```
logo
NTDB id 1122230 EL177 RS12380 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       MKLKTLALTSLTLLALAACSKQAETSVPADSAQSSSSAPAAPAELNEGVNYTVLSTPIPQQQAGKIEVLEFFGYFCPHCA   80
consensus                                     !!***!!!****!*!!!!!*****!!!!!!!!*** !!*!!!!*!*!!*!!!!!**!!!!!!!!!*!!!!!!!!!!!!!!!
```

```
logo
NTDB id 1122230 EL177 RS12380 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                                     *!!!!!!*!*!*!!!!*!*!*!!!!!**!!**!!!!!!!!*!!**!**!*!!!!!!!!!!!!!!!!*!*!*****!!!!!*!!!
```

```
logo
NTDB id 1122230 EL177 RS12380 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 $\geq$ 50% conserved