```
logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  MLKAKTRWEVERLDEQTVRRLAEEAGVTPLLARLLVRRGVRTASSEAAAFLNPLRQPFHDPFLLDGMERAIQRLKRAIDAG   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!  ! !!!* !*!   !* ! !  **!!!*! !!!*!!  !!  !  !!**   *!*!!! * !!  !  !*! !!

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  ERVLVYGDYDADGVCSTSVMVSALKEAGASVEFYIPNRFTEGYGPNMAAFRSAKERGVSVIVTVDNGIAAVKEIAAANEW  160
NTDB id 354 BSU 27620 NP 390640.1            EKIMIYGDYDADGVTSTSVMLHTLQKLSAQVDFYIPDRFKEGYGPNEQAFRSIKERGFSLIITVDTGIAAVHEAKVAKEL  160
consensus                                    !****!!!!!!!!!*!!!!!** !    ! !*!!!! !! !!!!!!  !!!! !!!! !*!*!!! !!!!!*!   ! !

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  GMDVIVTDHHEPGPVLPEAHAIIHPKQPGSTYPFRDLAGVGVAFKVAHALLGRVPRHLLDLVAIGTIADLVPLVGENRLF  240
NTDB id 354 BSU 27620 NP 390640.1            GLDVIITDHHEPGPELPDVRAIVHPKQPGCTYPFKELAGVGVAFKLAHALLGELPDELLDLAAIGTIADLVPLHDENRLI  240
consensus                                    !*!!!*!!!!!!!! !!* *!!*!!!!!!*!!!!**!!!!!!!!!*!!!!!! *! *!!!! !!!!!!!!!!!* !!!!

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  VAHGLEALRATERIGLRALFRQCRINAAAINEQTVGFVIAPRLNAAGRLGGADPAVALLMTDDENEAVQLAAEMDELNRE  320
NTDB id 354 BSU 27620 NP 390640.1            ATLGLERLRRTNRLGLKELIKLSGGDIGEANEETVGFQLAPRLNAVGRIEQADPAVHLLMSEDSFEAEELAAEIDQLNKE  320
consensus                                      *!!! !! ! !*!!* ! * *    *  !! !!!! *!!!!!! !!*  !!!!!*!!!**!  !!  !!!!*! !!*!

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  RQQLVAQIAEEAADMVRRQFPPEEHRVLVVAGEGWNAGVVGIVASKLVEQFYRPAVVLSIDQEKGIAKGSARSIHGFDLF  400
NTDB id 354 BSU 27620 NP 390640.1            RQKMVSKMTDEAIEMVEQQGL..DQTAIVVAKAGWNPGVVGIVASKLVDRFYRPAIVLGIDEEKGIAKGSARSIRGFNLF  398
consensus                                    !! *!  * *!! *!!  ! *****  *!!!  !!!*!!!!!!!!!!!* !!!!!*!! !! !!!!!!!!!!!!*!! !!

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  ASLSQCRDLLPHFGGHPMAAGMTLALDDVEELRQRLNAIAAETLSEDDFTPPTFIDASCSIAELTLDAARGLERFAPFGV  480
NTDB id 354 BSU 27620 NP 390640.1            ESLSECRDILPHFGGHPMAAGMTLKAEDVPDLRSRLNEIADNTLTEEDFIPVQEVDLVCGVEDITVESIAEMNMLSPFGM  478
consensus                                     !!!  !!!*!!!!!!!!!!!!!!!  *!!**!! !!! !!  !!*!*!! !*  *!  ! * **!**    *    !!!*

logo
NTB id 173594 A0V43 RS10765 WP 063193854.1  GNPRPLVLIEGASVETMRRVGANGAHMKAVFSQDGAAIDAIGFGLGPLCEEIAPDARISAVGELSVNEWNGFAKPQLSLC  560
NTB id 354 BSU 27620 NP 390640.1            LNPKPHVLVENAVLEDVRKIGANKTHVKMTIRNESSQLDCVGFNKGELQEGIVPGSRISIVGEMSINEWNNRKKPQLMIK  558
consensus                                    !!*!*!!*! ! *! *!**!!!  !*!    **   *!**!!  !*!*! ! !  !!! !!!*!*!!!!   !!!! **
```

```
logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  DLAVSDCQLFDVRGCRDVRPLLERLPKEKRLVVSFRCKTGQRPDVAPFRGELHCVPTEEEAGALSIDDRYVVLLDVPPRL   640
NTDB id 354 BSU 27620 NP 390640.1            DAAVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSL   638
consensus                                    ! !!!**!!!!*!!*!   * *  !!  !! *!!!** *   *   * ! !*!**** * ! !  *!  !*!!!!*!! !

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  ALLSALLGSGRPARIYAVFAQPEAQFFRTFPTREHFKWFYAFLHQHRSFPLAKRGGELARARGWTEETVHFMAKVFLELD   720
NTDB id 354 BSU 27620 NP 390640.1            DMLARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLG   718
consensus                                     *!  !!    ! !!! *! * ! *!  !!! !*!!!!*!!!!* *  !** !*! !!!***!!* !!**!! !!! *!

logo
NTDB id 173594 A0V43 RS10765 WP 063193854.1  FISEQNGVISLVHQPAKRDLHESPTYRRRRDELEAEHQLVYSTYEQLKRCLAEMTRSQTHEEANVSWT   788
NTDB id 354 BSU 27620 NP 390640.1            FVKIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                    !*   !!!*!*!* * !!!!**!*!!  *   *! ** ! !!* ! !! *!  * *  **       !
```

X non conserved

X similar

X $\geq$ 50% conserved