logo

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NTDB id 141970 VT08 RS01385 WP 002992227.1  MKKYILNRIMRSLVSVVLVTALTYTIVYTLVPTSLIFKQDPNYNKMTTTPDKKVAYENLTFQRMGYVNYFSSKELKDNASKVDSS  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                                  !!!!!!*!**!!!*!***!!!!!!!*!!*!!**!!!*!!!!!!***!*!*!**!!!***!*!!**!***!!!***!!**!*!
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NTDB id 141970 VT08 RS01385 WP 002992227.1  VTTEATSANKAIYEKYIDSLGNGWQLKRFPTSKQFYAIRNIPIYERVWNFFSNLVVIDHPWKIQDKDNPKLARYIRLEKDKSVGW  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                                  !!!**!**!!!*!*!!*!!!!*!!*!**!**!!!!!!*!**!**!!!**!***!***!******!!*!!*!*!!!!*!*!***!!
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NTDB id 141970 VT08 RS01385 WP 002992227.1  SLVGSGTKHKYLLYTNGKFPYLHQNFVTLNLGTSYPTYSNIPVLQVISQGQGRTALQDVTFPSGVTKKSSVDIYSRSYKNPKSLD  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                                  !*!!!!!!!!!!!!*!  *!!**!!!!!**!!!!!!!!!*****!!*!!*!!!!*!****!*!!*!* !*!!!!!!!!*!!*!***!
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NTDB id 141970 VT08 RS01385 WP 002992227.1  DITKVNYGKGDSYTKTINNYVDPSMIHNSFVIGFFGVMFSYIVGLPLGLFMARFKNTYFDRFSTATMTFMLALPSIAVIYVVRFL  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                                  ******!!  *!*!!*!***!**!!!***!***!**!***!!****!!!**!!  !!!!*!!**!!***!!*!*!!*!!**!**!**
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NTDB id 141970 VT08 RS01385 WP 002992227.1  GGMAGLPDSFPMLGASDPKSYILPALILGILNIPTTVIWFRRYLVDLQASDWVRFARSKGLSESEIYRGHLFKNAMVPIVSGVPA  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                                  !***!!!!!!!*!!!*!**!!*!!**!!!*!**!***!!*!!!**!!!**!*!!!!!*!!!!!*!!!***!*  !!!!!**!!!*!!
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NTDB id 141970 VT08 RS01385 WP 002992227.1  SIILAIGGATLTETVFAFPGMGKMLIDSIKSANNSMIVGLTFIFTVLSIVSLLLGDIVMTLVDPRIKLSTKKGGK  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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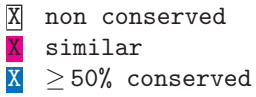
X non conserved
X similar
X ≥ 50% conserved