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logo
NTDB id 67275 SITYG RS08105 WP 096363110.1  MKKSKIIALTAVALFATGTLAACSGSKTGSSNKTFSYVYEQDPDNLDYLTTGKASTSNITSNVIDGLLENDRYGNLIPSVAKDWT   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 67275 SITYG RS08105 WP 096363110.1  VSKDGLTYTYKLRKGVKWYTSEGEEYAEVKAQDFVTGLKHAADKKSDAIYLVQDSIKGLDAYMKGENKDFSAVGIKAVDDYTVQY  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 67275 SITYG RS08105 WP 096363110.1  TLNRPESFWNSKTTMGVLAPVNAEFLKSKGNKFAQATDPSSILYNGPYLLKSITAKSSVEFAKNPNYWDKKNVHIDHIKLSYYDG  255
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                                  !!**!!**!!!!!!* *!*!!!**!!!*!!**!***!!!*!!!!!!!*!!!!*!!!!!*!**!!**!!!!!!!!*!*!! !!!!!

logo
NTDB id 67275 SITYG RS08105 WP 096363110.1  QDQDKLAKGFSDGSFTNAKVFPTSPSYASVSKKYKNNIVYTPQDATTYLVATNIDRQSYNHTSKTTDAQKTSTKKALLNKDFRQA  340
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                                  *!**!**!!*!!****!*!*!!!**!*!!*!!!!*!!*!!***!*!*****!*!!!!!****!*!! *!*!!!!!!!!!!!!!!*

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NTDB id 67275 SITYG RS08105 WP 096363110.1  ITFAFDRTAYASQVNGKDGATKMLRNLFVPPTFVQTDDKNFGELVKEKLVGYDESWKDVNLNDAQDGLYNPTKAKEKLAKAKAAL  425
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 67275 SITYG RS08105 WP 096363110.1  QADGVQFPIHIDMPVDQTATNKVQRVQSLKQSIEKNLGKENVVIDIQQMSKDDVNNITYFAESAAAEDWDLSDNVGWSPDRQDPS  510
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 67275 SITYG RS08105 WP 096363110.1   TYLDVIKPSSGENTKTYLGFDSGKNNAAAAQVGMNEYEKLLNEAEKETTNTNARYEKYAAAQAWLTDNALVIPTTTLTG.RPILS   594
NTDB id 475 HSISS4 RS07005 WP 021143809.1    TYLDIFKTTSSENTKTFMGYDDP.NNAAAAQVGLKDYDALLDSAASETTDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVIS   593
NTDB id 324 STU RS16140 WP 011226306.1       TYLDIFKTTSSENTKAFMGYDDP.NNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAIS   593
NTDB id 292 STER RS06940 WP 011681419.1      TYLDIFKTTSSENTKAFMGYDDP.NNAAAAQVGLKDYDALLNSAASETSDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVIS   593
consensus                                    !!!!**!**!*!!!! **!*!** !!!!!!!!!***!**!!**!**!!***! !!**!!*!!!!!*!**!!!!*!***!**!**!
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logo
NTDB id 67275 SITYG RS08105 WP 096363110.1   RTVPFTNPFAWSGNKGNSEIILYKYLELQDEPVTQDQYKKAMTKWNKERSKSNKKAQEELADHIK   659
NTDB id 475 HSISS4 RS07005 WP 021143809.1    RLTPFTGASMQVGDKN.S.SDYFKYVKPQEKVVTKKEYEQSREKWLKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1       RLTPFTGASLQVGDKN.SSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1      RLTPFTGASLQVGDKN.SSNDYIKYVKPQEKVVTKKEYEQSREKWLKEKKESNEKAQKDLEKHVK   657
consensus                                    !**!!!******!*!* !*****!!***!***!!***!*****!!*!!***!!*!!!**!**!*!
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X non conserved

X similar

X $\geq$ 50% conserved