```
logo

NTDB id 313181 Ahae5227 RS14745 WP 008942322.1  MWNKINFRTQMTSFWWQDPIFVGAVVIAVMVHGLVLTTQFSMPSPTDTSTKEIAVSVRPSQDKVEHADFLAQTDQQGSGE   80
NTDB id 1078 ABD1 RS15030 WP 000914774.1        MLKKRSLSIEPFYYWWQDRVFIAAIILAILLHIFVLLIHFAMPAPSEQSTKEIAISIRPTEDVIKHADFLAQADQQGSGA   80
consensus                                       !  !       *  *!!!!**!**!***!***!  !!  *! !! !** !!!!!!*!*!!* ! * !!!!!!! !!!!!!

logo

NTDB id 313181 Ahae5227 RS14745 WP 008942322.1  FHQAHRMSSDMPTPMQSDATTGEHELESLETIQQKRELLFEEKVLMTVLSWQKQAEQNERKKALEELQSQFQAKAAMVAS  160
NTDB id 1078 ABD1 RS15030 WP 000914774.1        FREAHRMSSNSPAPMPSDASTGEAQLETLEKVQQQRELKFEEKVLMTVLSWQKQAEESQRKKALEQLQSQFQAKAAMVAS  160
consensus                                       !* !!!!!!  ! !!*!!!*!!!* !!*!! *!! !!! !!!!!!!!!!!!!!!!!!  !!!!!! !!!!!!!!!!!!!!

logo

NTDB id 313181 Ahae5227 RS14745 WP 008942322.1  LEAQYLQRQQNFSRKQRIKTVDGIQAKQDASAAYLDKFRQKVELYGNRYYPDAAKQQRLAGEVRLMVILNAQGGIRAIRL  240
NTDB id 1078 ABD1 RS15030 WP 000914774.1        LEAQYLQRQQDFSRQQKIKTVDGIQAKKDASAAYLDKFREKVELYGNRYYPEEAKQQQLKGEVRLMVILNAQGGIRAIRL  240
consensus                                       !!!!!!!!!! !!! !*!!!!!!!!!! !!!!!!!!!!! !!!!!!!!!!!* !!!! ! !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 313181 Ahae5227 RS14745 WP 008942322.1  IESSGHPILDEAARASVRRGAPFGAFDSSMKDISELRIIRTWRFDPVDAEFEVH  294
NTDB id 1078 ABD1 RS15030 WP 000914774.1        LESSGHPVLDEAAKASVRRGAPFGRFDANMKDISELRIIRTWRFDPAEAEFEVH  294
consensus                                       *!!!!!!*!!!!!*!!!!!!!!!! !!  !!!!!!!!!!!!!!!!!! *!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved