```
logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  MKKYILNRILRSLVSVVLVTALTYTIVYTLVPVGLIFKQDPNYNKMTTTPDKKAAYESLTFQRMGYINYFSSKELKDNASKIDSS   85
NTDB id 476 HSISS4 RS06995 WP 013990225.1  MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERMGYIDYYDTKELQEKASSLDKS   85
NTDB id 293 STER RS06925 WP 011681416.1    MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKASSLDKS   85
NTDB id 325 STU RS16125 WP 002946410.1     MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKASSLDKS   85
consensus                                  !!!!!!*!*!!!!*!***!!!!!!!!*!!*!!**!!!*!!!!!!!***!*!*!!*!!*****!*!!!!*!***!!!***!!**!*!

logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  VTTEATSANKVIYEKYIHSLGNGWQLKRFPVSKKFYATRKIPIYERVWNFFSNLVVIDHPWKIQDKNNPNLARYVRLENDKSIGW  170
NTDB id 476 HSISS4 RS06995 WP 013990225.1  VTTKPTKENKAIYQKYVDSLGHGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW  170
NTDB id 293 STER RS06925 WP 011681416.1    VTTKPTKENKAVYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW  170
NTDB id 325 STU RS16125 WP 002946410.1     VTTKPTKENKAIYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW  170
consensus                                  !!!**!**!!**!*!!**!!!*!!*!**!**!!*!!!!!**!**!!!**!***!***!******!!*!!!!*!!*!*!!!**!!!

logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  SLVGSGTQHKYLVYANGKFPYLHQNLVTLNLGTSYPTYSNIPVLQVISQGQGRTALQDVTFPSGVTKKSSVDIYSRTYKNPKSMD  255
NTDB id 476 HSISS4 RS06995 WP 013990225.1  SVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTQSSEVNFPTGK.KVSSVDIYSRTYKSPSQAD  254
NTDB id 293 STER RS06925 WP 011681416.1    SVVGSGTKHKYLLYFNGQFPFVHQNFVKMNLGTSYPTYAGQGVLDVITQGQGQTKSSVVNFPTGK.KISSVDIYSRTYKSPSQAD  254
NTDB id 325 STU RS16125 WP 002946410.1     SVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTKSSVVNFPTGK.KISSVDIYSRTYKSPSQAD  254
consensus                                  !*!!!!!*!!!!*!*!  *!!**!!!*!**!!!!!!!!!****!!*!!*!!!!*!****!*!!*!* !*!!!!!!!!!!!*!***!

logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  DITKANYGKGDSYTKTINNYVDPSMIHNSFVIGFFGVLIAYVIGLPLGLFMARFKNTYFDRFSTATMTFMLALPSIAVIYVVRFL  340
NTDB id 476 HSISS4 RS06995 WP 013990225.1  ARDRSYYG.DDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMARFKNTLFDSVSTGILTFLLSLPTIALVYIIRLI  338
NTDB id 293 STER RS06925 WP 011681416.1    ARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTLFDSVSTGVLTFLLSLPTIALVYIIRLI  338
NTDB id 325 STU RS16125 WP 002946410.1     ARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTIFDSVSTGVLTFLLSLPTIALVYIIRLI  338
consensus                                  ******!!  *!*!!*!***!**!!!***!***!**!****!****!!!**!!  !!!!*!!**!!***!!*!*!!*!!**!**!**

logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  GSMVGLPDSFPMLGASSPKSYVLPALILGILSIPSTVIWFRRYLVDLQASDWVRFARSKGLSESEIYRDHLFKNAMVPIVSGIPA  425
NTDB id 476 HSISS4 RS06995 WP 013990225.1  GSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHIFKNAMVSLVSGIPA  423
NTDB id 293 STER RS06925 WP 011681416.1    GSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHILKNAMVSLVSGIPA  423
NTDB id 325 STU RS16125 WP 002946410.1     GSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHILKNAMVSLVSGIPA  423
consensus                                  !!**!!!!!!!*!!!****!!!!!**!!!*!!*!***!!*!!!**!!!**!*!!!!!*!!!!!*!!***!*  !!!!!**!!!!!!

logo
NTDB id 83044 H7680 RS01745 WP 003057826.1  SIILAIGGATLTETVFAFPGMGKMLIDSIKSANNSMIVGLTFIFTVLSIVSLLLGDIAMTIVDPRIKLSTKKGGK  500
NTDB id 476 HSISS4 RS06995 WP 013990225.1  SIVSVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALTIFSLLVGDILMTMIDPRIKLTSKGGK.  497
NTDB id 293 STER RS06925 WP 011681416.1    SIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGDILMTIIDPRIKLTSKGGK.  497
NTDB id 325 STU RS16125 WP 002946410.1     SIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGDILMTIIDPRIKLTSKGGK.  497
consensus                                  !!***!*!!!!!!!*!!*!!!!!!!!!!*****!!*!*!!!*!!!!*!*!*!!!*!!!*!!**!!!!!!**!*!*
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X non conserved
X similar
X $\geq$ 50% conserved