```
logo
NTDB id 75335 UKS RS01555 WP 156011488.1   MKKYIFMRVLRSLVSIFLVTTLTYTIIYTMVPRKLIFKQDTNYNKIATTADKRDNYENTVYERMGYIEYYDTKELQEKASQMDAS   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                                 !!!!!**!*!!!!*!!!*!!*!!!!!!!!!!!!!*!!!*!!*!!!!!!*!!!***!!!!!*!!!!*!!!*!!!!!!!!!!!!!**!*!
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logo
NTDB id 75335 UKS RS01555 WP 156011488.1   VTVEANDTNKAIYEKYIKQIGHGWTLGEFTESGQFYATREIPIFERVFKFYANLLDIDHTNKIQDPENPNLERYLRFENDPAIGW   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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logo
NTDB id 75335 UKS RS01555 WP 156011488.1   SLVGSGTKHKYLLYFNSQFPFVHQNFVNLNLGDSYPTYANTPVLQVITQGQGQTKTSEVQFPTGKKTSSVNIYSRTYKSPSQADS   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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logo
NTDB id 75335 UKS RS01555 WP 156011488.1   REIANYGKDDPYTATESNYQYPSMIASSAVVGLIGLVISYAIAVPLGSAMARFKNTWIDSFSTGVLTFLMALPTIALVYIVRLIG   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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logo
NTDB id 75335 UKS RS01555 WP 156011488.1   SSIGLPDSFPILGAGDWRSYVLPAVILGLLGAPGTAIWIRRYMIDLQSQDFVRFARAKGLSEKEISNKHIFKNAMVPLVSGIPGA   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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logo
NTDB id 75335 UKS RS01555 WP 156011488.1   VIGVIGGATLTETVFAFPGMGKMLIDSVKASNNSMVVGLVFIFTCISIFSLLLGDIWMTIIDPRIKLTEKGGK   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