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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 98685 MGAS27061 RS01380 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 98685 MGAS27061 RS01380 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 98685 MGAS27061 RS01380 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