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logo
NTDB id 155968 RN80 RS00505 WP 020902007.1  MKKSRVFVAAGVALLATGVLVACGNSKSSDSTAPKTYGYVYSADPETLDYIISGKESTKVATSNGIDGLFTNDKYGNLTPAVAED   85
NTDB id 475 HSISS4 RS07005 WP 021143809.1  MKKSKWLALAGVALLSVGALAACSSKS...STSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVAED   82
NTDB id 324 STU RS16140 WP 011226306.1     MKKSKWLALAGVALLGVGVLAACSSKS...NTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAED   82
NTDB id 292 STER RS06940 WP 011681419.1    MKKSKWLALAGVALLGVGVLAACSSKS...NTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAED   82
consensus                                  !!!!*****!!!!!!**!*!*!!****    !***!!!!!!**!!!*!!!!*!****!!* **!!*!!!***!!!!!!*!*!!!!

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NTDB id 155968 RN80 RS00505 WP 020902007.1  WSVSKDGLTYTYKIRKGVKWMTSDGEEYAEVTAKDFVNGLKHAADKKSEALYLAETSVKGLSDYLAGNSKDFSTVGVKAVDDYTL  170
NTDB id 475 HSISS4 RS07005 WP 021143809.1  WSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVKAIDDYTL  167
NTDB id 324 STU RS16140 WP 011226306.1     WSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDEYTL  167
NTDB id 292 STER RS06940 WP 011681419.1    WSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTL  167
consensus                                  !!!!*!!!!!!!!!!!!!*!!*!!*!!!!!*!!!!!!!*!!!!!!!*!****!!***!**!!!!!!*!**!!!!*!!!!!*!*!!!

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NTDB id 155968 RN80 RS00505 WP 020902007.1  EYTLNQPEPYWNSKMVYSIFWPLNEEFEKSKGSDFAKATDPTSLLYNGPFLLKGLTAKSSIEFAKNEQYWDKENVHLDTATLAYF  255
NTDB id 475 HSISS4 RS07005 WP 021143809.1  QYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYY  252
NTDB id 324 STU RS16140 WP 011226306.1     QYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYY  252
NTDB id 292 STER RS06940 WP 011681419.1    QYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYY  252
consensus                                  *!!!**!!!!!!!!**!****!*!!*!*!*!!*!!*!*!!!!!*!!!!!!!!!*!!!!!!!!**!!!*!!!!*!!!*!*** *!*

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NTDB id 155968 RN80 RS00505 WP 020902007.1  DGSDQESLERNFTSGAYSFARLYPTSSNFSKVEESYKDNIFYTPSGAGIGGLGVNIDRQNYKYTSKTTDEEKTSTKKALLNKDFR  340
NTDB id 475 HSISS4 RS07005 WP 021143809.1  DGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFR  337
NTDB id 324 STU RS16140 WP 011226306.1     DGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFR  337
NTDB id 292 STER RS06940 WP 011681419.1    DGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFR  337
consensus                                  !!!!!**!  !*!!*!!!  *!!**!!!!!* *!!**!!!!!*!!**!!*****!*!*!!!*!!***!*!!*!!*!!!!!!!!!!!!

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NTDB id 155968 RN80 RS00505 WP 020902007.1  QALNFAFDRTGYSAQVNGKEGAPLAVRNLFVKPDFVTAGEKTFGDLVAEKVKTYGDEWKDVNFADGQDGLFNADKAKAEFAKAKT  425
NTDB id 475 HSISS4 RS07005 WP 021143809.1  QSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKE  422
NTDB id 324 STU RS16140 WP 011226306.1     QAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKD  422
NTDB id 292 STER RS06940 WP 011681419.1    QAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKD  422
consensus                                  !**!!!*!!  *!**!*!!!*!!*!**!!!!!!**!!!*!!*!!!!!!!*!!***!!!!!!**!!**!  !!!!*!!*!!!*!!!!!!*

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NTDB id 155968 RN80 RS00505 WP 020902007.1  ALEAEGVKFPIHLDVPVDQTSKNFVARIQSFKQSVEKVLGEENVVIDIQQISKDEFFNATYYAANAAAEDWDLSGAVGWNPDYED  510
NTDB id 475 HSISS4 RS07005 WP 021143809.1  TLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQD  507
NTDB id 324 STU RS16140 WP 011226306.1     ALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQD  507
NTDB id 292 STER RS06940 WP 011681419.1    ALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQD  507
consensus                                  *!*!*!!*!!!!!!*!!*!*!!**!!**!!*!!!**!**!!**!!!!!**!*!*!***!*!**!!!!!!!!!!*!**!*!*!!!*!
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NTDB id 155968 RN80 RS00505 WP 020902007.1  PSTYLDILKSTNSEQTKTYMGYDDPSNAAAAKVGVKDYDKLLDEAGKETSDLNKRYEKYAAAQAWLTDSSLFLPAMSSSGAAPFI   595
NTDB id 475 HSISS4 RS07005 WP 021143809.1   PSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVI   592
NTDB id 324 STU RS16140 WP 011226306.1      PSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAI   592
NTDB id 292 STER RS06940 WP 011681419.1     PSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVI   592
consensus                                   !!!!!!!*!*!*!!*!! *!!!!!!*!!!!!*!!*!!!!*!! *!**!!*!!!*!!**!!*!!!!!*!!!!**!*****!!!!*!

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NTDB id 155968 RN80 RS00505 WP 020902007.1  SRVVPFSASYSQSGDKGS.NLYFKYIQLQDKVVTKADYEQAREKWIKEKKESNEKVQKELTKHVK   659
NTDB id 475 HSISS4 RS07005 WP 021143809.1   SRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1      SRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1     SRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
consensus                                   !!**!!*****!*!!!*!***! !!***!*!!!!!**!!!*!!!!*!!!!*!!!!*!!!*!*!!!!
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X non conserved

X similar

X $\geq$ 50% conserved