```
logo
NTDB id 165002 MGAS11027 RS01350 WP 002986004.1   MESIDKSKFRFVERDSEASEVIDTPAYSYWKSVFRQFFSKKSTVFMLVILVTVLMMSFIYPMFANYDFNDVSNINDFSKR   80
NTDB id 477 HSISS4 RS06990 WP 021143810.1         MASIDKSKFQFVKRDDFASETIDAPAYSYWKSVMRQFFKKKSTTVMLGILIAIILMSFIYPMFSKFDFNDVSKVNDFSVR   80
NTDB id 326 STU RS16120 WP 002946409.1            MASIDKSKFQFVKRDDFASETIDAPSYSYWKSVMRQFFKKKSTVVMLGILITIILMSFIYPMFSKFDFNDVSKVNDFSLR   80
NTDB id 294 STER RS06920 WP 002946409.1           MASIDKSKFQFVKRDDFASETIDAPSYSYWKSVMRQFFKKKSTVVMLGILITIILMSFIYPMFSKFDFNDVSKVNDFSLR   80
consensus                                         !*!!!!!!!*!!*!!**!!!*!!*! !!!!!!!*!!!!*!!!!**!!*!!*****!!!!!!!!***!!!!!!**!!!!*!

logo
NTDB id 165002 MGAS11027 RS01350 WP 002986004.1   YIWPNAEYWFGTDKNGQSLFDGVWYGARNSILISVIATLINITIGWVLGAIWGVSKAFDKVMIEIYNIISNIPSMLIIIV   160
NTDB id 477 HSISS4 RS06990 WP 021143810.1         YVHPNAQYWFGTDSNGKSLFDSVWFGARNSILIAVIATFINVVIGLVVGAVWGISKTFDMIMMEIYNIISNIPALLVVIV   160
NTDB id 326 STU RS16120 WP 002946409.1            YVHPNAQYWFGTDGNGKSLFDSVWFGARNSILIAVIATFLNVIIGLLVGAVWGISKTFDMIMMEIYNIISNIPSLLVVIV   160
NTDB id 294 STER RS06920 WP 002946409.1           YVHPNAQYWFGTDGNGKSLFDSVWFGARNSILIAVIATFLNVIIGLLVGAVWGISKTFDMIMMEIYNIISNIPSLLVVIV   160
consensus                                         !**!!!*!!!!!!*!!*!!!!*!!*!!!!!!!!*!!!!**!**!!***!!*!!*!!*!!**!*!!!!!!!!!!**!**!!

logo
NTDB id 165002 MGAS11027 RS01350 WP 002986004.1   LTYSLGAGFWNLILAFCITGWIGVAYSIRVQILRYRDLEYNLASQTLGTPMYKIAVKNLLPQLVSVIMTMLSQMLPVYVS   240
NTDB id 477 HSISS4 RS06990 WP 021143810.1         LTYSLGAGFWNMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRTLGTPTAKIVVKNIMPQLVSVIVTMASQLLPGFIS   240
NTDB id 326 STU RS16120 WP 002946409.1            LTYSLGAGFWNMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRNLGTPTAKIVIKNIMPQLVSVIVTMASQLLPGFIS   240
NTDB id 294 STER RS06920 WP 002946409.1           LTYSLGAGFWNMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRNLGTPTAKIVIKNIMPQLVSVIVTMASQLLPGFIS   240
consensus                                         !!!!!!!!!!!*!*!***!!!!!*!!*!!*!!*!!!!!!!!!!!* !!!!**!!**!!**!!!!!!!*!!*!!*!!***!

logo
NTDB id 165002 MGAS11027 RS01350 WP 002986004.1   SEAFLSFFGIGLPTTTPSLGRLIANYSSNLTTNAYLFWIPLVTLILVSLPLYIVGQNLADASDPRSHR   308
NTDB id 477 HSISS4 RS06990 WP 021143810.1         YEAFLSYFGLGLPVTTPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR   308
NTDB id 326 STU RS16120 WP 002946409.1            YEAFLSYFGLGLPVTTPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR   308
NTDB id 294 STER RS06920 WP 002946409.1           YEAFLSYFGLGLPVTTPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR   308
consensus                                         *!!!!!*!!*!!!*!!!!!!!!!!**!**!*!*!!!!!!!!!*!!!!!!!*!*!!!!!!!!!!!!!!*!!
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X non conserved

X similar

X $\geq$ 50% conserved