```
logo

NTDB id 42973 BDGL 002491 YP 004996759.1  MLNKRSLSIEPFHHWWQDRVFIAATILAILLHIFVLLIHFAMPSPSEQSTKEIAISIRPSNEPVHQADFLAQADQQGSGAFREAH   85
NTDB id 1078 ABD1 RS15030 WP 000914774.1  MLKKRSLSIEPFYYWWQDRVFIAAIILAILLHIFVLLIHFAMPAPSEQSTKEIAISIRPTEDVIKHADFLAQADQQGSGAFREAH   85
consensus                                 !! !!!!!!!!!**!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!* *****!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 42973 BDGL 002491 YP 004996759.1  RTSSDTPNPMLNDASTGDTELESLQKIHQQRELKFEEKVLMTVLSWQKQADASQRNKELEQLQSQFQAKAAMVASLEAQYLQRQQ   170
NTDB id 1078 ABD1 RS15030 WP 000914774.1  RMSSNSPAPMPSDASTGEAQLETLEKVQQQRELKFEEKVLMTVLSWQKQAEESQRKKALEQLQSQFQAKAAMVASLEAQYLQRQQ   170
consensus                                 ! !! *! !!* !!!!!*  !!*! !**!!!!!!!!!!!!!!!!!!!!!!!!* !!! ! !!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 42973 BDGL 002491 YP 004996759.1  DFSRQQKIKTVDGIQAKKDASAIYLDKFREKVELYGNRYYPEEAKQQQLRGEVRLMVILNAQGGIRAIRLLESSGHSILDEAAKS   255
NTDB id 1078 ABD1 RS15030 WP 000914774.1  DFSRQQKIKTVDGIQAKKDASAAYLDKFREKVELYGNRYYPEEAKQQQLKGEVRLMVILNAQGGIRAIRLLESSGHPVLDEAAKA   255
consensus                                 !!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!!!!!!

logo

NTDB id 42973 BDGL 002491 YP 004996759.1  SVRRGAPFGHFDANMKDISELRIVRTWRFDPAEAEFEVH   294
NTDB id 1078 ABD1 RS15030 WP 000914774.1  SVRRGAPFGRFDANMKDISELRIIRTWRFDPAEAEFEVH   294
consensus                                 !!!!!!!!!*!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved