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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 468 HSISS4 RS00725 WP 021143466.1      ..........................................................MEQEVFVHAYEVVRPIVLKASRQY    24
NTDB id 50 STRSA0001 RS07545 WP 002885610.1    ..........................................................MEQEVFVHAYEVVRPIVLKASRQY    24
NTDB id 1130945 H0511 RS00935 WP 179974167.1   ..........................................................MEQEVFVKAYEKVRPIVLKAFRKY    24
NTDB id 320 STU RS10340 WP 002949220.1         ..........................................................MEQEVFVKAYEKVRPIVLKAFRQY    24
NTDB id 47 STER RS00925 WP 002949220.1         ..........................................................MEQEVFVKAYEKVRPIVLKAFRQY    24
NTDB id 44 SMU RS09085 WP 002263585.1          ...........................................................MEEDFEIVFNKVKPIVWKLSRYY    23
NTDB id 424 SGO RS10430 WP 012130755.1         ...............................................................MKFEDVYKQVEGIVKRCYKDY    21
NTDB id 423 SGO RS08370 WP 012130755.1         ...............................................................MKFEDVYKQVEGIVKRCYKDY    21
NTDB id 457 SSUD9 RS00080 WP 002936602.1       ...............................................................MEFEKVYASVKGIVNKARKEF    21
NTDB id 461 GPW51 RS00080 WP 011921639.1       ...............................................................MEFEKVYASVKGIVNKARKEF    21
NTDB id 454 SSU RS00080 WP 011921639.1         ...............................................................MEFEKVYASVKGIVNKARKEF    21
NTDB id 582 DLJ51 RS00505 WP 002962720.1       MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLKEVL...D........MDDSSFVSAFSRVEKTVSKLAKDY    69
NTDB id 554 STRINF RS00370 WP 115283725.1      ...............................................................MDFERYFQTVKPIILKLRRHY    21
NTDB id 442 SPYM3 RS08515 WP 011106595.1       ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHY    45
NTDB id 441 SPYM3 RS01385 WP 011106595.1       ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHY    45
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1   ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY    45
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1   ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY    45
NTDB id 450 SPYM18 RS08475 WP 011018214.1      ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY    45
NTDB id 449 SPYM18 RS01395 WP 011018214.1      ...................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY    45
consensus                                                                                                  ***  ****!****** ** *
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logo
NTDB id 468 HSISS4 RS00725 WP 021143466.1      FIQLWDQADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKE   104
NTDB id 50 STRSA0001 RS07545 WP 002885610.1    FIQLWDLADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKE   104
NTDB id 1130945 H0511 RS00935 WP 179974167.1   FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDNDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE   104
NTDB id 320 STU RS10340 WP 002949220.1         FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE   104
NTDB id 47 STER RS00925 WP 002949220.1         FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE   104
NTDB id 44 SMU RS09085 WP 002263585.1          FIKMWTREDWQQEGMLILHQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRQQESQKRRFNRMSYEEVGEIEHCLSSGG   103
NTDB id 424 SGO RS10430 WP 012130755.1         YLHLWEYADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKE   101
NTDB id 423 SGO RS08370 WP 012130755.1         YLHLWEYADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKE   101
NTDB id 457 SSUD9 RS00080 WP 002936602.1       YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIHELSHAIQSPG   101
NTDB id 461 GPW51 RS00080 WP 011921639.1       YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPG   101
NTDB id 454 SSU RS00080 WP 011921639.1         YIKLWDRDDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPG   101
NTDB id 582 DLJ51 RS00505 WP 002962720.1       YIKLWTYDDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEEISELGHMIPSQQ   149
NTDB id 554 STRINF RS00370 WP 115283725.1      FVKLWDYEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVF   101
NTDB id 442 SPYM3 RS08515 WP 011106595.1       YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 441 SPYM3 RS01385 WP 011106595.1       YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1   YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1   YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 450 SPYM18 RS08475 WP 011018214.1      YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 449 SPYM18 RS01395 WP 011018214.1      YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
consensus                                      ****!***!* !!*******!!***!*!********!!!**!*****!**!*!!!*!!** ** **** **** *****
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logo
NTDB id 468 HSISS4 RS00725 WP 021143466.1      LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1    LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 1130945 H0511 RS00935 WP 179974167.1   LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEEN   165
NTDB id 320 STU RS10340 WP 002949220.1         LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 47 STER RS00925 WP 002949220.1         LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 44 SMU RS09085 WP 002263585.1          MQ.LDEYILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK....   160
NTDB id 424 SGO RS10430 WP 012130755.1         LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 423 SGO RS08370 WP 012130755.1         LY.LDELVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 457 SSUD9 RS00080 WP 002936602.1       LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 461 GPW51 RS00080 WP 011921639.1       LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 454 SSU RS00080 WP 011921639.1         LI.NDELLMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 582 DLJ51 RS00505 WP 002962720.1       MD.TADYCALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN...   207
NTDB id 554 STRINF RS00370 WP 115283725.1      FFEVEDYVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP.....   158
NTDB id 442 SPYM3 RS08515 WP 011106595.1       LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1       LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1  LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1  LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 450 SPYM18 RS08475 WP 011018214.1      LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1      LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
consensus                                      *  *** *** * *  ****!**** ******* ** !*!********  ****!
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X non conserved

X similar

X ≥ 50% conserved