```
NTDB id 420251 GYN04 RS08820 WP 003689902.1  MKSRHLALGVAALFALAACDSKVQTSVPADSAPAA.SAAAAPAGLVEGQNYTVLANPIPQQQAGKVEVLEFFGYFCPHCA  79
NTDB id 1098 NMB RS01465 WP 002224844.1      MKSRHLALGVAALFALAACDSKVQTSVPADSAPAA.SAAAAPAGLVEGQNYTVLANPIPQQQAGKVEVLEFFGYFCPHCA  79
NTDB id 1099 NMB RS01545 WP 002215704.1      MKLKTLALTSLTLLALAACSKQAETSVPADSAQSSSSSAPAAPAELNEGVNYTVLSTPIPQQQAGKIEVLEFFGYFCPHCA  80
consensus                                    !!***!!!****!*!!!!!*****!!!!!!!!***  !!*!!!!*!*!!*!!!!!**!!!!!!!!!*!!!!!!!!!!!!!!!
```

```
NTDB id 420251 GYN04 RS08820 WP 003689902.1  RLEPVLSKHAKSFKDDMYLRTEHVVWQKEMLPLARLAAAVDMAAAESKDVANSHIFDAMVNQKIKLQEPEVLKKWLGEQT  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 420251 GYN04 RS08820 WP 003689902.1  AFDGKKVLAAYESPESQARAGKMQELTETFQIDGTPTVIVGGKYKVEFADWESGMNTIDLLADKVREEQKAAQ  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 ≥ 50% conserved