```
logo
NTDB id 1121307 EL136 RS10820 WP 042671297.1  MAAIDKNKFTFVELDSYASEVIDAPAYSYWKSVFRQFFSRKSTILMLVILIAIILMSFIYPMFANYDFGDVSNINDFSKR   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                                     !!*!!!*!!*!!**!**!!!*!!!! !!!!!!!*!!!!**!!!**!!*!!! !!!!!!!!!!!***!!*!!!**!!!!*!
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logo
NTDB id 1121307 EL136 RS10820 WP 042671297.1  YIAPNAEYWFGTDQNGQSLFDGVWYGARNSILISVIATIINMIIGVVVGGIWGVSKAVDKVMIEVYNIISNLPQMLIIIV  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                                     !**!!!*!!!!!!*!!*!!!!*!!*!!!!!!!!!*!!!!**!**!!**!!**!!*!!**!**!*!*!!!!!!*!**!**!!
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logo
NTDB id 1121307 EL136 RS10820 WP 042671297.1  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                                     !!!!*!!!!!!*!!!**!!!!!!!!!!*!!*!!*!!!!!!!!!!!* !!!!!*!!!*!!**!!!!!!!!!*!*!*!!!**!!
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logo
NTDB id 1121307 EL136 RS10820 WP 042671297.1  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