```
logo
NTDB id 36299 SMI RS01690 WP 000103704.1   MSTIDKEKFQFVKRDDFASEVIDAPAYSYWKSVFRQFMKKKSTVVMLGILVAIILMSFIYPMFSKFDFNDVSKVNDFSARYIKPN   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 36299 SMI RS01690 WP 000103704.1   AEHWFGTDSNGKSLFDGVWFGARNSILISVIATVINLVIGVFVGGIWGISKSVDRVMMEVYNVISNIPSLLIVIVLTYSIGAGFW   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 36299 SMI RS01690 WP 000103704.1   NLIFAMSVTTWIGIAFMIRVQILRYRDLEYNLASRTLGTPTLKIVAKNIMPQLVSVIVTTMTQMLPSFISYEAFLSRFGLGLPIT   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 36299 SMI RS01690 WP 000103704.1   VPSLGRLISDYSQNVTTNAYLFWIPLTTLVLVSLSLFVVGQNLADASDPRTHR   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