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


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


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NTDB id 475 HSISS4 RS07005 WP 021143809.1 LKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKKNVHFDAIKLSYYDGS 255
NTDB id 324 STU RS16140 WP 011226306.1 LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS 255
NTDB id 292 STER RS06940 WP 011681419.1 LKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKKNVHFDAIKFSYYDGS 255
consensus


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NTDB id 475 HSISS4 RS07005 WP 021143809.1 DQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKTDAEKTSTKKALLNKDFRQSI 340
NTDB id 324 STU RS16140 WP 011226306.1 DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI 340
NTDB id 292 STER RS06940 WP 011681419.1 DQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKTDSEKSSTKKALLNKDFRQAI 340
consensus


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NTDB id 475 HSISS4 RS07005 WP 021143809.1 NFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFTDGQDGLYNAEKAKTEFAKAKETLQ 425
NTDB id 324 STU RS16140 WP 011226306.1 NFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNFADSQDGLYNAEKAKTEFAKAKDALQ 425
NTDB id 292 STER RS06940 WP 011681419.1 NFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNLADSQDGLYNAEKAKTEFAKAKDALQ 425
consensus


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NTDB id 475 HSISS4 RS07005 WP 021143809.1 ADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQNATLNAANAAAEDWDISNGVIWGPDYQDPST 510
NTDB id 324 STU RS16140 WP 011226306.1 ADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLENVTLNAANAAAEDWDISNSVAWAPDYQDPST 510
NTDB id 292 STER RS06940 WP 011681419.1 ADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLENATLNAANAAAEDWDISNSVGWAPDYQDPST 510
consensus



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NTDB id 475 HSISS4 RS07005 WP 021143809.1  YLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL  595
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NTDB id 292 STER RS06940 WP 011681419.1    YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL  595
consensus                                  !!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!
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logo
NTDB id 475 HSISS4 RS07005 WP 021143809.1  TPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK  656
NTDB id 324 STU RS16140 WP 011226306.1     TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK  657
NTDB id 292 STER RS06940 WP 011681419.1    TPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK  657
consensus                                  !!!!!!!*!!!!!!!**!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!
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X non conserved
X similar
X ≥ 50% conserved