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logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  MKKSKVMLFGAMALTAGLALAACGSSQSTNADKTYSYIFVSNPDTLDYITSTRDSTSSITTNLIDGLLENDQYGNLIPSMAESWT   85
NTDB id 475 HSISS4 RS07005 WP 021143809.1  MKKSKWLALAGVALLSVGALAACSSK.SSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVAEDWS   84
NTDB id 324 STU RS16140 WP 011226306.1     MKKSKWLALAGVALLGVGVLAACSSK.SNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWS   84
NTDB id 292 STER RS06940 WP 011681419.1    MKKSKWLALAGVALLGVGVLAACSSK.SNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWS   84
consensus                                  !!!!!*******!!**** !!!!*!* !*****!!*!***!*!**!!!!!****!****!!**!!!*!*!*!!!!*!!*!!*!*

logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  VSKDGLTYTYKIRQGAKWYTSEGEEYADVTAHDFVTGLKYAADKKAENLYLVQDSIKGLADYVEGRTSDFGTVGVKAVDDYTLQY  170
NTDB id 475 HSISS4 RS07005 WP 021143809.1  VSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVKAIDDYTLQY  169
NTDB id 324 STU RS16140 WP 011226306.1     VSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDEYTLQY  169
NTDB id 292 STER RS06940 WP 011681419.1    VSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTLQY  169
consensus                                  !!*!!!!!!!!!!*!*!!!!!*!!!!! !!!*!!!!!!!*!!!*!!***!!!!!!!*!!*!!**!***!!**!!!!!*!*!!!!!

logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  TLIQPETYWNSKTTASILNPVNEAFLKSKGDDFGSV.TPSSILSNGPYLFKSFSSKSLIEFDKNPNYWDKDKVKIEKVKLSFFDG  254
NTDB id 475 HSISS4 RS07005 WP 021143809.1  TLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYYDG  254
NTDB id 324 STU RS16140 WP 011226306.1     TLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDG  254
NTDB id 292 STER RS06940 WP 011681419.1    TLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDG  254
consensus                                  !!**!!*!!!!!!!***!*!!!!*!!!*!!*!!!****!*!!!*!!!*!*!!***!!*!!**!!**!!!!**!*****! !**!!

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NTDB id 155971 RN80 RS00705 WP 060627180.1  SDQDSIARGFLDGNYTDGSIFPTSSVFAELKKGNEDKITYTPQNSVTFYYLFNVNRQSYKQTMKQSDKEKTDSRAAMQNKDFRQA  339
NTDB id 475 HSISS4 RS07005 WP 021143809.1  SDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFRQS  339
NTDB id 324 STU RS16140 WP 011226306.1     SDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFRQA  339
NTDB id 292 STER RS06940 WP 011681419.1    SDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQA  339
consensus                                  !!!****!!!*!!*!******!!!!******!***!*!*!!*****!*****!**!!!!!***!**!*!!*****!**!!!!!!!*

logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  INFAFDRHAYAAQTNGEDGADRILRNTVTPSNFVQVGDKNFGDIVNEKIVNYGKDWANINLNDGKQAFLNPDKAKEKFAKAKESL  424
NTDB id 475 HSISS4 RS07005 WP 021143809.1  INFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKETL  424
NTDB id 324 STU RS16140 WP 011226306.1     INFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDAL  424
NTDB id 292 STER RS06940 WP 011681419.1    INFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDAL  424
consensus                                  !!!!*!!*!!**!*!!*!!!****!!***!!*!!**!!!*!!!*!*!!***!!**!***! *! *****!**!!!**!!!!!**!

logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  QAQGVTFPIHLDMPVDQTAKLDVQQAGSFKQTVEETLGKENVVIDVIQLSPDEKDQATYFADTAEQKDYDIDI.SGWGGDYSDPK  508
NTDB id 475 HSISS4 RS07005 WP 021143809.1  QADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDPS  509
NTDB id 324 STU RS16140 WP 011226306.1     QADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDPS  509
NTDB id 292 STER RS06940 WP 011681419.1    QADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPS  509
consensus                                  !!*!!*!!!!!!*!!*!**!**!*!**!*!!!*!**!!**!!!!!**!!!*!*****!**!**!***!*!!*****!**!!*!!*
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logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  TYLAILDSETGSQLKNMGLSEGKDKEVKDKIGLADYKKLLDQADAEITDTQARYEKYAEAQAWLTDSALFLPVQSG.GANPIFRK   592
NTDB id 475 HSISS4 RS07005 WP 021143809.1   TYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISR   594
NTDB id 324 STU RS16140 WP 011226306.1      TYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISR   594
NTDB id 292 STER RS06940 WP 011681419.1     TYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISR   594
consensus                                   !!!*!*********!****************!!*!!**!! *!**!**!** !!**!!*!!!!!*!!*!**!***!*!!*!****

logo
NTDB id 155971 RN80 RS00705 WP 060627180.1  TIPFTGPFSFVGHKGD.ADNYKYVELQKEPVTAKQYQELYEKWLKEKAESNKKAQEDLANHIQ   654
NTDB id 475 HSISS4 RS07005 WP 021143809.1   LTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1      LTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1     LTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
consensus                                   **!!!!****!!*!****!**!!!**!***!!*!*!****!!!!!!!**!!*!!!*!!**!**
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X non conserved

X similar

X $\geq$ 50% conserved