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logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     MKKSKWLALAGVALLSVGALAACSSKSSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVAEDWSV  85
NTDB id 114107 T303 RS07955 WP 011681419.1    MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWSV  85
NTDB id 292 STER RS06940 WP 011681419.1       MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWSV  85
NTDB id 324 STU RS16140 WP 011226306.1        MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAEDWSV  85
consensus                                     !!!!!!!!!!!!!!!*!!*!!!!!!!!*!!!!!!!!!!*!!!!*!!!!!!!!!!!!**!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     SQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVKAIDDYTLQYT  170
NTDB id 114107 T303 RS07955 WP 011681419.1    SKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTLQYT  170
NTDB id 292 STER RS06940 WP 011681419.1       SKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDDYTLQYT  170
NTDB id 324 STU RS16140 WP 011226306.1        SKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVKAIDEYTLQYT  170
consensus                                     !*!!!!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!!!!!*!!!**!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!*!!!!!!

logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     LKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYYDGS  255
NTDB id 114107 T303 RS07955 WP 011681419.1    LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS  255
NTDB id 292 STER RS06940 WP 011681419.1       LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS  255
NTDB id 324 STU RS16140 WP 011226306.1        LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS  255
consensus                                     !!*!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!*!!!!!!

logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     DQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFRQSI  340
NTDB id 114107 T303 RS07955 WP 011681419.1    DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI  340
NTDB id 292 STER RS06940 WP 011681419.1       DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI  340
NTDB id 324 STU RS16140 WP 011226306.1        DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI  340
consensus                                     !!*!!*!!!!!!!!**!!!*!!!!!!*!!!!!!!!!!*!!!!!!!!!!!!*!*!!!!!!**!!!!!*!!*!!!!!!!!!!!!!*!

logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     NFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKETLQ  425
NTDB id 114107 T303 RS07955 WP 011681419.1    NFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDALQ  425
NTDB id 292 STER RS06940 WP 011681419.1       NFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDALQ  425
NTDB id 324 STU RS16140 WP 011226306.1        NFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDALQ  425
consensus                                     !!!!!!*!!!!!*!!!!!!*!**!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! *!*!!!!!!!!!!!!!!!!!!**!!

logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1     ADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDPST  510
NTDB id 114107 T303 RS07955 WP 011681419.1    ADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPST  510
NTDB id 292 STER RS06940 WP 011681419.1       ADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPST  510
NTDB id 324 STU RS16140 WP 011226306.1        ADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDPST  510
consensus                                     !!!!!!!!!!!!!! !!!!*!!!! !!!!!!!!*!!!!*!!!!!*!!!!!!!**!*!!!!!!!!!!!!!!!!*!*!*!!!!!!!!
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logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1   YLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
NTDB id 114107 T303 RS07955 WP 011681419.1 YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
NTDB id 292 STER RS06940 WP 011681419.1    YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
NTDB id 324 STU RS16140 WP 011226306.1     YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRL   595
consensus                                  !!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!
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logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1   TPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK   656
NTDB id 114107 T303 RS07955 WP 011681419.1 TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1    TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
NTDB id 324 STU RS16140 WP 011226306.1     TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
consensus                                  !!!!!!!*!!!!!!!**!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!
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X non conserved
X similar
X $\geq$ 50% conserved