIDFDGETIS.H   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 40033 SGGBAA2069 RS01815 WP 009853407.1  LKGKELHEFRKNAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLVNSKEERDQKVQDLLALVGLNKDHSTRYPHEFSGGQR  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 40033 SGGBAA2069 RS01815 WP 009853407.1  QRIGIARALAVEPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSD  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 40033 SGGBAA2069 RS01815 WP 009853407.1  DVYNHPIHPYTKSLLTAIPEPDPESERNRIHEEYDPSAE.LDGQPREMREITPGHFVLCTEAEAEAYKQEL..   309
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