```
logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 582 DLJ51 RS00505 WP 002962720.1      MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLK.....EVLDMDDSSFVSAFSRVEKTVSKLAKDYYIKLWT    75
NTDB id 44 SMU RS09085 WP 002263585.1         ..................................................MEEDFEIVFNKVKPIVWKLSRYYFIKMWT    29
NTDB id 554 STRINF RS00370 WP 115283725.1     ...................................................MDFERYFQTVKPIILKLRRHYFVKLWD    27
NTDB id 999013 ABD412 RS01520 WP 369303556.1 ........................MS..CCFFVVLFILGMVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 450 SPYM18 RS08475 WP 011018214.1     ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 449 SPYM18 RS01395 WP 011018214.1     ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 442 SPYM3 RS08515 WP 011106595.1     ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD    51
NTDB id 441 SPYM3 RS01385 WP 011106595.1     ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD    51
consensus                                                              **  ******************** ********!**!*****!!***!****!*

logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      YDDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEEISELGHMIPSQQMD.TAD   154
NTDB id 44 SMU RS09085 WP 002263585.1         REDWQQEGMLILHQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRQQESQKRRFNRMSYEEVGEIEHCLSSGGMQ.LDE   108
NTDB id 554 STRINF RS00370 WP 115283725.1     YEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEVED   107
NTDB id 999013 ABD412 RS01520 WP 369303556.1 RDDWLQEGHIILLQLLKRYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 450 SPYM18 RS08475 WP 011018214.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 449 SPYM18 RS01395 WP 011018214.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 442 SPYM3 RS08515 WP 011106595.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
NTDB id 441 SPYM3 RS01385 WP 011106595.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD   130
consensus                                    **!!*!!******!!!***!*!*********!!!!*!*****!**!*!!!*!!*!****!!!*****!********  ***

logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      YCALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN   207
NTDB id 44 SMU RS09085 WP 002263585.1         YILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK.   160
NTDB id 554 STRINF RS00370 WP 115283725.1     YVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP..   158
NTDB id 999013 ABD412 RS01520 WP 369303556.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 450 SPYM18 RS08475 WP 011018214.1     YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1     YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 442 SPYM3 RS08515 WP 011106595.1     YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1     YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
consensus                                    !*************!*************!**!*!***************!****
```

X non conserved

X similar

X ≥ 50% conserved