```
logo

NTDB id 1135646 DQL55 RS00890 WP 039643664.1  MSVRFYNHILSDVCIYVLMLMLFLFISLIYDFETEAYILTLSVSLFVFSLYIIVKWTYFKKQETLKQTNERLASELQHVK   80
NTDB id 8 SA RS13860 WP 000143425.1           ..MTFLKSITQEIAIVIVIFALFGLMFYLYHLPLEAYLLALGVILLLLLIFIGIKYLSFVKTISQQQQIENLETALYQLK   78
consensus                                     *** !  *!  ***! ***  !!  *  *!* * !!!*! ! ! ! *  **! *!*  ! !  *  !  ! ! * ! **!

logo

NTDB id 1135646 DQL55 RS00890 WP 039643664.1  MMHRAYQRDLEHYFLTWVHQIKTPITASKLLLERNEAGMVNRVRQEITEIENYTNLALNYLKLLSHETDMVVQKVALDDI   160
NTDB id 8 SA RS13860 WP 000143425.1           NEQIEYKNDVESYFLTWVHQMKTPITAAQLLLERDEPNVVNRVRQEVIQIDNYTSLALSYLKLLNETSDISVTKISINNI   158
consensus                                       *  !  !*!*!!!!!!!!*!!!!!!  !!!!! !* *!!!!!!!*  !*!!! !!! !!!!! * *!* ! !* *  !

logo

NTDB id 1135646 DQL55 RS00890 WP 039643664.1  VKPLIQRYALHFIEHRTRIHTEHLHCTVTTDAQWTKIMIEQILNNALKYAKGGDIWIEFDAHKQQLTIKDNGMGISKADL   240
NTDB id 8 SA RS13860 WP 000143425.1           IRPIIMKYSIQFIDQKTKIHYEPCHHEVLTDVRWTSLMIEQLINNALKYARGKDIWIEFDEQSNQLHVKDNGIGISEADL   238
consensus                                     **!*! *! **!!***!*!! ! *!  ! !!  !! *!!!!**!!!!!!!*! !!!!!!! * *!!**!!!!*!!! !!!

logo

NTDB id 1135646 DQL55 RS00890 WP 039643664.1  PKIFEKGYSGTNGRLNDKSSGIGLFIVKEISEKLQHPITVQSELGVLTQFTIQFPKTSHLTIM   303
NTDB id 8 SA RS13860 WP 000143425.1           PKIFDKGYSGYNGQRQSNSSGIGLFIVKQISTHTNHPVSVVSKQNEGTTFTIQFPDE......   295
consensus                                     !!!!*!!!!! !!  *  !!!!!!!!!! !! * *!!**! !     ! !!!!!!  ******
```

X non conserved

X similar

X $\geq$ 50% conserved