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logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  MKKNRVFATAGLVLLAAGVLAACSSSKSSDSSAPKAYGYVYTADPETLDYLISSKNSTTVVTSNGIDGLFTNDNYGNLAP   80
NTDB id 475 HSISS4 RS07005 WP 021143809.1    MKKSKWLALAGVALLSVGALAACSSKSS...TSGTTYGYVYNSDPESLDYITSNTGPTKTAVTNGVDGLMEADKYGNLVP   77
NTDB id 324 STU RS16140 WP 011226306.1       MKKSKWLALAGVALLGVGVLAACSSKSN...TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVP   77
NTDB id 292 STER RS06940 WP 011681419.1     MKKSKWLALAGVALLGVGVLAACSSKSN...TSGTTYGYVYSSDPETLDYITSNTGPTKSVVTNGVDGLMEADKYGNLVP   77
consensus                                    !!!****!*!!**!!**!*!!!!!!**    *****!!!!!**!!!*!!!**!****!*****!!*!!!***!*!!!!*!

logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  AVAEDWEVSKDGLTYTYKIRKGVKWFTSDGEEYAEVTAKDFVNGLKHAADKKSEAMYLAENSVKGLADYLSGTSTDFSTV  160
NTDB id 475 HSISS4 RS07005 WP 021143809.1    SVAEDWSVSQDGLTYTYKIRKGVKWYTSDGEEYADVTAKDFVTGLKHAADGKAGALYLVQDSIAGLSDYLSGANKDFSNV  157
NTDB id 324 STU RS16140 WP 011226306.1       SVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNV  157
NTDB id 292 STER RS06940 WP 011681419.1     SVAEDWSVSKDGLTYTYKIRKGIKWYTSEGEEYANVTAKDFVTGLKHAADSKAGGIYLVQDSIAGLSDYLSGTNKDFSNV  157
consensus                                    *!!!!!*!!*!!!!!!!!!!!!*!!*!!*!!!!!*!!!!!!!*!!!!!!!*!****!!***!**!!*!!!!!***!!!*!

logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  GVKAVDDYTLQYTLNQPEPFWNSKLTYSIFWPLNEEFETSKGSDFAKPTDPTSLLYNGPFLLKGLTAKSSVEFVKNEQYW  240
NTDB id 475 HSISS4 RS07005 WP 021143809.1    GVKAIDDYTLQYTLKKPEPYWNSKTTYGLLSPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELTKNENYW  237
NTDB id 324 STU RS16140 WP 011226306.1       GVKAIDEYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYW  237
NTDB id 292 STER RS06940 WP 011681419.1     GVKAIDDYTLQYTLKQPEPYWNSKTTYSLLFPVNEDFLKNKGKDFGKSTDPTSILYNGPFLLKSLTAKSSIELVKNEHYW  237
consensus                                    !!!!*!*!!!!!!!**!!!*!!!!*!!****!*!!*!***!!*!!*!*!!!!!*!!!!!!!!!*!!!!!!*!**!!!*!!

logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  DKENVHLDTINLAYYDGSDQESLERNFTSGAYSYARLYPTSSNYSKVAEEYKDNIYYTQSGSGIAGLGVNIDRQSYNYTS  320
NTDB id 475 HSISS4 RS07005 WP 021143809.1    DKKNVHFDAIKLSYYDGSDQEALERGFTDGAYSLARVYPTSSNYSSVEKKYKDNIYYTAPGASTSAIGVNIDRQSYKFSA  317
NTDB id 324 STU RS16140 WP 011226306.1       DKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIYYTAPGASTSAIGINLDRQSYKYTA  317
NTDB id 292 STER RS06940 WP 011681419.1     DKKNVHFDAIKFSYYDGSDQDALVRGFTDGAYNFARVFPTSSNYASVEKKYKDNIFYTAPGASTSAIGINIDRQSYKYTA  317
consensus                                    !!*!!!*!*!* *!!!!!!!**! !*!!*!!! *!!**!!!!!! *!***!!!!!*!!**!******!*!*!!!!!****

logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  KTTDSEKVATKKALLNKDFRQALNFALDRSAYSAQINGKDGAALAVRNLFVKPDFVSAGEKTFGDLVAAQLPAYGDEWKG  400
NTDB id 475 HSISS4 RS07005 WP 021143809.1    KKTDAEKTSTKKALLNKDFRQSINFAIDRTAYQSQMNGKDGAALALRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
NTDB id 324 STU RS16140 WP 011226306.1       KKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLAVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
NTDB id 292 STER RS06940 WP 011681419.1     KKTDSEKSSTKKALLNKDFRQAINFAIDRKAYQSQINGKDGATLGVRNLFVPSDFVSAGDKTFGDLVTEKMSSYGDEWSG  397
consensus                                    !*!!*!!**!!!!!!!!!!!!!**!!!*!!*!!**!*!!!!!! !**!!!!!**!!!!!!*!!!!!!!******!!!!!*!

