```
logo
NTDB id 238981 QMA0248 RS02185 WP 003100863.1  MATIDKSKFEFVELDSYASEVIDAPAYSYWKSVFRQFFARKSTIVMLLILITIILMSFIYPMFANYDFGDVSNINDFTKR   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 238981 QMA0248 RS02185 WP 003100863.1  YISPNGEYWFGTDKNGQSLFDGVWYGARNSILISVIATMINMILGVIIGGLWGVSKAVDKVMIEVYNVISNLPQMLIIIV  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 238981 QMA0248 RS02185 WP 003100863.1  LTYSIGAGFWNLIFAFCITGWIGIAYAVRVQVLRYRDLEYNLASQTLGTPTHKIVTKNLLPQLVSVIVSMVSLLLPAYIS  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 238981 QMA0248 RS02185 WP 003100863.1  SEAFLSFFGLGLPLSEPSLGRLISNYSSNLTTNAYLFWIPLTTLILVSLPLYIVGQNLADASDPRTHR  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