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logo

NTDB id 1111671 HMPREF9319 RS01310 WP 003063313.1  MTENRKKLVELKNVSLTFNEGKKNEVKAIDNISFDIYEGEVFGLVGESGSGKTTVGRAILKLYDINKGEIDFDGE   75
NTDB id 479 HSISS4 RS06980 WP 021143812.1          ...MPEKLVEVKDVEISFGEGSKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGK   71
NTDB id 296 STER RS06910 WP 011681415.1            ...MPEKLVEVKNVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGK   71
NTDB id 328 STU RS16110 WP 002951426.1             ...MPEKLVEVKDVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGK   71
consensus                                             ***!!!!*! !***!*!!*!** *!**!**!*!**!!*!*!!!!!!!!!!!*!!!!**!*!***!!!*!!!*

logo

NTDB id 1111671 HMPREF9319 RS01310 WP 003063313.1  TIS.HLKGKELHEFRKNAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLVNSKEERDRKVQDLLALVGLNKDHSTR  149
NTDB id 479 HSISS4 RS06980 WP 021143812.1          KINGHLSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEDRKAKIKKIIKEVGLLEEHLTR  146
NTDB id 296 STER RS06910 WP 011681415.1            KINGYLSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTR  146
NTDB id 328 STU RS16110 WP 002951426.1             KINGYLSHSEKNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTR  146
consensus                                          *!***!***!********!!!!!!!*!!!!*!*****!**!!!****!****!*!**!*******!!!***!*!!

logo

NTDB id 1111671 HMPREF9319 RS01310 WP 003063313.1  YPHEFSGGQRQRIGIARALAVEPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFIAHDLSMVKYISDRI  224
NTDB id 479 HSISS4 RS06980 WP 021143812.1          YPHEFSGGQRQRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRI  221
NTDB id 296 STER RS06910 WP 011681415.1            YPHEFSGGQRQRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRI  221
NTDB id 328 STU RS16110 WP 002951426.1             YPHEFSGGQRQRIGIARSLVMQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRI  221
consensus                                          !!!!!!!!!!!!!!!!!!*!***!***!!!!!!!!!!!!!**!!!*!!**!*!*!*!!!!!!!!!!!!!!*!**!!!!!

logo

NTDB id 1111671 HMPREF9319 RS01310 WP 003063313.1  GVMHWGKMLEIGTSDDVYNHPIHPYTKSLLTAIPEPDPESERNRIHEEYDPSVE.LDGQPREMREITPGHFVLCT  298
NTDB id 479 HSISS4 RS06980 WP 021143812.1          AVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGN  296
NTDB id 296 STER RS06910 WP 011681415.1            AVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGN  296
NTDB id 328 STU RS16110 WP 002951426.1             AVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGN  296
consensus                                          *!***!***!*******!!*!!!!!!!!!!!*!*!*!!!**!!******!!!**********!!*!**!!!!!***

logo

NTDB id 1111671 HMPREF9319 RS01310 WP 003063313.1  EAEAEAYKKEL..   309
NTDB id 479 HSISS4 RS06980 WP 021143812.1          KAEIETYRKEQSK   309
NTDB id 296 STER RS06910 WP 011681415.1            KTEIETYRKEQSK   309
NTDB id 328 STU RS16110 WP 002951426.1             KTEIETYRKEQSK   309
consensus                                          *  !*!*!*!!***
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X non conserved

X similar

X $\geq$ 50% conserved