logo
NTDB id 399427 GJE16 RS08760 WP 000742232.1  VNLADGQDGLFNADKAKAEFAKAKKALEADGVQFPIHLDVPVDQASKNYISRIQSFKQSVETVLGVENVVVDIQQMTSDE  480
NTDB id 475 HSISS4 RS07005 WP 021143809.1    VNFTDGQDGLYNAEKAKTEFAKAKETLQADGVQFPIHLDLPVDQSSKINVAQAQSLKQTIEQSLGSDNVVIDVNQLSSDD  477
NTDB id 324 STU RS16140 WP 011226306.1       VNFADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVDQSSKLNVAQAQSLKQTIEKSLGSENVVIDINQLSSDD  477
NTDB id 292 STER RS06940 WP 011681419.1     VNLADSQDGLYNAEKAKTEFAKAKDALQADGVQFPIHLDLPVNQSSKLNVAQVQSLKQTIEKSLGSENVVIDINQLSSDD  477
consensus                                    !! *! !!!!!*!!*!!!*!!!!!!!**!*!!!!!!!!!!!!!*!!*!*!!******!!*!!!**!**!!**!!!*!**!**!!*
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logo

NTDB id 399427 GJE16 RS08760 WP 000742232.1  FLNITYYAANASSEDWDVSGGVSWGPDYQDPSTYLDILKTTSSETTKTYLGFDNPNSPSVVQVGLKEYDKLVDEAAKETS  560
NTDB id 475 HSISS4 RS07005 WP 021143809.1    IQNATLNAANAAAEDWDISNGVIWGPDYQDPSTYLDIFKTTSSENTKTFMGYDDPNNAAAAQVGLKDYDALLDSAASETT  557
NTDB id 324 STU RS16140 WP 011226306.1       LENVTLNAANAAAEDWDISNSVAWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETS  557
NTDB id 292 STER RS06940 WP 011681419.1      LENATLNAANAAAEDWDISNSVGWAPDYQDPSTYLDIFKTTSSENTKAFMGYDDPNNAAAAQVGLKDYDALLNSAASETS  557
consensus                                    **!*!**!!!!**!!!!!*!* !*!*!!!!!!!!!!!!*!!!!!!*!! **!*!*!!*****!!!!!*!!*!* *!!*!!*

logo

NTDB id 399427 GJE16 RS08760 WP 000742232.1  DLNVRYEKYAAAQAWLTDSSLFIPAMASSGAAPVLSRIVPFTGASAQTGSKGS.DVYFKYLKLQDKAVTKEEYEKAREKW  639
NTDB id 475 HSISS4 RS07005 WP 021143809.1    DLNARYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASMQVGDKNS.SDYFKYVKPQEKVVTKKEYEQSREKW  636
NTDB id 324 STU RS16140 WP 011226306.1       DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPAISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW  637
NTDB id 292 STER RS06940 WP 011681419.1      DLNVRYDRYAQAQAWLEDSSLVIPLTVGNGAAPVISRLTPFTGASLQVGDKNSSNDYIKYVKPQEKVVTKKEYEQSREKW  637
consensus                                    !!!*!!**!!*!!!!!*!!!!*!!*****!!!!**!!**!!!!!!*!*!*!*!***! !!*!*!*!*!!!!*!!!**!!!!

logo

NTDB id 399427 GJE16 RS08760 WP 000742232.1  LKEKAESNEKAQKELASHVK  659
NTDB id 475 HSISS4 RS07005 WP 021143809.1    LKEKKASNEKAQKDLEKHVK  656
NTDB id 324 STU RS16140 WP 011226306.1       LKEKKESNEKAQKDLEKHVK  657
NTDB id 292 STER RS06940 WP 011681419.1      LKEKKESNEKAQKDLEKHVK  657
consensus                                    !!!!**!!!!!!!!*!**!!!
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X non conserved

X similar

X $\geq$ 50% conserved