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logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLK.....EVLDMDDSSFVSAFSRVEKTVSKLAKDYYIKLWT   75
NTDB id 44 SMU RS09085 WP 002263585.1         ..........................................MEEDFEIVFNKVKPIVWKLSRYYFIKMWT   29
NTDB id 442 SPYM3 RS08515 WP 011106595.1      ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD   51
NTDB id 441 SPYM3 RS01385 WP 011106595.1      ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD   51
NTDB id 22662 MGAS9429 RS07820 WP 010921894.1 ........................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 450 SPYM18 RS08475 WP 011018214.1    ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD   51
NTDB id 449 SPYM18 RS01395 WP 011018214.1    ........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD   51
NTDB id 554 STRINF RS00370 WP 115283725.1    ..........................................MDFERYFQTVKPIILKLRRHYFVKLWD   27
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 442 SPYM3 RS08515 WP 011106595.1      RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD  130
NTDB id 441 SPYM3 RS01385 WP 011106595.1      RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD  130
NTDB id 22662 MGAS9429 RS07820 WP 010921894.1 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 450 SPYM18 RS08475 WP 011018214.1    RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD  130
NTDB id 449 SPYM18 RS01395 WP 011018214.1    RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDD  130
NTDB id 554 STRINF RS00370 WP 115283725.1    YEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEVED  107
consensus                                     **!!*!!******!!!***!*!********!!!!*!*****!**!*!!!*!!*!****!!!*****!******** ***

logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1      YCALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN   207
NTDB id 44 SMU RS09085 WP 002263585.1         YILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK.   160
NTDB id 442 SPYM3 RS08515 WP 011106595.1      YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1      YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 22662 MGAS9429 RS07820 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 450 SPYM18 RS08475 WP 011018214.1    YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1    YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL   183
NTDB id 554 STRINF RS00370 WP 115283725.1    YVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP..   158
consensus                                     !***********!*************!**!*!*************!****
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X non conserved

X similar

X $\geq$ 50% conserved