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logo
NTDB id 986343 NST80 RS09550 WP 045771786.1   MKKSKVFLLATVGLLSVGVLTACSSSSKTSGKTYNYVYGGDPATLDYVSTNKKNMTTAVSNGVDGLFENDQYGNLKPSVA   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1     MKKSKWLALAGVALLSVGALAACSSKSSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 324 STU RS16140 WP 011226306.1        MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 292 STER RS06940 WP 011681419.1       MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
consensus                                     !!!!!***!!*!*!! !!*!*!!!!*!*!!!*!!*!!!**!!**!!!***!****** !*!!!!!!*!*!*!!!!*!!!!

logo
NTDB id 986343 NST80 RS09550 WP 045771786.1   ENWSVSQDGLTYTYKIRKGVKWYTSDGEEYANVTAKDFVTGLKHAADTNSEAIYLLQNSVKGLNDYLSGANKDFSNVGIK   160
NTDB id 475 HSISS4 RS07005 WP 021143809.1     EDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVK   160
NTDB id 324 STU RS16140 WP 011226306.1        EDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVK   160
NTDB id 292 STER RS06940 WP 011681419.1       EDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVK   160
consensus                                     !*!!!! !!!!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!!!!!!******!!*!*!**!!*!!!!! !!!!!!!!*!

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NTDB id 986343 NST80 RS09550 WP 045771786.1   AVDDYTLQYTLSQPEPYWNSKLTYSVTWPVNEDFLKSKGKDFGKSTDPTSILYNGPYLLKSLTTKSSIEFTKNENYWDKD   240
NTDB id 475 HSISS4 RS07005 WP 021143809.1     AIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKK   240
NTDB id 324 STU RS16140 WP 011226306.1        AIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKK   240
NTDB id 292 STER RS06940 WP 011681419.1       AIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKK   240
consensus                                     !*!*!!!!!!!**!!!!!!!!*!!****!!!!!!!!*!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!!!* !!!*!!!!*

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NTDB id 986343 NST80 RS09550 WP 045771786.1   NVYFDTVKLTYDDGTDQESLERNFTDGVYNLARLYPTSSNYSKVKKQYKDNIFYTQPGAAVEGVGVNIDRQTYDHTSKEN   320
NTDB id 475 HSISS4 RS07005 WP 021143809.1     NVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKT   320
NTDB id 324 STU RS16140 WP 011226306.1        NVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKT   320
NTDB id 292 STER RS06940 WP 011681419.1       NVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKT   320
consensus                                     !!*!!**! *!*!!*!!**! !*!!!!*!* !!**!!!!!! *!*!*!!!!!*!!*!!!*****!*!*!!!*!****!**

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NTDB id 986343 NST80 RS09550 WP 045771786.1   DQQKTSTKTALLNKDFRQALGFAIDRTNYAAQLNGKEGGSTAVRNIFVKPDFVQADGKDFGTMVMDQLPAYGDEWSGVNL   400
NTDB id 475 HSISS4 RS07005 WP 021143809.1     DAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNF   400
NTDB id 324 STU RS16140 WP 011226306.1        DSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNF   400
NTDB id 292 STER RS06940 WP 011681419.1       DSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNL   400
consensus                                     !**!*!!!!*!!!!!!!!!***!!!!! *!***!*!!!!*!*****!!*!!**!!!*!**!*!!**!******!!!!!!!!!

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NTDB id 986343 NST80 RS09550 WP 045771786.1   ADSQDGLYNPEKAKAEFAKAKEALQAEGVQFPIHLDLPVNQSSKINVAQVQSLKQTIESLGSENWVIDINQLSSDDFYN   480
NTDB id 475 HSISS4 RS07005 WP 021143809.1     TDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQN   480
NTDB id 324 STU RS16140 WP 011226306.1        ADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLEN   480
NTDB id 292 STER RS06940 WP 011681419.1       ADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLEN   480
consensus                                     *!*!!!!!!*!!!!*!!!!!!**!!!*!!!!!!!!!!*!! !!*!**!*! !!!!!*!!**!!**!!!*!**!!!*!!**!
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logo

NTDB id 986343 NST80 RS09550 WP 045771786.1  ITYSASNAAAEDWDLSVGVAWEPDYLDPSTYLDVLKTTNGENTKSFMGYDNPNSQAVEKVGLKEYDQLVDDASKETTDLT  560
NTDB id 475 HSISS4 RS07005 WP 021143809.1    ATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLN  560
NTDB id 324 STU RS16140 WP 011226306.1       VTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN  560
NTDB id 292 STER RS06940 WP 011681419.1      ATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN  560
consensus                                    *!**!*!!!!!!!!!*!* !*!*!!!*!!!!!!!**!!!**!!!!*!!!!!*!!**!***!!!!*!!*!* *!**!!*!!*

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NTDB id 986343 NST80 RS09550 WP 045771786.1  ARYEKYAKAQAWLTDSALYIPTTTYNGAAAVISRIKPFSGAYAQAGDKGS.TYYFKYLKSQDDIVTKKQYDSAYKDWLKE  639
NTDB id 475 HSISS4 RS07005 WP 021143809.1    ARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKE  639
NTDB id 324 STU RS16140 WP 011226306.1       VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE  640
NTDB id 292 STER RS06940 WP 011681419.1      VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE  640
consensus                                     !!**!!*!!!!!*!!*!*!!*!**!!!!**!!!**!!*!!**!*!!!*!***!  !!*!*!***!!!!*!******!!!!

logo

NTDB id 986343 NST80 RS09550 WP 045771786.1  RAKSNDKAQKDLAKHVK  656
NTDB id 475 HSISS4 RS07005 WP 021143809.1    KKASNEKAQKDLEKHVK  656
NTDB id 324 STU RS16140 WP 011226306.1       KKESNEKAQKDLEKHVK  657
NTDB id 292 STER RS06940 WP 011681419.1      KKESNEKAQKDLEKHVK  657
consensus                                    ***!!*!!!!!!*!!!!
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X non conserved
X similar
X ≥ 50% conserved