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logo
NTDB id 34370 SDEG RS01740 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 34370 SDEG RS01740 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                                  !!!**!**!!**!*!!**!!!*!!*!**!**!!*!!!!!**!**!!!**!***!***!******!!*!!!!*!!*!*!!!**!!!

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NTDB id 34370 SDEG RS01740 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 34370 SDEG RS01740 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                                  ******!! *!*!!*!***!**!!!***!***!**!****!****!!!**!! !!!!*!!**!!***!!*!*!!*!!**!**!**

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NTDB id 34370 SDEG RS01740 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                                  !!**!!!!!!!*!!!****!!!!!**!!!*!!*!***!!*!!!**!!!**!*!!!!!*!!!!!*!!***!* !!!!!**!!!!!!

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NTDB id 34370 SDEG RS01740 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