```
logo
NTDB id 30470 MGAS15252 RS01335 WP 014407303.1  MESIDKSKFRFVERDSEASEAIDTPAYSYWKSVFRQFFSKKSTVFMLVILVTVLMMSFIYPMFANYDFNDVSNINDFSKR   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 30470 MGAS15252 RS01335 WP 014407303.1  YIWPNAEYWFGTDKNGQSLFDGVWYGARNSILISVIATLINITIGVVLGAIWGVSKAFDKVMIEIYNIISNIPSMLIIIV  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 30470 MGAS15252 RS01335 WP 014407303.1  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 30470 MGAS15252 RS01335 WP 014407303.1  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