```
logo
NTDB id 41413 HMPREF0833 RS09690 WP 013904708.1   MATIDKNKFQFVKRDDFASEVIDAPAYSYWKSVFRQFLKKRTTIIMLAILVGILLMSFVYPMFSNFDYNDVSKVNDFSAR   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 41413 HMPREF0833 RS09690 WP 013904708.1   LNPPSGKALFGTDNNGKSLFDGVWFGARNSIIISFIATVINVVVGVIVGGIWGISKSIDRIMMEVYNVISNIPFMLIVIV   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 41413 HMPREF0833 RS09690 WP 013904708.1   LTYSMGSGFWNLILAMSLTGWIGIAYTIRVQIMRYRDLEYNLASRTLGTPTMKIVTKNILPQLVSVIVTQTSQLLPSFIS   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 41413 HMPREF0833 RS09690 WP 013904708.1   YEAFLSFFGLGLPITVPSLGRLISDYSQNVTTNAYLFWIPLTVLILVSLSFFIVGQNLADASDPRTHR   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