```
logo
NTDB id 22174 SPYM3 RS01330 WP 011054186.1  MKKYILNRIMRSLVSVVLVTALTYTIVYTLVPTSLIFKQDPNYNKMTTTPDKKVAYENLTFQRMGYVNYFSSKELKDNASKVDSS   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 22174 SPYM3 RS01330 WP 011054186.1  VTTEATSANKAIYEKYIDSLGNGWQLKRFPASKQFYAIRNIPIYERVWNFFSNLVVIDHPWKIQDKDNPKLARYIRLEKDKSVGW  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                                !!!**!**!!!*!*!!*!!!!*!!*!**!**!!!!!!*!**!**!!!**!***!***!******!!*!!*!*!!!!*!*!***!!

logo
NTDB id 22174 SPYM3 RS01330 WP 011054186.1  SLVGSGTKHKYLLYTNGKFPYLHQNFVTLNLGTSYPTYSNIPVLQVISQGQGRTALQDVTFPSGVTKKSSVDIYSRSYKNPKSLD  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 22174 SPYM3 RS01330 WP 011054186.1  DITKVNYGKGDSYTKTINNYVDPSMIHNSFVIGFFGVMFSYIVGLPLGLFMARFKNTYFDRFSTATMTFMLALPSIAVIYVVRFL  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                                ******!!  *!*!!*!***!**!!!***!***!**!***!!****!!!**!!  !!!!*!!**!!***!!*!*!!*!!**!**!**

logo
NTDB id 22174 SPYM3 RS01330 WP 011054186.1  GGMAGLPDSFPMLGASDPKSYILPALILGILNIPTTVIWFRRYLVDLQASDWVRFARSKGLSESEIYRGHLFKNAMVPIVSGVPA  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                                !***!!!!!!!*!!!*!**!!*!!**!!!*!**!***!!*!!!**!!!**!*!!!!!*!!!!!*!!***!*  !!!!!**!!!*!!

logo
NTDB id 22174 SPYM3 RS01330 WP 011054186.1  SIILAIGGATLTETVFAFPGMGKMLIDSIKSANNSMIVGLTFIFTVLSIVSLLLGDIVMTLVDPRIKLSTKKGGK  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