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logo

NTDB id 1139415 DQM69 RS09090 WP 109982757.1  MKAVFAKRRFDFNQQCLKYLRYVLNDHFVLVLVFLLGFVLYQYSNLLRHFPKNHWPIMAGLMLVSLVLLWLGRVATYLEP   80
NTDB id 482 STER RS07725 WP 011681529.1       MAELFKERSRRFTTRCAKYSRYVFNDHFILVLLFLLGFVLVQYSQLLRHFPKNPWAIILGLLVLCLLLPFWGNIATYLEP   80
NTDB id 474 HSISS4 RS07765 WP 418080400.1     MAKLFKERSKRFNARCAKYSRYVFNDHFILVLLFLLGFVLVQYSQLLKHFPKNPWAIILGLLVLCLLLPFWGNIATYLEP   80
consensus                                     !* *!**!***!* *!*!!*!!!*!!!!*!!!*!!!!!!!*!!!*!!*!!!!!!*!*!**!!****!*!***!**!!!!!!

logo

NTDB id 1139415 DQM69 RS09090 WP 109982757.1  ADRVFLLPQEDDLIAQIKGARWRSFLVWGGLQTLFLLALAPLFLALGFSKLGFLVFLLFMLLVKGGLVLFKSRKLLIAGN  160
NTDB id 482 STER RS07725 WP 011681529.1       ADKHYLLVKEEEVLDHIKKATGRAFRFWVLIQTLIFILVVPLFLALGLPVWGVVLIAVAMAILKYFIFQKKAQPFYKQSG  160
NTDB id 474 HSISS4 RS07765 WP 418080400.1     ADKHYLLVKEEEVLDHVKKATGRAFRFWVIVQTLIFILVIPLFLALGLPVWGVILVAVAMAILKCFIFQKKAQPFYKQSG  160
consensus                                     !!***!!**!*******!*!**!*!**!***!!!*****!!!!!!!****!*******!***!  *****!*********

logo

NTDB id 1139415 DQM69 RS09090 WP 109982757.1  LNWEEALAQEQGRKQAILKFYSLFTNVKGISSQTKRRGYLDFLLAGLTKKQSQLWSNLYLRAYLRSGDYLALSLRLLFLS  240
NTDB id 482 STER RS07725 WP 011681529.1       LNWTDAIAAENKRQQSILKFFSLFTNVKGITSSVKRRGYLDGILKRTKKDKKYTWYNLYLRAFLRSGDYVALSLRLFALT  240
NTDB id 474 HSISS4 RS07765 WP 418080400.1     LNWTKAIAGENKRQQSILKFFSLFTNVKGITSSVKRRAYLDGILKRTKKDKEHTWYNLYLRAFLRSGDYFALSLRLFALT  240
consensus                                     !!!**!*!*!**!*!*!!!!*!!!!!!!!!!*!**!!!*!!!**!****!**  *!*!!!!!!*!!!!!!*!!!!!!**!*

logo

NTDB id 1139415 DQM69 RS09090 WP 109982757.1  LLSFILVKAGLVALALALLFDYLLLFQLLSLAKHYDYQYLTQLFPLGAGLKKANLKQVLRGILYGLVLLQAIVLLIFAFS  320
NTDB id 482 STER RS07725 WP 011681529.1       LLVIFLVPEKWLAMVLVVVFDYLLLFQLTALKSHFAYQRMANLMPIGKDMQVSNLKRLINQIVLVMTLIQALCLFDLKFS  320
NTDB id 474 HSISS4 RS07765 WP 418080400.1     LLVIFLVPEKWLAMVLVVVFDYLLLFQLTALKSHFAYQRMANLMPVGKDMQVSNLKRLITQIVLVLTLVQAICLFDLKFS  320
consensus                                     !!***!!*****!**!***!!!!!!!!!**!**!**!!****!*!*!******!!!*** *!*****!*!!**!****!!

logo

NTDB id 1139415 DQM69 RS09090 WP 109982757.1  WQNLALLVGVALLLVELYLPYKLKKLFA  348
NTDB id 482 STER RS07725 WP 011681529.1       ....LILIGVMLVLSLVYLPAKLKKMID  344
NTDB id 474 HSISS4 RS07765 WP 418080400.1     ....LILVGIMLVLSLVYLPAKLKKMID  344
consensus                                         **!*!**!*!***!!!*!!!!***
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X non conserved

X similar

X ≥ 50% conserved