```
logo
NTDB id 36178 GALLO RS01890 WP 009853407.1  MTENRKKLVELKNVSLTFNEGKKNEVKAIDNISFDIYEGEVFGLVGESGSGKTTVGRAILKLYDINKGEIDFDGETIS.HLKGKE   84
NTDB id 479 HSISS4 RS06980 WP 021143812.1   ...MPEKLVEVKDVEISFGEGSKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGHLSHSE   81
NTDB id 296 STER RS06910 WP 011681415.1     ...MPEKLVEVKNVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
NTDB id 328 STU RS16110 WP 002951426.1      ...MPEKLVEVKDVEISFGEGRKKF.VAVHNANFFINKGETFSLVGESGSGKTTIGRAIIGLNDTSNGEIIFDGKKINGYLSHSE   81
consensus                                      ***!!!!*! !***!*!!*!** *!**!**!*!**!!*!*!!!!!!!!!!!*!!!!**!*!***!!!*!!!**!***!***!

logo
NTDB id 36178 GALLO RS01890 WP 009853407.1  LHEFRKNAQMIFQDPQASLNGRMKIRDIVAEGLDIHKLVNSKEERDQKVQDLLALVGLNKDHSTRYPHEFSGGQRQRIGIARALA   169
NTDB id 479 HSISS4 RS06980 WP 021143812.1   KNDLIRRIQMIFQDPAASLNERATVDYILSEGLHNFHLYKDEEDRKAKIKKIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV   166
NTDB id 296 STER RS06910 WP 011681415.1     KNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV   166
NTDB id 328 STU RS16110 WP 002951426.1      KNDLIRRIQMIFQDPAASLNERATVDYILSEGLYNFHLYKDEEERKAKIKEIIKEVGLLEEHLTRYPHEFSGGQRQRIGIARSLV   166
consensus                                   ********!!!!!!!*!!!!*!*****!**!!!****!****!*!**!*******!!!***!*!!!!!!!!!!!!!!!!!!!*!*

logo
NTDB id 36178 GALLO RS01890 WP 009853407.1  VEPKFIIADEPISALDVSIQAQVVNLMQKLQREQGLTYLFIAHDLSMVKYISDRIGVMHWGKMLEIGTSDDVYNHPIHPYTKSLL   254
NTDB id 479 HSISS4 RS06980 WP 021143812.1   MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL   251
NTDB id 296 STER RS06910 WP 011681415.1     MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL   251
NTDB id 328 STU RS16110 WP 002951426.1      MQPDLVIADEPISALDVSVRAQVLNLLKKFQKELGLTYLFIAHDLSVVRFISDRIAVIYKGTIVEVAETEELYNNPIHPYTKSLL   251
consensus                                   **!***!!!!!!!!!!!!!**!!!*!!**!*!*!*!!!!!!!!!!!!!*!**!!!!!*!***!***!*******!!*!!!!!!!!!!

logo
NTDB id 36178 GALLO RS01890 WP 009853407.1  TAIPEPDPESERNRIHEEYDPSAE.LDGQPREMREITPGHFVLCTEAEAEAYKQEL..   309
NTDB id 479 HSISS4 RS06980 WP 021143812.1   SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKAEIETYRKEQSK   309
NTDB id 296 STER RS06910 WP 011681415.1     SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
NTDB id 328 STU RS16110 WP 002951426.1      SAVPIPDPILERKKVLKVYDPNQHDYSVDKPEMVEVRPGHFVWGNKTEIETYRKEQSK   309
consensus                                   *!*!*!!!**!!******!!!**********!!*!**!!!!!**** !*!*!**!***
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X non conserved

X similar

X ≥ 50% conserved