```
logo

NTDB id 409341 GPY14 RS06850 WP 031378915.1  MLASKMRWEIQQPDQEKVKSLTEQLDITPLVASLLVKRGFDTAESARLFLHTKDADFYDPYELKGMREAVDRIKLAVSQG   80
NTDB id 354 BSU 27620 NP 390640.1            MLASKMRWEIQRPDQDKVKSLTEQLHITPLVASLLVKRGFDTAESARLFLHTKDADFYDPFEMKGMKEAADRIKQAISQQ   80
consensus                                    !!!!!!!!!!! !!!*!!!!!!!!!*!!!!!!!!!
```

```
logo

NTDB id 409341 GPY14 RS06850 WP 031378915.1  AVPEWQLFDIRGKRTWEDTVTALPKEKRVLISFNEKTAQKLRAKELSGELAGITSESEAEALQLDGKYAVFLDVPPSADR   640
NTDB id 354 BSU 27620 NP 390640.1            AVSEWQLFDLRGKRTWEDTVSALPSAKRAIVSFKEDSTTLLQTEDLRREVHVISSKDQAKAFDLDGAYIVLLDPPPSLDM   640
consensus                                    !!*!!!!!!*!!!!!!!!!!*!!!  !! **!! ! *   !   *!  !** !*!   ! !  !!! ! ! !!*!!! !

logo

NTDB id 409341 GPY14 RS06850 WP 031378915.1  LQHLLDGKKPERIYFYFLNHEEHFLSSFPSRNDFKWFYAFLLKRGAFDFGKHGSELARHRGWSIDTINFMTKVFFDLGFV   720
NTDB id 354 BSU 27620 NP 390640.1            LARLLEGKAPERIYFIFLNHEDHFLSTFPARDHFKWYYAFLLKRGAFDVKKHGSELAKHKGWSVETINFMTKVFFDLGFV   720
consensus                                    ! *!!*!! !!!!!!*!*!!!*!!!!*!! ! *!!!*!!!!!!!!!!  !!!!!!!*!*!!!**!!!!!!!!!!!!!!!

logo

NTDB id 409341 GPY14 RS06850 WP 031378915.1  KIEDGVLSVVSGAKKRDLADSQTYQVKQQLMELDQKLNYSAAHELKEWLNKLMNQGSEAYESTRRT   786
NTDB id 354 BSU 27620 NP 390640.1            KIENGVLSVVSGAKKRDLTDSQTYQAKQQLMELDQKLNYSSAEELKEWLNKLMKQDSEAYESTRRT   786
consensus                                    !!! !!!!!!!!!!!!!! !!!!!! !!!!!!!!!!!!!! !*!!!!!!!!!! ! !!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved