```
logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   MVLQRNEINEKDTWDLSTIYPTDQAWEEALKDLTEQLETVAQYEGHLLDSADNLLEITEFSLEMERQMEKLYVYAHMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1     MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                     !  *! ** !! !!!!*!!**!!  !!          !    ! !!!!!!! !!!  !!  * * ! *!!*!!!!*!!!!

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   QDTREAKYQEYYAKAMTLYSQLDQAFSFYEPEFMEISEKQYADFLEAQPKLQVYQHYFDKLLQGKDHVLSQREEELLAGA   160
NTDB id 480 HSISS4 RS02090 WP 002890133.1     QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA   160
consensus                                     !!!  * !!!! !!!  !!!!!  !! **!!!!! * *!  !*! !  ! ! *! !!!**!!  !!!!!!!  !!!!!*!

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   GEIFGSASETFAILDNADIVFPYVLDDDGKEVQLSHGTYTRLMESKKREVRRGAYQALYATYEQFQHTYAKTLQTNVKVQ   240
NTDB id 480 HSISS4 RS02090 WP 002890133.1     GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH   240
consensus                                     !*!!  ***!! *!!!!!!*!!*! !  !  ! !*!! *  !!!!! !**!*!!! !*!*!!!!!!!!!! !!!  !!!*

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   NYRAKVRNYKSARHAALAANFVPESVYDNLVAAVRKHLPLLHRYLELRSKILGISDLKMYDVYTPLSSVEYNFTYQEALK   320
NTDB id 480 HSISS4 RS02090 WP 002890133.1     NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK   320
consensus                                     !! !!!!*! !!!!!!!!!!!!*!!!!!! !*  ! !!!!!!!!!!*!! !*!!* *!!!!!!!!!!!  !   !! ! !!

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   KAEDALAVLGEDYLSRVKRAFSERWIDVYENQGKRSGAYSGGSYDTNAFMLLNWQDNLDNLFTLVHETGHSMHSSYTRET   400
NTDB id 480 HSISS4 RS02090 WP 002890133.1     KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT   400
consensus                                     !!!* !!* !!*!   !* !!*!!!!!!**! !!!!!!!!!! !!!!!!!!!!!!! !!!!!!!!!!!!!!!*!!**!! !

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   QPYVYGDYSIFLAEIASTTNENILTEKLLEEVEDDATRFAILNNFLDGFRGTVFRQTQFAEFEHAIHQADQNGEVLTSDF   480
NTDB id 480 HSISS4 RS02090 WP 002890133.1     QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF   480
consensus                                     !!!!!!!!*!!!!!!!!!!!!!!!!! !! !! !! !!!!!!!**!!!!*!!!!!!!!!!!!!!!!! !!   ! *!! !!

logo
NTDB id 68681 KK0981 RS04795 WP 000244140.1   LNKLYADLNQEYYGLSKEDNPEIQYEWARIPHFYYNYYVYQYSTGFAAASALAEKIVHGSQEDRDRYIDYLKAGKSDYPL   560
NTDB id 480 HSISS4 RS02090 WP 002890133.1     MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL   560
consensus                                     *!!!!!!!!  !! !  !!!*!!!*!! !!!!!! !!!!!!! !!!!!!! !!!!!!!!* !!** !* !!!!! !!!!!
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logo
                                                  NVMRKAGVDMEKEDYLNDAFAVFERRLNEFEALVEKLGLA.
                                                  EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS
NTDB id 68681 KK0981 RS04795 WP 000244140.1  NVMRKAGVDMEKEDYLNDAFAVFERRLNEFEALVEKLGLA.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1    EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                     !**!!!!!!   !!!  !! !!! !! ! !!!!!!  * *

X  non conserved
X  similar
X  ≥ 50% conserved
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