```
logo
NTDB id 1086068 UPTC17285 RS01640 WP 087685162.1  MNLSK.KLKKFSGKNVLLLQGPVGGFFRKIATKIP..KAKVYKVNFNGGDFFFYPFKSINYTKSLAELEDFYKKLFEEKQ   77
NTDB id 1240 Cj1413c YP 002344796.1               MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAVKMRKNQTKVFKLNFNGGDFFFYPSGTRC.KCDEKDLENFYRDFFQNKK   79
consensus                                         !  ! *  ! !!!!!!!!!!!!!! !!***! !****  !!*!*!!!!!!!!!!!  * ** *   *!! !!*  !  !

logo
NTDB id 1086068 UPTC17285 RS01640 WP 087685162.1  IQVILMYNDCRKVHEIAISVAKQMGIEVWIFEEGYIRPNFITFEKDGVNANSTLPREKEFYLSQKKFDKDFKFKTFSSAF  157
NTDB id 1240 Cj1413c YP 002344796.1               IDAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKE.SIKEIPGGF  158
consensus                                         !  !!!!!!!! *!  !! !!! *!!!*!!!!!!*!! *!! !!!!!!!!!*!!!*! !!!!!  ! !**  !  * *!

logo
NTDB id 1086068 UPTC17285 RS01640 WP 087685162.1  RNMAFASFLYWFFAFLFSWYFNNSLHHRSLKLFDFLPWLCSVYRKNKYKITEKSLNGKILSLKQKYFLAILQVHNDTQLS  237
NTDB id 1240 Cj1413c YP 002344796.1               KFMAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIK  238
consensus                                         * !!!  !!!! !!!*  **!!! !!!!*! *!*!!*! *!*!!!  !!!!!! !! !!  !  !!!!!!!!!* !!!*

logo
NTDB id 1086068 UPTC17285 RS01640 WP 087685162.1  HHYKKTTEKFIEEVIVSFANHAKAKSYLVFKHHPMDRGYRNYTKFIEDLSLKYNVEGRILYVHDLHLPTLLINARGTIVI  317
NTDB id 1240 Cj1413c YP 002344796.1               YHYKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYFKLINDLSRKYHVEGRVLYVHDTHLPVLLRKALGCITI  318
consensus                                         *!!!!* !*!!!! !*!!!!!!*!!!!!!!!!!!!!!!!* ! ! ! !!! !!*!!!!*!!!!! !!! !!  ! !*! !

logo
NTDB id 1086068 UPTC17285 RS01640 WP 087685162.1  NSTVGLSALYHNSPLKVMGKAFYDIEGLTYQKSLHTFWKECRAYKPDVVLHAKFRNYVIYKTQVNGNFFKNTSLD.  392
NTDB id 1240 Cj1413c YP 002344796.1               NSTVGLSAILEGCPTKVCGNAFYNFEGLSYPKKLQFFWREAHAYKPNPVLVCNFKKYLLQTNQFNGNFYKNFFLDK  394
consensus                                         !!!!!!!!* * *! !!*! !!!  !!!*!*! !* !!*!**!!!! *!!** !* !**   ! !!!!*!!  !!*
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X non conserved

X similar

X ≥ 50% conserved