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logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  MTDNRSHLEEKYTWDLSTIFATDKDWEAEVSDLATEVEASKGFAGHLLDSSANLLKVTKTYLELARRVEKVYVYAHMKND   80
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MSDNRTHLEEKYTWDLTTIFATDADWETEYESTVQDLKKASAYAGHLLDSAKNLLGATELYMSLMRRLEKIYVYASMKND   80
consensus                                    !*!!!*!!!!!!!!!!*!!!!!! !!! !      **    **!!!!!!! !!!  !  !* ! !!*!!*!!!!*!!!!

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  QDTTVAKYQEYQAKASGLYAKFSEVFSFYDPEVMMLHQEDYQAFLTETPELKVYNHFFDKLFQAREHVLSQAEEELLAGA  160
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QDTTVGLYQEYQAKASNLYSQLSEAFAYFEPEFMALLDKKLAEFKEQEPGLGLYDHYFERLLANKDHVLSQEAEELLAAA  160
consensus                                    !!!!!* !!!!!!!!!! !!   !! ! ***!! ! !*     !    ! ! *! !*!**!   **!!!!!  !!!!!*!

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  QEIFNGAEETFSILDNADIVFPIVRNDKGENVELTHGNFISLMESKDRSVRQAAYEAMYSTYEQFQHTYAKTLQTNVKVQ  240
NTDB id 480 HSISS4 RS02090 WP 002890133.1    GDIFNGPTDTFNVLDNADILFPWVSDGQGDVVELTHGNFITLMESKDRDIRKGAYEAMYGTYEQFQHTYAQTLQGVVKVH  240
consensus                                     *!!!!* *!! *!!!!!!*!! !    !* !!!!!!!!!*!!!!!!! *! *!!!!!! !!!!!!!!!! !!!   !!!*

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  NYKARVHKYDSARQAAMAANFIPEAVYDTLLETVNKHLPLLHRYLKLRQKEVLGLDDLKMYDVYTPLSETDLAIGYDEALE  320
NTDB id 480 HSISS4 RS02090 WP 002890133.1    NYQAKVRHYNSARHAALAANFIPESVYDSLLESVNKHLPLLHRYLDLRKKVLGLDELKMYDVYTPLSETETALTYEESLK  320
consensus                                    !! !*!**! !!!*!!*!!!!!!! !!!*!!!*!!!!!!!!!!!!! !!  !!!!!*!!!!!!!!!!!!!* !* !*! !

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  KAEKVLAVFGKDYADRVHRAFTERWIDVHVNKGKRSGAYSGGSYDTNAFMLLNWQDTLDNLYTLVHETGHSLHSTFTRET  400
NTDB id 480 HSISS4 RS02090 WP 002890133.1    KAEEVLAIFGEEYSKGVHAAFTERWIDVHPNKGKRSGAYSGGAYDTNAFMLLNWQDTLDNLFTLVHETGHSLHSTFTRQT  400
consensus                                    !!! !!!*!! *!   !! !!!!!!!!!!*!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!! !

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  QPYVYGDYSIFLAEIASTTNENIMTEALLNEVQDEKERFAILNHYLDGFRGTVFRQTQFAEFEHAIHQADQKGEVLTSEY  480
NTDB id 480 HSISS4 RS02090 WP 002890133.1    QPYVYGDYPIFLAEIASTTNENILTETLLKEVKDDKTRFAILNHYLDGFKGTVFRQTQFAEFEHAIHEADASGQILTADF  480
consensus                                    !!!!!!!!*!!!!!!!!!!!!!!!*!! !! !! !*! !!!!!!!!!!!!*!!!!!!!!!!!!!!!! !!   ! *!! **

logo

NTDB id 326921 EHF40 RS06355 WP 002995768.1  LNQLYADLNEKYYGLSKKDNHFIQYEWARIPHFYYNYYVYQYATGFAAASYLADKIVHGTQDDIDHYLAYLKSGNSDYPL  560
NTDB id 480 HSISS4 RS02090 WP 002890133.1    MNKLYADLNEKYYNLKAEDNYEIQFEWERIPHFYMNYYVYQYATGFAAASYLAEKIVHGTEEDKEAYLTYLKAGSSDYPL  560
consensus                                    *! !!!!!!!!!! !   !!* !!*!! !!!!!! !!!!!!!!!!!!!!!!!!!!*!!!!!! *! **!! !!! ! !!!!!
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logo
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NTDB id 326921 EHF40 RS06355 WP 002995768.1  EVIAKAGVDMAKGDYLEAAFKVFDERLTELEVLVSKGIHKS   601
NTDB id 480 HSISS4 RS02090 WP 002890133.1    EVIKKAGVDMTNTDYLDAAFKVFEDRLVELEALVEKGVHLS   601
consensus                                    !!! !!!!!!   !!!*!!!!!!**!! !!! !! !!*! !
```

X non conserved

X similar

X $\geq$ 50% conserved