```
logo
NTDB id 1136593 DQL35 RS09165 WP 043030145.1  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 1136593 DQL35 RS09165 WP 043030145.1  YIAPNAEYWFGTDQNGQSLFDGVWYGARNSILISVIATIINMIIGVVIGGIWGVSKAVDKVMIEVYNIISNLPQMLIIIV   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 1136593 DQL35 RS09165 WP 043030145.1  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 1136593 DQL35 RS09165 WP 043030145.1  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