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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 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...........DMDDSSFVSAFSRVEKTVSKLAKDY   69
NTDB id 450 SPYM18 RS08475 WP 011018214.1       ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY   45
NTDB id 449 SPYM18 RS01395 WP 011018214.1       ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY   45
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1   ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY   45
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1   ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHY   45
NTDB id 442 SPYM3 RS08515 WP 011106595.1        ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHY   45
NTDB id 441 SPYM3 RS01385 WP 011106595.1        ......................................MSCCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHY   45
NTDB id 1118990 EL020 RS09240 WP 081665447.1   ............................................................MDFERYFQTVKPIILKLRRYY   21
NTDB id 554 STRINF RS00370 WP 115283725.1       ............................................................MDFERYFQTVKPIILKLRRHY   21
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 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 450 SPYM18 RS08475 WP 011018214.1       YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 449 SPYM18 RS01395 WP 011018214.1       YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1   YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1   YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 442 SPYM3 RS08515 WP 011106595.1        YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 441 SPYM3 RS01385 WP 011106595.1        YIQLWDRDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRG   125
NTDB id 1118990 EL020 RS09240 WP 081665447.1   FVKLWDYEDWIQEGRIIFFELVEEHPDLLINEGKRYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEIGDISHCVPQVS   101
NTDB id 554 STRINF RS00370 WP 115283725.1       FVKLWDYEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVF   101
consensus                                       ****!***!* !!*******!****!*!********!!!*!*!** **!**!*!!!*!!** **  **** **** *****
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logo
NTDB id 320 STU RS10340 WP 002949220.1        LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 47 STER RS00925 WP 002949220.1        LD.MVDRLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   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 450 SPYM18 RS08475 WP 011018214.1     LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1     LW.LDDYVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   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 442 SPYM3 RS08515 WP 011106595.1      LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1      LW.LDDYVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 1118990 EL020 RS09240 WP 081665447.1 FFEVADYVAYQDSLARLRRTLGREDRLKLEKVIRGERFEGKKDFLKSIEPYFSDFRP.....   158
NTDB id 554 STRINF RS00370 WP 115283725.1    FFEVEDYVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP.....   158
consensus                                     ** ******* * *  ****!**** ******* ***!*!********  ****!
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X non conserved

X similar

X $\geq$50% conserved