```
logo

NTDB id 177086 IEC338SC RS02320 WP 063097842.1  MLNKRSLSIEPFHHWWQDRVFIAATILAILLHIFVLLIHFAMPSPSEQSTKEIAISIRPSNEPVHQADFLAQADQLGSGV   80
NTDB id 1078 ABD1 RS15030 WP 000914774.1        MLKKRSLSIEPFYYWWQDRVFIAAIILAILLHIFVLLIHFAMPAPSEQSTKEIAISIRPTEDVIKHADFLAQADQQGSGA   80
consensus                                       !! !!!!!!!!!**!!!!!!!!!! !!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!* *****!!!!!!!!!! !!!

logo

NTDB id 177086 IEC338SC RS02320 WP 063097842.1  FREAHRTSSDTPNPMLNDASTGDTELESLQKIQQQRELKFEEKVLMTVLSWQKQADASQRKKELEQLQSQFQAKAAMVAS  160
NTDB id 1078 ABD1 RS15030 WP 000914774.1        FREAHRMSSNSPAPMPSDASTGEAQLETLEKVQQQRELKFEEKVLMTVLSWQKQAEESQRKKALEQLQSQFQAKAAMVAS  160
consensus                                       !!!!!! !! *! !!* !!!!!*  !!*! !*!!!!!!!!!!!!!!!!!!!!!!!!!* !!!!!! !!!!!!!!!!!!!!!!!!

logo

NTDB id 177086 IEC338SC RS02320 WP 063097842.1  LEAQYLQRQQDFSRQQKIKTVDGIQAKKDASAIYLDKFREKVELYGNRYYPEEAKQQQLKGEVRLMVILNAQGGIRAIRL  240
NTDB id 1078 ABD1 RS15030 WP 000914774.1        LEAQYLQRQQDFSRQQKIKTVDGIQAKKDASAAYLDKFREKVELYGNRYYPEEAKQQQLKGEVRLMVILNAQGGIRAIRL  240
consensus                                       !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!! !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

logo

NTDB id 177086 IEC338SC RS02320 WP 063097842.1  LESSGHPVLDEAAKSSVRRGAPFGHFDANMKDISELRIVRTWRFDPAEAEFEVH  294
NTDB id 1078 ABD1 RS15030 WP 000914774.1        LESSGHPVLDEAAKASVRRGAPFGRFDANMKDISELRIIRTWRFDPAEAEFEVH  294
consensus                                       !!!!!!!!!!!!!!! !!!!!!!!!!*!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X $\geq$ 50% conserved