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logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  MLKSIGIKYQLRITTLIPAFLVALLFAVFYNGQFGKDLKQHMSRLGEAYIRQLLPAAQYAMLRHDSRTLQGLINASTINPEVKAL   85
NTDB id 1263 GCO85 RS09730 WP 080450539.1  MLKSIGIKYQLRITTLIPAFLVALLFAFFYNGLFGKDLKQHMSRLGEAYIRQLLPAAQYAMLRNDYRTLQGLINASTINPEVKAL   85
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*! !!!!!!!!!!!!!!!!!!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  AFYNSKGQLLAYRGGKHSIHKPFNPPDFTGDYIESRQINPFTINFIAPITIPKFNLYSNTSFIKTLNPSAFQADDILGWLSIDID  170
NTDB id 1263 GCO85 RS09730 WP 080450539.1  AFYNADGRLIAYRGGKHSIHKPFNPPDYTGDYIESKQINPFTINFIAPITIPKFNLYSSTEFKELSTPKIFQADDILGWLSIDID  170
consensus                                  !!!!  ! !*!!!!!!!!!!!!!!!!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!! ! !     !  !!!!!!!!!!!!!!!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  TQSMLIKRYQMMIVTIFITLFGLLMGLTIHYFLSKQIYVPISRLRRSMKQILSNEFETEIRISSKGELGVIERGCAHLQKQYLST  255
NTDB id 1263 GCO85 RS09730 WP 080450539.1  TQSLLIKRYQMLIVTIFITLFGLLMGLTIHYFLSKRIYMPIARLRRSMKQILSNEFETEIRVSSPGELGIIEKGCAHLQRQYLNT  255
consensus                                  !!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!! !!*!! !!!!!!!!!!!!!!!!!!!!*!!*!!!!*!!*!!!!!!*!!! !

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  IRDLNQHIETATEDLQQSLELLEEKNIELSLDKKKSEEKSRQKSEFIANMSHEIRTPMNGVIGFTNVLLESKLDPLQLDYVKTIK  340
NTDB id 1263 GCO85 RS09730 WP 080450539.1  VRDLNHHIEIATADLQQSLELLEEKNIELSLEKKKTEEKSRQKSEFIANMSHEIRTPMNGVIGFTNVLLESKLDPLQLDYVKTIK  340
consensus                                  *!!!!*!!! !! !!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  SSAQDLLGIINDILDFSKIDAGKLHLDCIPLDIRGCIDEVLALASPNAHKKGIDLIPITEVNVPKTVLGDPFRIKQIISNLITNA  425
NTDB id 1263 GCO85 RS09730 WP 080450539.1  SSAQDLLSIINDILDFSKIDAGKLNLDCIPLDIRGCIDEVLSLASPNAHKKGIDLIPITDINVPKMVLGDPLRIKQIISNLVTNA  425
consensus                                  !!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!**!!!! !!!!! !!!!!!!!!*!!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  VKFTDHGYVLIRTKIEQETEKDYTLCMSITDTGIGISLEDQNKLFTAFNQADTSITRRYGGSGLGLVICKKLCEEMQGRLNLTSE  510
NTDB id 1263 GCO85 RS09730 WP 080450539.1  VKFTDHGYVLIRTKIEQETDKDYTLLFAIADTGIGISPEDQTKLFTAFNQADTSITRRYGGSGLGLVICKKLCEEMHGRISLTSE  510
consensus                                  !!!!!!!!!!!!!!!!!!*!*!!!!!*  ! !!!!!!!*!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!* !!!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  LNKGSTFTARIKVEKLMAYEIEKNQTHRFAHLKILCFDDNSLHLEALCNGLGYWGIECVAVNSFNKLAKALSKNKVCKIAFINVN  595
NTDB id 1263 GCO85 RS09730 WP 080450539.1  INKGSTFSARIKVEKLVAYEIEKNQTHRFAHLKIICFDDNPLHLEAIGNGLGFWGIEAIRVDSFNKLSRILTKHKDCKIAFINVN  595
consensus                                  *!!!!!!*!!!!!!!!*!!!!!!!!!!!!!!!!!!*!!!!!*!!!!!**!!!!*!!!!** ! !!!!! * !*!*! !!!!!!!!!
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logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  QGCEQQVAELMSHYKHLPFVLISKWPIINYAALGAKGFLYKPISIQKLQDLIESINTENFSEKIINHELDSLREQLRFLHPELLI  680
NTDB id 1263 GCO85 RS09730 WP 080450539.1   QGCERQAAELIAKHKQIPFVLISKWPINDFAALGARGFLYKPISIQKLQDLIESIANENQTEKNTNQELDTLREQLRFLHPEILI  680
consensus                                   !!!! ! !!!* **!**!!!!!!!!!!  *!!!!!*!!!!!!!!!!!!!!!!!!!  !! *!!  !*!!!*!!!!!!!!!!!*!!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  AEDNPINKMLLNSLLSDNANVTAVDDGEMAVDSCEEKKYDLILLDLQMPKLNGLDAARVIRQKSLLNKHSPIVLITANSSDLSTV  765
NTDB id 1263 GCO85 RS09730 WP 080450539.1   AEDNPVNKMLLTSLLNNNANITTVDDGEMAVTACEDKKFDMILLDLHMPKLNGLEAAKMIRQKSLMNKHSPIVLITASSSDLSSI  765
consensus                                   !!!!!*!!!!! !!!  !!!*! !!!!!!!!  !!*!!*!*!!!!!*!!!!!!!*!!**!!!!!!*!!!!!!!!!!! !!!!!**

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  DLKKSGVDYCLQKPIDEKQLLIQLLRIVDKAKHTSIDWQLCVQKVSGNQTLAEEFLAKFIEELYKNREEFVHLMNNKNIKALGDA  850
NTDB id 1263 GCO85 RS09730 WP 080450539.1   DMKKSGVDFCFQKPIDEKQLLIQILRIVDKTKHAAIDWQLCVQKVSGNQALAEEFLAKFIEELYKNREEFIELMHQKNVKGLADL  850
consensus                                   !*!!!!!!*! !!!!!!!!!!!!*!!!!!!! !!  !!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!**!!**!!*!*!*!

logo
NTDB id 79294 HRS36 RS05765 WP 173238470.1  AHKLHGACCFCGVPILQKSVMQLEKLARSVTEIKELSSIFAELIQNIDAVISEYEKQYASKT  912
NTDB id 1263 GCO85 RS09730 WP 080450539.1   AHKLHGACCFCGVPILQKRVAQLEKLARRTANADNLAEAFTDLIQSIDAVISEYENQYSQ..  910
consensus                                   !!!!!!!!!!!!!!!!!! ! !!!!!!!       !    ! *!!! !!!!!!!!! !!  **
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X non conserved

X similar

X $\geq$ 50% conserved