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logo

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   MKKSRIFALAGVALVAAGVLAACGSSKSSNDAEAPKAYGYTYTADPETLDYLISGKQSTKVATSNGIDGLFTNDKYGNLT   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1      MKKSKWLALAGVALLSVGALAACSSKSST....SGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLV   76
NTDB id 324 STU RS16140 WP 011226306.1         MKKSKWLALAGVALLGVGVLAACSSKSNT....SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLV   76
NTDB id 292 STER RS06940 WP 011681419.1        MKKSKWLALAGVALLGVGVLAACSSKSNT....SGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLV   76
consensus                                      !!!!***!!!!!!!***!*!!!!*!** *    ****!!!!*!**!!!!*!!!**!*****!!* **!!*!!!***!!!!!!*

logo

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   PAVAEDWSVSKDGLTYTYKIRKGVKWFTSDGEEYAEVTAKDFVNGLKHAADKKSAAMYLAENSVKGLADYVAGNNKDFAS   160
NTDB id 475 HSISS4 RS07005 WP 021143809.1      PSVAEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSN   156
NTDB id 324 STU RS16140 WP 011226306.1         PSVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSN   156
NTDB id 292 STER RS06940 WP 011681419.1        PSVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSN   156
consensus                                      !*!!!!!!!!*!!!!!!!!!!!!!*!!*!!*!!!!!*!!!!!!!*!!!!!!!*!****!!***!**!!*!!**!*!!!!**

logo

VGVKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNENY

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   VGVKAVDDYTLEYTLNKPEPYWNTKMAYSIFWPLNEEFEKSKGADFGKATDPTSLLYNGPFLLRGLTAKSSIEFVKNENY   240
NTDB id 475 HSISS4 RS07005 WP 021143809.1      VGVKAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENY   236
NTDB id 324 STU RS16140 WP 011226306.1         VGVKAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHY   236
NTDB id 292 STER RS06940 WP 011681419.1        VGVKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHY   236
consensus                                      !!!!!*!*!!!*!!!* !!!!!!*!**!****!*!!*!*!*!!*!!!!*!!!!!*!!!!!!!**!!!!!!!!!**!!!*!

logo

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   WDKDNVHLDTVTLAYYDGSDQESLERNFTSGAYSYARLFPTSSNFSKVEETYKDNIYYSPQGPGIAGLGVNIDRQSYKYT   320
NTDB id 475 HSISS4 RS07005 WP 021143809.1      WDKKNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFS   316
NTDB id 324 STU RS16140 WP 011226306.1         WDKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYT   316
NTDB id 292 STER RS06940 WP 011681419.1        WDKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYT   316
consensus                                      !!!*!!!*!*** *!!!!!!!**! !*!!*!!! *!!**!!!!!* *!!**!!!!!*!***!******!*!*!!!!!!**

logo

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   SKTTDEEKTATKKALLNKDFRQALNFAFDRTAYSAQLNGKDGAALAVRNLFVKPDFVSAGDKTFGDLVTEKVVSYGDEWK   400
NTDB id 475 HSISS4 RS07005 WP 021143809.1      AKKTDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS   396
NTDB id 324 STU RS16140 WP 011226306.1         AKKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS   396
NTDB id 292 STER RS06940 WP 011681419.1        AKKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWS   396
consensus                                      *!*!!*!!**!!!!!!!!!!!!!**!!!*!! !!**!*!!!!!! !**!!!!!!**!!!!!!!!!!!!!!!!!!**!!!!!!*

logo

NTDB id 1152570 NBW44 RS00355 WP 250306744.1   DVNFADAQDGLYNADKAKAELAKAKKDLEADGVKFPIHLDIPVDQTSKNYIARIQSFKQSVETALGTDNVVIDIQQITTD   480
NTDB id 475 HSISS4 RS07005 WP 021143809.1      GVNFTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSD   476
NTDB id 324 STU RS16140 WP 011226306.1         GVNFADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSD   476
NTDB id 292 STER RS06940 WP 011681419.1        GVNLADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSD   476
consensus                                      *!!**!*!!!!!!!*!!!!*!*!!!!**!*!!!!!*!!!!!!*!!*!*!!***!**!!*!!**!**!!**!!!!!!**!***!
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logo
NTDB id 1152570 NBW44 RS00355 WP 250306744.1  ELHNITYYAANAAAEDWDLSGAVGWNPDYEDPSTYLDILKTTNSETTKSYMGYDNPSSPAVAQVGLKEYDKLVDEAGNET   560
NTDB id 475 HSISS4 RS07005 WP 021143809.1     DIQNATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASET   556
NTDB id 324 STU RS16140 WP 011226306.1        DLENVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASET   556
NTDB id 292 STER RS06940 WP 011681419.1       DLENATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASET   556
consensus                                     ***!*!**!!!!!!!!!!*!**!*!*!!!*!!!!!!!!!*!!!*!!*!!*!!!!!!*!***!*!!!!!!*!!*!* *!**!!

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NTDB id 1152570 NBW44 RS00355 WP 250306744.1  SDLAVRYEKYAAAQAWLTDSSLFLPAMSSSGAAPIISRVVPFSASYTQSGDKGS.DVYFKYLKLQSNTVTTKEYQEAREK   639
NTDB id 475 HSISS4 RS07005 WP 021143809.1     TDLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREK   635
NTDB id 324 STU RS16140 WP 011226306.1        SDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREK   636
NTDB id 292 STER RS06940 WP 011681419.1       SDLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREK   636
consensus                                     *!!**!!**!!*!!!!!*!!!!**!*****!!!!*!!!**!!*****!*!!!!*!***! !!*!*!***!!*!!!***!!!

logo
NTDB id 1152570 NBW44 RS00355 WP 250306744.1  WLKEKAEANEKVQKELASHVK   660
NTDB id 475 HSISS4 RS07005 WP 021143809.1     WLKEKKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1        WLKEKKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1       WLKEKKESNEKAQKDLEKHVK   657
consensus                                     !!!!!***!!!*!!*!**!!!
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X non conserved

X similar

X $\geq$ 50% conserved