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logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  MVLQRNEINEKDTWDLSTIYPTDQAWEEALKDLTEQLETVAQYEGHLLDSADKLLEITEFSLEMERQIEKLYVYAHMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                      !  *! ** !! !!!!*!!**!!  !!         !     ! !!!!!!!  !!  !!  * * ! *!!*!!!!*!!!!

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  QDTREAKYQEYYAKAMTLYSQLDQAFSFYEPEFMEISEKQYADFLEAQPKLQVYQHYFDKLLQGKDHVLSQREEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALDDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                      !!!  * !!!! !!!  !!!!!  !! **!!!!! * *!  !*! !  ! ! *! !!!**!!  !!!!!!!  !!!!!*!

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  GEIFGSASETFAILDNADIVFPYVLDDDGKEVQLSHGTYTRLMESKKREVRRGAYQALYATYEQFQHTYAKTLQTNVKVQ  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1      GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                      !*!!  ***!! *!!!!!!*!!*! !  !  ! !*!! *  !!!!! !**!*!!! !*!*!!!!!!!!!! !!!  !!!*

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  NYRAKVRNYKSARHAALAANFVPESVYDNLVAAVRKHLPLLHRYLELRSKILGISDLKMYDVYTPLSSVEYSFTYQEALK  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1      NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                      !! !!!!*! !!!!!!!!!!!!*!!!!!! !*  ! !!!!!!!!!!*!! !*!!* *!!!!!!!!!!!  !  !! ! !!

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  KAEDALAVLGEDYLSRVKRAFSERWIDVYENQGKRSGAYSGGSYDTNAFMLLNWQDNLDNLFTLVHETGHSMHSSYTRET  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1      KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                      !!!* !!* !!*!   !* !!*!!!!!!**! !!!!!!!!!! !!!!!!!!!!!!! !!!!!!!!!!!!!!*!!**!! !

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  QPYVYGDYSIFLAEIASTTNENILTEKLLEEVEDDATRFAILNNFLDGFRGTVFRQTQFAEFEHAIHQADQNGEVLTSDF  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1      QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                      !!!!!!!!*!!!!!!!!!!!!!!!!! !! !! !! !!!!!!!**!!!!*!!!!!!!!!!!!!!!! !!  ! *!! !!

logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  LNKLYADLNQEYYGLSKEDNPEIQYEWARIPHFYYNYYVYQYSTGFAAASALAEKIVHGSQEDRDRYIDYLKAGKSDYPL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1      MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                      *!!!!!!!!  !! !  !!!*!!!*!! !!!!!! !!!!!!! !!!!!!! !!!!!!!!* !!** !* !!!!! !!!!!
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logo

NTDB id 1043714 ACD268 RS06310 WP 330789246.1  NVMRKAGVDMEKEDYLNDAFAVFERRLNEFEALVEKLGLA.   600
NTDB id 480 HSISS4 RS02090 WP 002890133.1      EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                       !**!!!!!!   !!!  !! !!! !! ! !!!!!!  * *
```

X non conserved

X similar

X $\geq$ 50% conserved