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logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  MKKSKWLVLAGVALLGVGVLAACSSKSSTSGTTYSNIYGSDPETLDYITSIMGGTKAVLTNGVDGLMEADKYGNLVPSVA   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1     MKKSKWLALAGVALLSVGALAACSSKSSTSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 324 STU RS16140 WP 011226306.1        MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
NTDB id 292 STER RS06940 WP 011681419.1       MKKSKWLALAGVALLGVGVLAACSSKSNTSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVPSVA   80
consensus                                     !!!!!!!*!!!!!!!*!!*!!!!!!!! !!!!!!***!*!!!!*!!!!!!**!*!!***!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  EDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADAKSGALYLVQDSIAGLSDYLSGANKDFSNVGVK  160
NTDB id 475 HSISS4 RS07005 WP 021143809.1     EDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNVGVK  160
NTDB id 324 STU RS16140 WP 011226306.1        EDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVK  160
NTDB id 292 STER RS06940 WP 011681419.1       EDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNVGVK  160
consensus                                     !!!!!!*!!!!!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!!!!!!!*!*!**!!!!!!!!!!!!!!!!! !!!!!!!!!!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  AIDDYTLQYTLKKQEPYWNSKTTYGVLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKK  240
NTDB id 475 HSISS4 RS07005 WP 021143809.1     AIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYWDKK  240
NTDB id 324 STU RS16140 WP 011226306.1        AIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKK  240
NTDB id 292 STER RS06940 WP 011681419.1       AIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYWDKK  240
consensus                                     !!!*!!!!!!!! *!!!!!!!!!! *!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!*!!!!!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  NVHFDSIKFSYSDGSDLESIERSFSDGALSIARVFPTSSNYASVEKKYKDNIFYTEPGASTSVIGVNIDRQSYKFSAKKT  320
NTDB id 475 HSISS4 RS07005 WP 021143809.1     NVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSAKKT  320
NTDB id 324 STU RS16140 WP 011226306.1        NVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTAKKT  320
NTDB id 292 STER RS06940 WP 011681419.1       NVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTAKKT  320
consensus                                     !!!!!*!!*!!*!!!!**** !*!*!!!* *!!!*!!!!!!*!!!!!!!!!!*!!*!!!!!!*!!*!*!!!!!!**!!!!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  DAEKTSTKKALLNKDFRQSINFAIDRTAYQSQVNGKDGAALALRNLFVPYDFVSAGDKTFGDLVTEKMSSYGDEWSGVNF  400
NTDB id 475 HSISS4 RS07005 WP 021143809.1     DAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNF  400
NTDB id 324 STU RS16140 WP 011226306.1        DSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNF  400
NTDB id 292 STER RS06940 WP 011681419.1       DSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSGVNL  400
consensus                                     ! !!*!!!!!!!!!!!!!! !!!!!!! !!!!!*!!!!!! !**!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  ADGQDGLYNAKKAKTEFAKAKEALQGEGVQFPVHLDLPVDQSSKLSVAQAQSLKQTIEKSLGSENVVIDINQMSSDDMQN  480
NTDB id 475 HSISS4 RS07005 WP 021143809.1     TDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDDIQN  480
NTDB id 324 STU RS16140 WP 011226306.1        ADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDDLEN  480
NTDB id 292 STER RS06940 WP 011681419.1       ADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDDLEN  480
consensus                                     *! !!!!!!!*!!!!!!!!!!!**!!**!!!!!*!!!!!!*!!!!**!!!*!!!!!!!!!*!!!!*!!!!!*!!*!!!!* !
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logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  ATSNAANAAAEDWDISNGVGWGPDYQDPSTYLDILKTTSSENTKAFNGYDDPNNAAAAQVGLKDYDALLDSAASETTDIN   560
NTDB id 475 HSISS4 RS07005 WP 021143809.1     ATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETTDLN   560
NTDB id 324 STU RS16140 WP 011226306.1        VTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN   560
NTDB id 292 STER RS06940 WP 011681419.1       ATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETSDLN   560
consensus                                     *!*!!!!!!!!!!!!!!! !*!*!!!!!!!!!!!!*!!!!!!!!!*!*!!!!!!!!!!!!!!!!!!!!!!! !!!!!!*!*!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  ARYDRYAQAQAWLEDSSLIIPLTVSNGAAPVISRLTPFTGASIQVGDKG..SSYVKYVKSQEKVVTKKEYEQSREKWLKE   638
NTDB id 475 HSISS4 RS07005 WP 021143809.1     ARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKWLKE   639
NTDB id 324 STU RS16140 WP 011226306.1        VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE   640
NTDB id 292 STER RS06940 WP 011681419.1       VRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKWLKE   640
consensus                                      !!!!!!!!!!!!!!!!!!*!!!!!*!!!!!*!!!!!!!!!!!*!!!!!*** *!*!!!!*!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 1131656 H1W90 RS06840 WP 180481060.1  KKASNEKAQKDLEKHVK   655
NTDB id 475 HSISS4 RS07005 WP 021143809.1     KKASNEKAQKDLEKHVK   656
NTDB id 324 STU RS16140 WP 011226306.1        KKESNEKAQKDLEKHVK   657
NTDB id 292 STER RS06940 WP 011681419.1       KKESNEKAQKDLEKHVK   657
consensus                                     !! !!!!!!!!!!!!!!
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X non conserved

X similar

X $\geq$ 50% conserved