```
logo

NTDB id 313081 AhaeAN4 RS02755 WP 008942322.1  MWNKINFRTQMTSFWWQDPIFVGAVVIAVMVHGLVLTTQFSMPSPTDTSTKEIAVSVRPSQDKVEHADFLAQTDQQGSGE   80
NTDB id 1078 ABD1 RS15030 WP 000914774.1       MLKKRSLSIEPFYYWWQDRVFIAAIILAILLHIFVLLIHFAMPAPSEQSTKEIAISIRPTEDVIKHADFLAQADQQGSGA   80
consensus                                      !  !       *  *!!!!**!**!***!***!  !!  *! !! !** !!!!!!*!*!!* ! * !!!!!!! !!!!!!

logo

NTDB id 313081 AhaeAN4 RS02755 WP 008942322.1  FHQAHRMSSDMPTPMQSDATTGEHELESLETIQQKRELLFEEKVLMTVLSWQKQAEQNERKKALEELQSQFQAKAAMVAS  160
NTDB id 1078 ABD1 RS15030 WP 000914774.1       FREAHRMSSNSPAPMPSDASTGEAQLETLEKVQQQRELKFEEKVLMTVLSWQKQAEESQRKKALEQLQSQFQAKAAMVAS  160
consensus                                      !* !!!!!!  ! !!*!!!*!!!* !!*!! *!! !!! !!!!!!!!!!!!!!!!!!  !!!!!! !!!!!!!!!!!!!!

logo

NTDB id 313081 AhaeAN4 RS02755 WP 008942322.1  LEAQYLQRQQNFSRKQRIKTVDGIQAKQDASAAYLDKFRQKVELYGNRYYPDAAKQQRLAGEVRLMVILNAQGGIRAIRL  240
NTDB id 1078 ABD1 RS15030 WP 000914774.1       LEAQYLQRQQDFSRQQKIKTVDGIQAKKDASAAYLDKFREKVELYGNRYYPEEAKQQQLKGEVRLMVILNAQGGIRAIRL  240
consensus                                      !!!!!!!!!!! !!! !*!!!!!!!!!! !!!!!!!!!!! !!!!!!!!!!!* !!!! ! !!!!!!!!!!!!!!!!!!!!

logo

NTDB id 313081 AhaeAN4 RS02755 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