```
logo
NTDB id 157720 SanJ4211 RS07845 WP 003026180.1  MATIDKTKFQFVKRDDFASETIDAPAYSYWKSVMRQFLKKKSTVIMLGILVAIILMSFIYPIFSDFDFNDVSKVNDFGAR   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 157720 SanJ4211 RS07845 WP 003026180.1  YIKPNGQYWFGTDSNGKSLFDGVWFGARNSILISVIATVINLVIGIVIGGIWGISKTVDRIMMEVYNIISNIPSLLIVIV  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 157720 SanJ4211 RS07845 WP 003026180.1  LTYSIGAGFWNLIFAMTITGWVGIAYTIRIQIMRYRDLEYNLASRTLGTPTLKIIVKNIMPQLVSVIVTTASQLLPSFIS  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 157720 SanJ4211 RS07845 WP 003026180.1  YEAFLSFFGLGLPVTVPSLGRLISDYSQNVTTNAYLFWIPLTTLILVSLSLFVVGQNLADASDPRTHR  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