```
logo
NTDB id 235451 SE071780 RS09680 WP 012680090.1  MAAIDKNKFTFVELDSYASEVIDAPAYSYWKSVFRQFFSRKSTILMLVILIAIILMSFIYPMFANYDFGNVSNINDFSKR   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 235451 SE071780 RS09680 WP 012680090.1  YIAPNAEYWFGTDQNGQSLFDGVWYGARNSILISVIATIINMIIGVIVGGIWGVSKAVDKVMIEVYNIISNLPQMLIIIV  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 235451 SE071780 RS09680 WP 012680090.1  LTYSIGAGFWNLIFAFCVTGWIGIAYSIRVQILRYRDLEYNLASQTLGTPTHKIVIKNLLPQLVSVIVSMVSLLLPSYIS  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 235451 SE071780 RS09680 WP 012680090.1  SEAFLSFFGLGLPITEPSLGRLISNYSNNLTTNAYLFWIPLTTLILVSLPLYIVGQNLADASDPRTHR  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                                       *!!!!!*!!!!!!*!*!!!!!!!!*!**!*!*!!!!!!!!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!!!
```

X non conserved

X similar

X $\geq$ 50% conserved