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logo
NTDB id 33402 SPT RS09025 WP 000759905.1   MKKYIFMRVLRSLVSIFLVTTLTYTIIYTLVPRKLIFKQDPNYNKIATTADKRDNYENTVFERMGYIEYYDTKELQEKASSMDSS   85
NTDB id 476 HSISS4 RS06995 WP 013990225.1 MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERMGYIDYYDTKELQEKASSLDKS   85
NTDB id 325 STU RS16125 WP 002946410.1     MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKASSLDKS   85
NTDB id 293 STER RS06925 WP 011681416.1    MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKASSLDKS   85
consensus                                  !!!!!**!*!!!!*!!!*!!*!!!!!!!!!*!!!*!!!*!!!!!!!!!*!!!***!!!!!**!!*!!!*!!!!!!!!!!!!!*!*!

logo
NTDB id 33402 SPT RS09025 WP 000759905.1   VTVEANATNKAIYEKYINQLGHGWTLGEFTESGQFYATREIPIFERVFHFYANLIDIDHTNKIQDPENPDLKRYLRFENDPAIGW   170
NTDB id 476 HSISS4 RS06995 WP 013990225.1 VTTKPTKENKAIYQKYVDSLGHGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW   170
NTDB id 325 STU RS16125 WP 002946410.1     VTTKPTKENKAIYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW   170
NTDB id 293 STER RS06925 WP 011681416.1    VTTKPTKENKAVYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYIRIENDPAIGW   170
consensus                                  !!******!!!*!*!!***!!*!!*!**!**!*!!!!!!**!**!!!!*!!**!***!*!****!**!!*!!!!*!*!!!!!!!!

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NTDB id 33402 SPT RS09025 WP 000759905.1   SLVGSGTKHKYLLYFNSQFPFVHQNFVNLNLGDSYPTYANTPVLQVITQGQGQTKTASVQFPTGKKTSSVNIYSRTYKSPSQADS   255
NTDB id 476 HSISS4 RS06995 WP 013990225.1 SVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTQSSEVNFPTGKKVSSVDIYSRTYKSPSQADA   255
NTDB id 325 STU RS16125 WP 002946410.1     SVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTKSSVVNFPTGKKISSVDIYSRTYKSPSQADA   255
NTDB id 293 STER RS06925 WP 011681416.1    SVVGSGTKHKYLLYFNGQFPFVHQNFVKMNLGTSYPTYAGQGVLDVITQGQGQTKSSVVNFPTGKKISSVDIYSRTYKSPSQADA   255
consensus                                  !*!!!!!!!!!!!!!!!*!!!!!!!!!!**!!!*!!!!!!***!!*!!!!!!!!!****!*!!!!!!*!!!*!!!!!!!!!!!!!*

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NTDB id 33402 SPT RS09025 WP 000759905.1   REVASYGKDDPYTATESNYQYPSMIVSSAITGLIGLVLAYALAVPLGSAMARFKNTWIDSLSTGTLTFLLALPTIALVYIVRLIG   340
NTDB id 476 HSISS4 RS06995 WP 013990225.1 RDRSYYG.DDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMARFKNTLFDSVSTGILTFLLSLPTIALVYIIRLIG   339
NTDB id 325 STU RS16125 WP 002946410.1     RDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTIFDSVSTGVLTFLLSLPTIALVYIIRLIG   339
NTDB id 293 STER RS06925 WP 011681416.1    RDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTLFDSVSTGVLTFLLSLPTIALVYIIRLIG   339
consensus                                  !****!!  !!!!!!*!*!!!!!!**!!!!*!!!!!!!*!!!!*!!!!*!!  !!!!**!!*!!!*!!!!!*!!!!!!!!!*!!!!

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NTDB id 33402 SPT RS09025 WP 000759905.1   SSIALPDSFPILGAGDWRSYVLPAVILGLLGAPVTAIWIRRYMIDLQSQDFVRFARAKGLSEKEISNKHIFKNAMVPLVSGIPGA   425
NTDB id 476 HSISS4 RS06995 WP 013990225.1 SEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHIFKNAMVSLVSGIPAS   424
NTDB id 325 STU RS16125 WP 002946410.1     SEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHILKNAMVSLVSGIPAS   424
NTDB id 293 STER RS06925 WP 011681416.1    SEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGLSEQEISNKHILKNAMVSLVSGIPAS   424
consensus                                  !*!*!!!!!!!!!!!!!!!!!!!!!!*!!!!!!**!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

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NTDB id 33402 SPT RS09025 WP 000759905.1   IIGVIGGATLTETVFAFPGMGKMLIDSVKASNNSMVVGLVFIFTCISIFSRLLGDIWMTIIDPRIKLTEKGGK   498
NTDB id 476 HSISS4 RS06995 WP 013990225.1 IVSVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALTIFSLLVGDILMTMIDPRIKLTSKGGK   497
NTDB id 325 STU RS16125 WP 002946410.1     IVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGDILMTIIDPRIKLTSKGGK   497
NTDB id 293 STER RS06925 WP 011681416.1    IVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGDILMTIIDPRIKLTSKGGK   497
consensus                                  !**!!*!!!!!!!*!!*!!!!!!!!!!!!*!!!!*!!!!!!!!!!***!!!*!*!!!!*!!*!!!!!!!!!*!!!!
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X non conserved
X similar
X $\geq$50% conserved