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logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   MKKYIFMRILRSLVSIFLVTTLTYTIIYTMVPRRLIFKQDPNYNKVATTEDKKTNYENTVYERMGYVDYYDTKELQEKAK   80
NTDB id 476 HSISS4 RS06995 WP 013990225.1     MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERMGYIDYYDTKELQEKAS   80
NTDB id 293 STER RS06925 WP 011681416.1       MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKAS   80
NTDB id 325 STU RS16125 WP 002946410.1        MKKYILLRTLRSLLSIFVVTALTYTIIYTMVPRRLIFRQDPNYNKIAKTADSKANYENTIYERLGYIDYYDTKELQEKAS   80
consensus                                     !!!!!**!*!!!!*!!!*!!*!!!!!!!!!!!!!!!!*!!!!!!!*!*!*!*!*!!!!!*!!!*!!*!!!!!!!!!!!!*

logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   KENNKSVTTEPTEENKKIYEAYIEKLGKGWKLYQFKESKEFYAVREVPVYERVIEFYTNLIQIDHPNVIQDEENPNLERYI   160
NTDB id 476 HSISS4 RS06995 WP 013990225.1     SLDKSVTTKPTKENKAIYQKYVDSLGHGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI   160
NTDB id 293 STER RS06925 WP 011681416.1       SLDKSVTTKPTKENKAVYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI   160
NTDB id 325 STU RS16125 WP 002946410.1        SLDKSVTTKPTKENKAIYQKYVDSLGRGWRLHQFKQSKQFYATRDVPVLERVFGFYTHLFEFDNTGWVKDKTNPNLKRYI   160
consensus                                     ***!!!!!*!!*!!!**!**!***!!*!!*!*!!!*!!*!!!*!*!!!!*!!!**!!!*!***!******!**!!!!*!!!

logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   RIENDPAIGWSVVGSGTRHKYLLYFNGQFPFVHQNFVSLNLGNSYPTYANTPVLQVISQGQGQTKSSEVQFPTGKKTSSV   240
NTDB id 476 HSISS4 RS06995 WP 013990225.1     RIENDPAIGWSVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTQSSEVNFPTGKKVSSV   240
NTDB id 293 STER RS06925 WP 011681416.1       RIENDPAIGWSVVGSGTKHKYLLYFNGQFPFVHQNFVKMNLGTSYPTYAGQGVLDVITQGQGQTKSSVVNFPTGKKISSV   240
NTDB id 325 STU RS16125 WP 002946410.1        RIENDPAIGWSVVGSGTKHKYLLYFNSQFPFVHQNFVKMNLGTSYPTYAEQGVLDVITQGQGQTKSSVVNFPTGKKISSV   240
consensus                                     !!!!!!!!!!!!!!!!!!*!!!!!!!!! !!!!!!!!!!**!!!*!!!!!!***!!*!!*!!!!!!*!! !*!!!!!!*!!!

logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   NIYSRTYKTPSKADSQDIAKYGKGDAYTATKNNYQNPSMIASSAIIGLIGVALSYLIAVPLGSYMARLKNTWFDSISTAA   320
NTDB id 476 HSISS4 RS06995 WP 013990225.1     DIYSRTYKSPSQADARDRSYYG.DDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMARFKNTLFDSVSTGI   319
NTDB id 293 STER RS06925 WP 011681416.1       DIYSRTYKSPSQADARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTLFDSVSTGV   319
NTDB id 325 STU RS16125 WP 002946410.1        DIYSRTYKSPSQADARDRSYYG.NDPYTATKSRYQYPSMVTSSAIAGLIGLVLSYALAIPLGSYMALFKNTIFDSVSTGV   319
consensus                                     *!!!!!!!*!!*!!**!***!! *!*!!!!!**!!*!!!**!!!!*!!!!**!!!**!*!!!!!!! *!!!*!!!*!!**

logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   LTFMMSLPTIALVYIVRLAGSTLGLPDSFPILGASDWRSYVLPSLILGLLSAPWTAVWIRRYMIDLQSQDFVRFARAKGL   400
NTDB id 476 HSISS4 RS06995 WP 013990225.1     LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL   399
NTDB id 293 STER RS06925 WP 011681416.1       LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL   399
NTDB id 325 STU RS16125 WP 002946410.1        LTFLLSLPTIALVYIIRLIGSEIGLPDSFPILGAGDWRSYVLPSVILGLLSTPGLAIWIRRYMIDLQSQDFVRFARAKGL   399
consensus                                     !!!**!!!!!!!!!!!*!!*!!**!!!!!!!!!!!!*!!!!!!!!!*!!!!!!*!**!*!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1   SEKEISNKHIFKNAMVPLVSSIPASIVGVIAGATLTETVFAFPGMGKMLIDSVKASNNSMVVGLVFIFTCLSIFALLIGD   480
NTDB id 476 HSISS4 RS06995 WP 013990225.1     SEQEISNKHIFKNAMVSLVSGIPASIVSVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALTIFSLLVGD   479
NTDB id 293 STER RS06925 WP 011681416.1       SEQEISNKHILKNAMVSLVSGIPASIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGD   479
NTDB id 325 STU RS16125 WP 002946410.1        SEQEISNKHILKNAMVSLVSGIPASIVGVITGATLTETIFAYPGMGKMLIDSVRASNNAMVVGLVFIFTALSIFSLLVGD   479
consensus                                     !!*!!!!!!! !!!!!*!!!*!!!!!!*!!*!!!!!!!*!!*!!!!!!!!!!!!*!!!!*!!!!!!!!!!!*!*!!*!!*!!
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logo

NTDB id 1142299 DQN71 RS02485 WP 015605271.1  VLMTMLDPRIKLTSKGGK   498
NTDB id 476 HSISS4 RS06995 WP 013990225.1     ILMTMIDPRIKLTSKGGK   497
NTDB id 293 STER RS06925 WP 011681416.1       ILMTIIDPRIKLTSKGGK   497
NTDB id 325 STU RS16125 WP 002946410.1        ILMTIIDPRIKLTSKGGK   497
consensus                                     *!!!**!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved