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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 60806 KE3 RS01110 WP 081665447.1         ...........................................................MDFERYFQTVKPIILKLRRYY   21
NTDB id 554 STRINF RS00370 WP 115283725.1        ...........................................................MDFERYFQTVKPIILKLRRHY   21
consensus                                                                                            ***   ***!********* *
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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 60806 KE3 RS01110 WP 081665447.1         FVKLWDYEDWIQEGRIIFFELVEEHPDLLINEGKRYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEIGDISHCVPQVS   101
NTDB id 554 STRINF RS00370 WP 115283725.1        FVKLWDYEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVF   101
consensus                                         ****!***!* !!*******!****!*!*********!!!**!** **!**!*!!!*!!** ** **** **** *****
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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 60806 KE3 RS01110 WP 081665447.1 FFEVADYVAYQDSLARLRRTLGREDRLKLEKVIRGERFEGKKDFLKSIEPYFSDFRP..... 158
NTDB id 554 STRINF RS00370 WP 115283725.1 FFEVEDYVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP..... 158
consensus
non conserved
similar
≥ 50% conserved