```
logo

NTDB id 1143484 AC2117 RS02085 WP 133971620.1  MFSFLNPQHLIHSLSPCLLCESGVREKHSLCKDCWGQLPWLKQTIQRNNQSVLVACDYAYPVNRIIQQFKYEQKLHYQIL   80
NTDB id 1042 HON27 RS01930 WP 000472273.1      MFKFLNPQYLFQLLSPCLLCEIGTREKYSLCKECWEQLPWLKQTIQRNDQSVLVACHYAYPINRIIQQFKYEQKLHYQTL   80
NTDB id 1071 ABD1 RS15375 WP 000472269.1       MFKFLNPQYLFQLLSPCLLCEIGTREKYSLCKECWEQLPWLKQTIQRNDQSVLVACHYAYPINRIIQQFKYEQKLHYQTL   80
consensus                                      !!*!!!!!*!***!!!!!!!!*!*!!!*!!!!*!!*!!!!!!!!!!!!!*!!!!!!!*!!!!*!!!!!!!!!!!!!!!!!*!
```

```
logo

NTDB id 1143484 AC2117 RS02085 WP 133971620.1  LGEILQQLKFPKVQAIVPMPISNQRLIERGFNQSLLLANILSKQLKTPIWQPVQRLAEHSQKGLSRLERLENIEQQFIAL   160
NTDB id 1042 HON27 RS01930 WP 000472273.1      LAEVLQQLKFPKVQAIVPMPISKQRLTERGFNQSLLLANLLSKQLKIPVWQPVQRLNEHSQKGLSRLERFENIEQQFVAL   160
NTDB id 1071 ABD1 RS15375 WP 000472269.1       LAEVLQQLKFPKVQAIVPMPISKQRLTERGFNQSLLLANLLGKQLKIPVWQPVQRLNEHSQKGLSRLERFENIEQQFVAL   160
consensus                                      !*!*!!!!!!!!!!!!!!!!!!!*!!!*!!!!!!!!!!!!!*!*!!!!*!*!!!!!!!*!!!!!!!!!!!!!*!!!!!!!*!!
```

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logo

NTDB id 1143484 AC2117 RS02085 WP 133971620.1  THEKRRYRRILIIDDVVTTGSSIYALSQAIKQLGCTSIHAACLAATLTS..   209
NTDB id 1042 HON27 RS01930 WP 000472273.1      TQEKRRYRRVLIIDDVITTGSSIHALSQALKQLGCTSIHASCLAAASSTSY   211
NTDB id 1071 ABD1 RS15375 WP 000472269.1       TQENRRYRRVLIIDDVITTGSSIHALSQALKQLGCTSIHASCLAAASSTSY   211
consensus                                      !*!*!!!!!*!!!!!!*!!!!!!*!!!!!*!!!!!!!!!!*!!!!******
```

X non conserved
X similar
X ≥ 50% conserved