

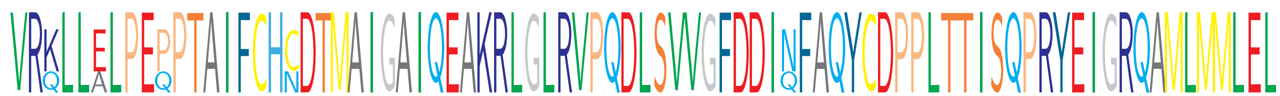
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logo
NTDB id 330522 EHC69 RS01370 WP 005481416.1   .............MATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEDAVLEAGYSPNSLARNLRRNESKTIVTIVP   67
NTDB id 1290 VP RS01235 WP 254894148.1        MTSSWQKFERLNTMATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEDAVLEAGYSPNSLARNLRRNESKTIVTIVP   80
NTDB id 1158 ABDM36 RS01105 WP 000224452.1    .............MATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEEAVLEAGYSPNSLARNLRRNESKTIVAIVP   67
consensus                                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!
```



```
logo
NTDB id 330522 EHC69 RS01370 WP 005481416.1   DICDPYFSEIIRGIEDAAMEHGYLVLLGDSGQQKKRESSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEF   147
NTDB id 1290 VP RS01235 WP 254894148.1        DICDPYFSEIIRGIEDAAMEHGYLVLLGDSGQQKKRESSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEF   160
NTDB id 1158 ABDM36 RS01105 WP 000224452.1    DICDPYFSEIIRGIEDAAMEHGYLVLLGDSGQQKRRENSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEF   147
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



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logo
NTDB id 330522 EHC69 RS01370 WP 005481416.1   APELELPTVHIDNLTSAFEAVNYLTQLGHKRIAQISGPDTAVLCQFRQQGYQQALRRAGISKDPQYSVITEFSFDGGAKA   227
NTDB id 1290 VP RS01235 WP 254894148.1        APELELPTVHIDNLTSAFEAVNYLTQLGHKRIAQISGPDTAVLCQFRQQGYQQALRRAGISKDPQYSVITEFSFDGGAKA   240
NTDB id 1158 ABDM36 RS01105 WP 000224452.1    APELELPTVHIDNLTSAFEAVNYLTQLGHKRIAQISGPQHAALCQFRHQGYQQALRRAGITMNPTYCTFGDFTFEAGAKA   227
consensus                                     !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!*!!!!!*!!!!!!!!!!!!***!*!*****!*!**!!!!
```



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logo
NTDB id 330522 EHC69 RS01370 WP 005481416.1   VRKLLELPEPPTAIFCHCDTMAIGAIQEAKRLGLRVPQDLSVVGFDDINFAQYCDPPLTTISQPRYEIGRQAMLMMLELL   307
NTDB id 1290 VP RS01235 WP 254894148.1        VRKLLELPEPPTAIFCHCDTMAIGAIQEAKRLGLRVPQDLSVVGFDDINFAQYCDPPLTTISQPRYEIGRQAMLMMLELL   320
NTDB id 1158 ABDM36 RS01105 WP 000224452.1    VRQLLALPEQPTAIFCHNDTMAIGAIQEAKRLGLRVPQDLSVVGFDDIQFAQYCDPPLTTISQPRYEIGRQAMLMMLELL   307
consensus                                     !!*!!*!!!*!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```



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logo
NTDB id 330522 EHC69 RS01370 WP 005481416.1   KGHDVHSGSRLLETKLVVRGSAAPPQRA   335
NTDB id 1290 VP RS01235 WP 254894148.1        KGHDVHSGSRLLETKLVVRGSAAPPQRA   348
NTDB id 1158 ABDM36 RS01105 WP 000224452.1    RGHDVRAGSRLLETKLVVRESAAPPSKK   335
consensus                                     *!!!!**!!!!!!!!!!!!!*!!!!!***
```

X non conserved

X similar

X $\geq 50\%$ conserved