logo

```
NTDB id 1158 ABDM36 RS01105 WP 000224452.1  ............MATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEEAVLEAGYSPNSLARNLRRNESKTIVAIVPDICDP   72
NTDB id 50396 M2042 RS01205 WP 254901949.1  ......MNERLKTMATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEDAVLEAGYSPNSLARNLRRNESKTIVTIVPDICDP   79
NTDB id 1290 VP RS01235 WP 254894148.1      MTSSWQKFERLNTMATMKDVAQLAGVSTATVSRALMNPEKVSSSTRKRVEDAVLEAGYSPNSLARNLRRNESKTIVTIVPDICDP   85
consensus                                      *** *!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!
```

logo

```
NTDB id 1158 ABDM36 RS01105 WP 000224452.1  YFSEIIRGIEDAAMEHGYLVLLGDSGQQKKRRENSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEFAPELELPTVH   157
NTDB id 50396 M2042 RS01205 WP 254901949.1  YFSEIIRGIEDAAMEHGYLVLLGDSGQQKKRESSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEFAPELELPTVH   164
NTDB id 1290 VP RS01235 WP 254894148.1      YFSEIIRGIEDAAMEHGYLVLLGDSGQQKKRESSFVNLVFTKQADGMLLLGTDLPFDVSKPEQKNLPPMVMACEFAPELELPTVH   170
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

logo

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NTDB id 1158 ABDM36 RS01105 WP 000224452.1  IDNLTSAFEAVNYLTQLGHKRIAQISGPQHAALCQFRHQGYQQALRRAGITMNPTYCTFGDFTFEAGAKAVRQLLALPEQPTAIF   242
NTDB id 50396 M2042 RS01205 WP 254901949.1  IDNLTSAFEAVNYLTQLGHKRIAQISGPDTATLCQFRQQGYQQALRRAGINKDPQYSVITEFSFDGGAKAVRKLLELPEPPTAIF   249
NTDB id 1290 VP RS01235 WP 254894148.1      IDNLTSAFEAVNYLTQLGHKRIAQISGPDTAVLCQFRQQGYQQALRRAGISKDPQYSVITEFSFDGGAKAVRKLLELPEPPTAIF   255
consensus                                   !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!**!*!!!!!*!!!!!!!!!!!!!*!**!*!*****!*!**!!!!!!*!!*!!!*!!!!!
```

logo

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NTDB id 1158 ABDM36 RS01105 WP 000224452.1  CHNDTMAIGAIQEAKRLGLRVPQDLSVVGFDDIQFAQYCDPPLTTISQPRYEIGRQAMLMMLELLRGHDVRAGSRLLETKLVVRE   327
NTDB id 50396 M2042 RS01205 WP 254901949.1  CHCDTMAIGAIQEAKKLGLRVPQDLSVVGFDDINFAQYCDPPLTTISQPRYEIGRQAMLMMLEMLKGHDVHSGSRLLETNLVIRG   334
NTDB id 1290 VP RS01235 WP 254894148.1      CHCDTMAIGAIQEAKRLGLRVPQDLSVVGFDDINFAQYCDPPLTTISQPRYEIGRQAMLMMLELLKGHDVHSGSRLLETKLVVRG   340
consensus                                   !!*!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!*!!!!**!!!!!!!*!!*!*
```

logo

```
NTDB id 1158 ABDM36 RS01105 WP 000224452.1  SAAPPSKK   335
NTDB id 50396 M2042 RS01205 WP 254901949.1  SAAPPQRP   342
NTDB id 1290 VP RS01235 WP 254894148.1      SAAPPQRA   348
consensus                                   !!!!!**
```

X non conserved
X similar
X ≥ 50% conserved