```
logo

NTDB id 124413 GT95 RS02160 WP 017647021.1  MKKLFNKRRSLFLTQNSKYLRYVFNDHFVLVLMFLSGFLLYQYSQLLKDFPKTHWPIIVIVSIIILMLLAMGGIASYLEPADKQF   85
NTDB id 474 HSISS4 RS07765 WP 418080400.1  MAKLFKERSKRFNARCAKYSRYVFNDHFILVLLFLLGFVLVQYSQLLKHFPKNPWAIILGLLVLCLLLPFWGNIATYLEPADKHY   85
NTDB id 482 STER RS07725 WP 011681529.1    MAELFKERSRRFTTRCAKYSRYVFNDHFILVLLFLLGFVLVQYSQLLRHFPKNPWAIILGLLVLCLLLPFWGNIATYLEPADKHY   85
consensus                                  !**!!**!***! ****!!*!!!!!!!*!!!*!!*!!*!*!!!!!!**!!!**!*!!*******!*!***!*!!*!!!!!!!**

logo

NTDB id 124413 GT95 RS02160 WP 017647021.1  LLIKEEAIKEIINSAKKRTYIFWLVIQTLFLVLISPILIKLGLSVFMITLLIFGLGIIKWLVITYKVKVFYNNQNLNWDAAINHE  170
NTDB id 474 HSISS4 RS07765 WP 418080400.1  LLVKEEEVLDHVKKATGRAFRFWVIVQTLIFILVIPLFLALGLPVWGVILVAVAMAILKCFIFQKKAQPFYKQSGLNWTKAIAGE  170
NTDB id 482 STER RS07725 WP 011681529.1    LLVKEEEVLDHIKKATGRAFRFWVLIQTLIFILVVPLFLALGLPVWGVVLIAVAMAILKYFIFQKKAQPFYKQSGLNWTDAIAAE  170
consensus                                  !!*!!!********!**!***!!**!!!***!*!****!!!*!***!*******!*!******!***!!****!!!*  !!**!

logo

NTDB id 124413 GT95 RS02160 WP 017647021.1  QERKQSILKFFSLFTNVKGISTSVKRRSFLDGILKLISKTPSRLWTNLFVRAFLRSSDYLGLTIRLVTLNILSVIFVNETYLALA  255
NTDB id 474 HSISS4 RS07765 WP 418080400.1  NKRQQSILKFFSLFTNVKGITSSVKRRAYLDGILKRTKKDKEHTWYNLYLRAFLRSGDYFALSLRLFALTLLVIFLVPEKWLAMV  255
NTDB id 482 STER RS07725 WP 011681529.1    NKRQQSILKFFSLFTNVKGITSSVKRRGYLDGILKRTKKDKKYTWYNLYLRAFLRSGDYVALSLRLFALTLLVIFLVPEKWLAMV  255
consensus                                  **!*!!!!!!!!!!!!!!!!!**!!!!!*!!!!!!!***!**  *!*!!**!!!!!!*!!*!**!!**!!**!****!*!**!!**

logo

NTDB id 124413 GT95 RS02160 WP 017647021.1  LAFVFNYLLLFQLTALKSHFAYQRMANLMPVGKDMQVSNLKRLITQIVLVMTLIQAICLFDLKFSLILIGVMLVLSLVYLPAKLK  340
NTDB id 474 HSISS4 RS07765 WP 418080400.1  LVVVFDYLLLFQLTALKSHFAYQRMANLMPVGKDMQVSNLKRLITQIVLVLTLVQAICLFDLKFSLILVGIMLVLSLVYLPAKLK  340
NTDB id 482 STER RS07725 WP 011681529.1    LVVVFDYLLLFQLTALKSHFAYQRMANLMPIGKDMQVSNLKRLINQIVLVMTLIQALCLFDLKFSLILIGVMLVLSLVYLPAKLK  340
consensus                                  !**!!*!!!!!!!*!!**!!*!!*!**!*!*******!*!!***  *****!*********!!****!***!!*****!*!*!*!

logo

NTDB id 124413 GT95 RS02160 WP 017647021.1  KMID   344
NTDB id 474 HSISS4 RS07765 WP 418080400.1  KMID   344
NTDB id 482 STER RS07725 WP 011681529.1    KMID   344
consensus                                  !!!!
```

X non conserved

X similar

X $\geq$ 50% conserved