```
logo
NTDB id 97505 R8474 RS08700 WP 000759907.1  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 97505 R8474 RS08700 WP 000759907.1  VTVEANATNKAIYEKYINQLGHGWTLGEFTESGQFYATREIPIFERVFHFYANLIDIDHTNKIQDPENPDLKRYLRFENDSAIGW   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                                  !!******!!!*!*!!***!!*!!*!**!**!*!!!!!!**!**!!!!*!!**!***!*!****!**!!*!!!!*!*!!!!*!!!!

logo
NTDB id 97505 R8474 RS08700 WP 000759907.1  SLVGSGTKHKYLLYFNSQFPFVHQNFVNLNLGDSYPTYAEQGVLDVITQGQGQTKSSVVNFPTGKKTSSVDIYSRTYKSPSQADS   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                                  !*!!!!!!!!!!!!!!*!!!!!!!!!!**!!!*!!!!!!***!!*!!!!!!!!!****!*!!!!!!*!!!*!!!!!!!!!!!!!*

logo
NTDB id 97505 R8474 RS08700 WP 000759907.1  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                                  !****!!  !!!!!!*!*!!!!!!**!!!!*!!!!!!!*!!!!*!!!!*!!  !!!!**!!*!!!*!!!!!*!!!!!!!!!!*!!!!

logo
NTDB id 97505 R8474 RS08700 WP 000759907.1  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                                  !*!*!!!!!!!!!!!!!!!!!!!!*!!!!!!**!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!  !!!!!*!!!!!!**

logo
NTDB id 97505 R8474 RS08700 WP 000759907.1  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