```
logo
NTDB id 1081317 UPTC16711 RS01545 WP 257939168.1  MNLSK.KLKKFSGKNVLLLQGPVGGFFRKIATKI..PQAKVYKVNFNGGDFFFYPFKSINYTKSLADLEDFYKKLFEEKQ   77
NTDB id 1240 Cj1413c YP 002344796.1               MRFSTKIKKEFSGKNVLLLQGPVGNFFHHLAVKMRKNQTKVFKLNFNGGDFFFYPSGTR.CKCDEKDLENFYRDFFQNKK   79
consensus                                         !  ! *  ! !!!!!!!!!!!!!! !!***! !****! !!*!*!!!!!!!!!!!  * ** *   !!! !!*  !  !

logo
NTDB id 1081317 UPTC16711 RS01545 WP 257939168.1  IQVIIMYNDCRKVHEIAISVAKQMGIEVWIFEEGYIRPNFITFEKDGVNANSTLPREKEFYLSQNKITKE.SIKTISSTF  157
NTDB id 1240 Cj1413c YP 002344796.1               IDAILMYNDCRIIHAKAIKVAKELGIEIWIFEEGYLRPYCITLEKDGVNANSSLPRDKNFYLSQNIFTKE.SIKEIPGGF  158
consensus                                         !  !*!!!!!! *!  !! !!! *!!!*!!!!!!*!! *!! !!!!!!!!!*!!!*! !!!!!    !**  !  *  !

logo
NTDB id 1081317 UPTC16711 RS01545 WP 257939168.1  RNMAFASFLYWFFAFLFSWYFNNSLHHRSLKLFDFLPWLCSVYRKNKYKITEKSLNEKILSLKQKYFLAILQVHNDTQLS  237
NTDB id 1240 Cj1413c YP 002344796.1               KFMAFDAFLYWLFAFILAPFFNNKLHHRTLYPFEFLFWFRSLYRKYLYKITEKKLNEKIYNLEKKYFLAILQVYSDTQIK  238
consensus                                         * !!!  !!!! !!!*  **!!! !!!!*! *!*!!*! *!*!!!  !!!!!! !!!!!  !  !!!!!!!!!* !!!*

logo
NTDB id 1081317 UPTC16711 RS01545 WP 257939168.1  HHYKKTTEKFIEEVIISFANHAKAKSYLVFKHHPMDRGYRDYAKLIEDLSLKYNVEGRILYVHDLHLPTLLINTRGTIVI  317
NTDB id 1240 Cj1413c YP 002344796.1               YHYKKSIEHFIEETILSFANHARAKSYLVFKHHPMDRGYKNYFKLINDLSRKYHVEGRVLYVHDTHLPVLLRKALGCITI  318
consensus                                         *!!!!* !*!!!! !*!!!!!!*!!!!!!!!!!!!!!!!* ! !!! !!! !!*!!!!*!!!!! !!! !!    !*! !

logo
NTDB id 1081317 UPTC16711 RS01545 WP 257939168.1  NSTVGLSALYHNSPLKVMGKAFYDIEGLTYQKSLHTFWKECRAYKPDVVLHAKFRNYVIYKTQVNGNFFKNTSLD.  392
NTDB id 1240 Cj1413c YP 002344796.1               NSTVGLSAILEGCPTKVCGNAFYNFEGLSYPKKLQFFWREAHAYKPNPVLVCNFKKYLLQTNQFNGNFYKNFFLDK  394
consensus                                         !!!!!!!!* * *! !!*! !!!  !!!*!*! !* !!*!**!!!! *!!** !* !**   ! !!!!*!!  !!*
```

X non conserved

X similar

X ≥ 50% conserved