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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 320 STU RS10340 WP 002949220.1          ..........................................................MEQEVFVKAYEKVRPIVLKAFRQY   24
NTDB id 47 STER RS00925 WP 002949220.1          ..........................................................MEQEVFVKAYEKVRPIVLKAFRQY   24
NTDB id 178225 NX99 RS06110 WP 002885610.1      ..........................................................MEQEVFVHAYEVVRPIVLKASRQY   24
NTDB id 50 STRSA0001 RS07545 WP 002885610.1     ..........................................................MEQEVFVHAYEVVRPIVLKASRQY   24
NTDB id 468 HSISS4 RS00725 WP 021143466.1       ..........................................................MEQEVFVHAYEVVRPIVLKASRQY   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 320 STU RS10340 WP 002949220.1          FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE   104
NTDB id 47 STER RS00925 WP 002949220.1          FIQLWDQADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKE   104
NTDB id 178225 NX99 RS06110 WP 002885610.1      FIQLWDLADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKE   104
NTDB id 50 STRSA0001 RS07545 WP 002885610.1     FIQLWDLADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKE   104
NTDB id 468 HSISS4 RS00725 WP 021143466.1       FIQLWDQADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKE   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
                                                  LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 320 STU RS10340 WP 002949220.1            LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 47 STER RS00925 WP 002949220.1            LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 178225 NX99 RS06110 WP 002885610.1        LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1       LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 468 HSISS4 RS00725 WP 021143466.1         LD.AVDRLVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   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