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logo
NTDB id 26047 SPT RS09030 WP 000742234.1   MKKNRVFATAGLVLLAAGVLAACSSSKSSDSSAPKAYGYVYTADPETLDYLISSKNSTTVVTSNGIDGLFTNDNYGNLAPAVAED   85
NTDB id 475 HSISS4 RS07005 WP 021143809.1  MKKSKWLALAGVALLSVGALAACSSKSS...TSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVAED   82
NTDB id 324 STU RS16140 WP 011226306.1     MKKSKWLALAGVALLGVGVLAACSSKSN...TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAED   82
NTDB id 292 STER RS06940 WP 011681419.1   MKKSKWLALAGVALLGVGVLAACSSKSN...TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVAED   82
consensus                                  !!!****!*!!**!!**!*!!!!!!**    *****!!!!!**!!!*!!!**!****!*****!!*!!!***!*!!!!*!*!!!!

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NTDB id 26047 SPT RS09030 WP 000742234.1   WEVSKDGLTYTYKIRKGVKWFTSDGEEYAEVTAKDFVNGLKHAADKKSEAMYLAENSVKGLADYLSGTSTDFSTVGVKAVDDYTL   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 26047 SPT RS09030 WP 000742234.1   QYTLNQPEPFWNSKLTYSIFWPLNEEFETSKGSDFAKPTDPTSLLYNGPFLLKGLTAKSSVEFVKNEQYWDKENVHLDTINLAYY   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 26047 SPT RS09030 WP 000742234.1   DGSDQESLERNFTSGAYSYARLYPTSSNYSSKVAEEYKDNIYYTQSGSGIAGLGVNIDRQSYNYTSKTTDSEKVATKKALLNKDFR   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 26047 SPT RS09030 WP 000742234.1   QALNFALDRSAYSAQINGKDGAALAVRNLFVKPDFVSAGEKTFGDLVAAQLPAYGDEWKGVNLADGQDGLFNADKAKAEFAKAKK   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 26047 SPT RS09030 WP 000742234.1   ALEADGVQFPIHLDLPVDQASKNYISRIQSFKQSVETVLGVENVVVDIQQMTSDEFLNITYYAANASSEDWDVSGGVSWGPDYQD   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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logo
NTDB id 26047 SPT RS09030 WP 000742234.1   PSTYLDILKTTSSETTKTYLGFDNPNSPSVVQVGLKEYDKLVDEAARETSDLNVRYEKYAAAQAWLTDSSLFIPAMASSGAAPVL   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 26047 SPT RS09030 WP 000742234.1   SRIVPFTGASAQTGSKGS.DVYFKYLKLQDKVVTKEEYEKAREKWLKEKAESNEKAQKELASHVK   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