```
logo
NTDB id 20022 SDD27957 01725 EFY02029.1     MEIIDKSKFRFVERDSRASEVIDTPAYSYWKSVFRQFFSKKSTIFMLMILVTILLMSFIYPMFANYDFGDVSNINDFSKRYIWPN   85
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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logo
NTDB id 20022 SDD27957 01725 EFY02029.1     AEYWFGTDKNGQSLFDGVWYGARNSILISVIATLINVTIGVILGAIWGVSKAFDKVMIEIYNVISNIPSMLIIIVLTYSLGAGFW   170
NTDB id 477 HSISS4 RS06990 WP 021143810.1   AQYWFGTDSNGKSLFDSVWFGARNSILIAVIATFINVVIGLVVGAVWGISKTFDMIMMEIYNIISNIPALLVVIVLTYSLGAGFW   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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logo
NTDB id 20022 SDD27957 01725 EFY02029.1     NLILAFCITGWIGVAYSIRVQILRYRDLEYNLASQTLGTPMYKIAIKNLLPQLVSVIMTMLSQMLPVYVSSEAFLSRFGIGLPTT   255
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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logo
NTDB id 20022 SDD27957 01725 EFY02029.1     TPSLGRLIANYSSNLTTNAYLFWIPLVTLILVSLPLYIVGQNLADASDPRSHR   308
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 $\geq$ 50% conserved