```
logo
NTDB id 137377 SD90 RS01340 WP 002986000.1  MSEKLVEVKDLEISFGEGKKKFVAVKNANFFIKKGETFSLVGESGSGKTTIGRAIIGLNDTSSGQILYDGKVINGRKSKSEANEL   85
NTDB id 479 HSISS4 RS06980 WP 021143812.1  MPEKLVEVKDVEISFGEGSKKFVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGHLSHSEKNDL   85
NTDB id 328 STU RS16110 WP 002951426.1     MPEKLVEVKDVEISFGEGRKKFVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSEKNDL   85
NTDB id 296 STER RS06910 WP 011681415.1    MPEKLVEVKNVEISFGEGRKKFVAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSEKNDL   85
consensus                                  !*!!!!!!!**!!!!!!!*!!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!**!!!*!!!**!*!!*!*!
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logo
NTDB id 137377 SD90 RS01340 WP 002986000.1  IRKIQMIFQDPAASLNERATVDYIISEGLYNFNLFKTEEERKEKIKNMMAEVGLLSEHLTRYPHEFSGGQRQRIGIARALVMNPE   170
NTDB id 479 HSISS4 RS06980 WP 021143812.1  IRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEDRKAKIKKIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLVMQPD   170
NTDB id 328 STU RS16110 WP 002951426.1     IRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLVMQPD   170
NTDB id 296 STER RS06910 WP 011681415.1    IRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLVMQPD   170
consensus                                  !!*!!!!!!!!!!!!!!!!!!!!!!*!!!!*!!*!*!*!!*!!*!!!*****!!!!!*!!!!!!!!!!!!!!!!!!!!!!*!!!*!*
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logo
NTDB id 137377 SD90 RS01340 WP 002986000.1  FVIADEPISALDVSVRAQVLNLLKRMQAEKGLTYLFIAHDLSVVRFISDRIAVIHKGVIVEVAETEELFNNPIHPYTQSLLSAVP   255
NTDB id 479 HSISS4 RS06980 WP 021143812.1  LVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVP   255
NTDB id 328 STU RS16110 WP 002951426.1     LVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVP   255
NTDB id 296 STER RS06910 WP 011681415.1    LVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLLSAVP   255
consensus                                  *!!!!!!!!!!!!!!!!!!!!!!!!!!**!*!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
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logo
NTDB id 137377 SD90 RS01340 WP 002986000.1  IPDPILERQKELVVYHPDQHDYTLDKPSMVEIKPNHFVWANQAEIEKYQKEL..   307
NTDB id 479 HSISS4 RS06980 WP 021143812.1  IPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKAEIETYRKEQSK   309
NTDB id 328 STU RS16110 WP 002951426.1     IPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
NTDB id 296 STER RS06910 WP 011681415.1    IPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
consensus                                  !!!!!!!!*!*!*!!*!*!!!!**!!!*!!!**!*!!!!*!* !!!*!*!!***
```

X non conserved

X similar

X ≥ 50% conserved