```
logo
NTDB id 30853 BPHYT RS02810 WP 012431641.1  MFSFFKRFKGSKESDNAPEESQTTPEGSTP.TA........AVQAPAPVVPAAA.............PVR...VDTPPVAAPSA..   59
NTDB id 1118 NGFG RS11455 WP 003696286.1    MFSFFRRKKKQETPALEEAQVQETAAKVESEVAQIVGNIKEDVESLAESVKGRAESAVETVSGAVEQVKETVAEMPSEAGEAAER   85
consensus                                   !!!!!*! !    *   *   ! !*    ** !******** !  *!* !** !*************!**** * !* !** !**

logo
NTDB id 30853 BPHYT RS02810 WP 012431641.1  IDPEPEPEAFALEETVEVV.PPPLPDAGAKRSWLTRLKTGLSKTS....SNLTGIFVGTKIDEDLYEELETALLMSDAGVDATEF   139
NTDB id 1118 NGFG RS11455 WP 003696286.1    VESAKEAVAETVGEAVGQVQEAVATTEEHKLGWAARLKQGLAKSRDKMAKSLAGVFGGGQIGEDLYEELETVLITGDMGMEATEY   170
consensus                                   *** *!* !  * ! !  !**** *   *!  !  !!! !! !* ****  ! !*! !  ! !!!!!!!!! !*  ! !**!!!*

logo
NTDB id 30853 BPHYT RS02810 WP 012431641.1  LLEALREKVRAERLVDPQQVKTALRTLLVDLLKPLEKSLMLGR.AQPLVMMIAGVNGAGKTTSIGKLAKHLQSFDQSVLLAAGDT   223
NTDB id 1118 NGFG RS11455 WP 003696286.1    LMKDVRGRVSLKGLKDGNELRGALKEALYDLIKPLEKPLVLPETKEPFVIMLAGINGAGKTTSIGKLAKYFQAQGKSVLLAAGDT   255
consensus                                   !*  *! *!    ! !** ** !!*  ! !!*!!!!!*!*!* *  ! !*!*!!*!!!!!!!!!!!!!!* !    !!!!!!!!!

logo
NTDB id 30853 BPHYT RS02810 WP 012431641.1  FRAAAREQLAIWGQRNNVTVVSQESGDPAAVIFDAVGAARARKIDVMMADTAGRLPTQLHLMEELRKVKRVIGKAQDGAPHEVLL   308
NTDB id 1118 NGFG RS11455 WP 003696286.1    FRAAAREQLQAWGGRNNVTVISQTTGDSAAVCFDAVQAAKARGIDIVLADTAGRLPTQLHLMEEIKKVKRVLQKAIPGAPHEIIV   340
consensus                                   !!!!!!!!!  !! !!!!!!*!! *!!*!!!*!!!! !!*!! !!***!!!!!!!!!!!!!!!!!!**!!!!!* !! *!!!!!***

logo
NTDB id 30853 BPHYT RS02810 WP 012431641.1  VIDANTGQNALAQVKAFDDALGLTGLIVTKLDGTAKGGILAAIARQRPIPVYFIGVGEKVEDLQPFSAEEFSDALLGG   386
NTDB id 1118 NGFG RS11455 WP 003696286.1    VLDANIGQNAVNQVKAFDDALGLTGLIVTKLDGTAKGGILAALASDRPVPVRYIGVGEGIDDLRPFDARAFVDALLD.   417
consensus                                   !*!!! !!!!* !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!  !!*!! *!!!!! **!! !! !  ! !!!! *
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X non conserved

X similar

X $\geq$ 50% conserved