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logo
NTDB id 67239 SITYG RS02185 WP 096362557.1  MKSSKWIIATGVVLSAGILLAGC.GKSSSSTSTYSYVYTQDPDTLNYLMANRATTSDVVTNLVDGLLENDRYGNLVPALAKSWTV   84
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                                  !!*!!!****!!*!*****!!*!**!! *!**!!*!!!**!!**!*!***!***!***!!!*!!!!!*!*!*!!!!!!**!**!*!

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NTDB id 67239 SITYG RS02185 WP 096362557.1  SKDGLTYTYKLRKDAKWYTSEGEEYAGVKAQDFVTGLKYAADNKSEALYLVQDSVKGLDAYIKGETKDFSKVGVKAIDDYTVQYT  169
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 67239 SITYG RS02185 WP 096362557.1  LSRAETYWNSKTTNNILFPVNAAFLKSQGKNFGS.VKPSSILYNGPYLLKSLTAKSSMEFAKNPHYYDKKNVHLDNIKLTYYDGS  253
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 67239 SITYG RS02185 WP 096362557.1  DQEALIRNFTEGAYSAARLYPNSSSFASVKKQYNNNIIYSLQDATSYYYNFNLNRQSYHHTSKKTDAQKTATQEAVLNKAFRQAI  338
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 67239 SITYG RS02185 WP 096362557.1  NFAYNRMSYGAQSNGKDGATKVLRNTLVPPTFVSIGDKTFGDLVSSKLVKYGSEWSDMNLADAQDAYYNPAKAKAKFAQAKAELQ  423
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 67239 SITYG RS02185 WP 096362557.1  AKGVQFPIHLDVPADQTSKIGVQWESSMKQSVESVLGKDNVVIDIQQMSSDELNNIGYFANTAAQKDYDLYNG.GWSGDYQDPST  507
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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logo
NTDB id 67239 SITYG RS02185 WP 096362557.1   YLDTLNTKNGGSLKNFGLEPGQENDKIKTVGLDTYTTMLEEANAETNE.MKRYEKYAEAQAWLIDSGLTMPNL.SLGGTPSVTKT   590
NTDB id 475 HSISS4 RS07005 WP 021143809.1    YLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
NTDB id 324 STU RS16140 WP 011226306.1       YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRL   595
NTDB id 292 STER RS06940 WP 011681419.1      YLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRL   595
consensus                                    !!!***!******!*!*******!*****!!!**!***!**!**!!****!!**!!*!!!!!*!!*!**!*****!**!*****

logo
NTDB id 67239 SITYG RS02185 WP 096362557.1   VPFSRSYSLVGIKGGSSNYFKYVKLQDKIVTTKEYESAKKKWLKEKEASNKKAQDNYENHVK   652
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 $\geq$ 50% conserved