


```
NTDB id 477 HSISS4 RS06990 WP 021143810.1  MASIDKSKFQFVKRDDFASETIDAPAYSYWKSVMRQFFKKKSTTVMLGILIAIILMSFIYPMFSKFDFNDVSKVNDFSVRYVHPN  85
NTDB id 326 STU RS16120 WP 002946409.1     MASIDKSKFQFVKRDDFASETIDAPSYSYWKSVMRQFFKKKSTVVMLGILITIILMSFIYPMFSKFDFNDVSKVNDFSLRYVHPN  85
NTDB id 294 STER RS06920 WP 002946409.1    MASIDKSKFQFVKRDDFASETIDAPSYSYWKSVMRQFFKKKSTVVMLGILITIILMSFIYPMFSKFDFNDVSKVNDFSLRYVHPN  85
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!!!*!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!
```




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NTDB id 477 HSISS4 RS06990 WP 021143810.1  AQYWFGTDSNGKSLFDSVWFGARNSILIAVIATFINVVIGLLVGAVWGISKTFDMIMMEIYNIISNIPALLVVIVLTYSLGAGFW  170
NTDB id 326 STU RS16120 WP 002946409.1     AQYWFGTDGNGKSLFDSVWFGARNSILIAVIATFLNVIIGLLVGAVWGISKTFDMIMMEIYNIISNIPSLLVVIVLTYSLGAGFW  170
NTDB id 294 STER RS06920 WP 002946409.1    AQYWFGTDGNGKSLFDSVWFGARNSILIAVIATFLNVIIGLLVGAVWGISKTFDMIMMEIYNIISNIPSLLVVIVLTYSLGAGFW  170
consensus                                  !!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!*!!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!!!!!!!
```




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NTDB id 477 HSISS4 RS06990 WP 021143810.1  NMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRTLGTPTAKIVVKNIMPQLVSVIVTMASQLLPGFISYEAFLSYFGLGLPVT  255
NTDB id 326 STU RS16120 WP 002946409.1     NMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRNLGTPTAKIVIKNIMPQLVSVIVTMASQLLPGFISYEAFLSYFGLGLPVT  255
NTDB id 294 STER RS06920 WP 002946409.1    NMIFAMTVTGWIGIAYTIRIQIMRYRDLEYNLASRNLGTPTAKIVIKNIMPQLVSVIVTMASQLLPGFISYEAFLSYFGLGLPVT  255
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!*!!!!!!!!!*!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```




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NTDB id 477 HSISS4 RS06990 WP 021143810.1  TPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR  308
NTDB id 326 STU RS16120 WP 002946409.1     TPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR  308
NTDB id 294 STER RS06920 WP 002946409.1    TPSLGRLISDYAQNVTVNAYLFWIPLTTLILVSLALFIVGQNLADASDPRTHR  308
consensus                                  !!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

X non conserved
X similar
X ≥ 50% conserved