```
NTDB id 47894 NMBG2136 RS01555 WP 002224844.1   MKSRHLALGVAALFALAACDSKVQTSVPADSAPAA.SAAAAPAGLVEGQNYTVLANPIPQQQAGKVEVLEFFGYFCPHCA   79
NTDB id 1098 NMB RS01465 WP 002224844.1         MKSRHLALGVAALFALAACDSKVQTSVPADSAPAA.SAAAAPAGLVEGQNYTVLANPIPQQQAGKVEVLEFFGYFCPHCA   79
NTDB id 1099 NMB RS01545 WP 002215704.1         MKLKTLALTSLTLLALAACSKQAETSVPADSAQSSSSAPAAPAELNEGVNYTVLSTPIPQQQAGKIEVLEFFGYFCPHCA   80
consensus                                       !!***!!!****!*!!!!!*****!!!!!!!!*** !!*!!!!*!*!!*!!!!!**!!!!!!!!!!*!!!!!!!!!!!!!
```

```
NTDB id 47894 NMBG2136 RS01555 WP 002224844.1   HLEPVLSKHAKSFKDDMYLRTEHVVWQKEMLTLARLAAAVDMAAADSKDVANSHIFDAMVNQKIKLQNPEVLKKWLGEQT   159
NTDB id 1098 NMB RS01465 WP 002224844.1         HLEPVLSKHAKSFKDDMYLRTEHVVWQKEMLTLARLAAAVDMAAADSKDVANSHIFDAMVNQKIKLQNPEVLKKWLGEQT   159
NTDB id 1099 NMB RS01545 WP 002215704.1         HLEPVLSEHIKTFKDDTYMRREHVVWGDEMKPLARLAAAVEMAGE..SDKANSHIFDAMVNQKINLADTDTLKKWLSEQT   158
consensus                                       !!!!!!!*!*!*!!!!*!*!*!!!!!**!!**!!!!!!!!*!!*****!*!!!!!!!!!!!!!!*!*****!!!!!*!!!
```

```
NTDB id 47894 NMBG2136 RS01555 WP 002224844.1   AFDGKKVLAAYESPESQARADKMQELTETFQIDGTPTVIVGGKYKVEFADWESGMNTIDLLADKVREEQKAAQ   232
NTDB id 1098 NMB RS01465 WP 002224844.1         AFDGKKVLAAYESPESQARADKMQELTETFQIDGTPTVIVGGKYKVEFADWESGMNTIDLLADKVREEQKAAQ   232
NTDB id 1099 NMB RS01545 WP 002215704.1         AFDGKKVLAAFEAPESQARAAQMEELTNKFQISGTPTVIVGGKYQVEFKDWQSGMTTIDQLVDKVREEQKKPQ   231
consensus                                       !!!!!!!!!!*!*!!!!!!!**!*!!!**!!!*!!!!!!!!!!!*!!!*!!*!!!*!!!*!*!!!!!!!!**!
```

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