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logo
NTDB id 320 STU RS10340 WP 002949220.1           .................................................MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQ   31
NTDB id 47 STER RS00925 WP 002949220.1           .................................................MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQ   31
NTDB id 33078 SSAL RS09325 WP 013989953.1        .................................................MEQEIFVHAYEVVRPIVLKASRQYFIQLWDQ   31
NTDB id 468 HSISS4 RS00725 WP 021143466.1        .................................................MEQEVFVHAYEVVRPIVLKASRQYFIQLWDQ   31
NTDB id 50 STRSA0001 RS07545 WP 002885610.1      .................................................MEQEVFVHAYEVVRPIVLKASRQYFIQLWDL   31
NTDB id 44 SMU RS09085 WP 002263585.1           ..................................................MEEDFEIVFNKVKPIVWKLSRYYFIKMWTR   30
NTDB id 424 SGO RS10430 WP 012130755.1          ....................................................MKFEDVYKQVEGIVKRCYKDYYLHLWEY   28
NTDB id 423 SGO RS08370 WP 012130755.1          ....................................................MKFEDVYKQVEGIVKRCYKDYYLHLWEY   28
NTDB id 457 SSUD9 RS00080 WP 002936602.1        ....................................................MEFEKVYASVKGIVNKARKEFYIKLWDR   28
NTDB id 461 GPW51 RS00080 WP 011921639.1        ....................................................MEFEKVYASVKGIVNKARKEFYIKLWDR   28
NTDB id 454 SSU RS00080 WP 011921639.1          ....................................................MEFEKVYASVKGIVNKARKEFYIKLWDR   28
NTDB id 582 DLJ51 RS00505 WP 002962720.1        MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLKEVL....DMDDSSFVSAFSRVEKTVSKLAKDYYIKLWTY   76
NTDB id 442 SPYM3 RS08515 WP 011106595.1        ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 441 SPYM3 RS01385 WP 011106595.1        ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAVFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1    ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1    ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 450 SPYM18 RS08475 WP 011018214.1       ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 449 SPYM18 RS01395 WP 011018214.1       ..........................MS..CCFFVVLFILGIVKKKRRLKMSIETRAAFEKVKPIILKLKRHYYIQLWDR   52
NTDB id 554 STRINF RS00370 WP 115283725.1       ....................................................MDFERYFQTVKPIILKLRRHYFVKLWDY   28
consensus                                                                                            ***  ****!****** ** *****!**
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logo
NTDB id 320 STU RS10340 WP 002949220.1           ADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKELD.MVDR   110
NTDB id 47 STER RS00925 WP 002949220.1           ADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKELD.MVDR   110
NTDB id 33078 SSAL RS09325 WP 013989953.1        ADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKELD.AVDR   110
NTDB id 468 HSISS4 RS00725 WP 021143466.1        ADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKELD.AVDR   110
NTDB id 50 STRSA0001 RS07545 WP 002885610.1      ADMEQEAMMTLYQLLEKFPELKSDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYIEISDIAFCLPNKELD.AVDR   110
NTDB id 44 SMU RS09085 WP 002263585.1           EDWQQEGMLILHQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRQQESQKRRFNRMSYEEVGEIEHCLSSGGMQ.LDEY   109
NTDB id 424 SGO RS10430 WP 012130755.1          ADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKELY.LDEL   107
NTDB id 423 SGO RS08370 WP 012130755.1          ADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKELY.LDEL   107
NTDB id 457 SSUD9 RS00080 WP 002936602.1        DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIHELSHAIQSPGLI.NDEL   107
NTDB id 461 GPW51 RS00080 WP 011921639.1        DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPGLI.NDEL   107
NTDB id 454 SSU RS00080 WP 011921639.1          DDWEQEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIKDRIRKQESQKRKFDRMPHEDIYELSHAIQSPGLI.NDEL   107
NTDB id 582 DLJ51 RS00505 WP 002962720.1        DDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEEISELGHMIPSQQMD.TADY   155
NTDB id 442 SPYM3 RS08515 WP 011106595.1        DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 441 SPYM3 RS01385 WP 011106595.1        DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1    DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1    DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 450 SPYM18 RS08475 WP 011018214.1       DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 449 SPYM18 RS01395 WP 011018214.1       DDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLW.LDDY   131
NTDB id 554 STRINF RS00370 WP 115283725.1       EDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEVEDY   108
consensus                                        *!* !!*******!!***!*!*********!!!**!*****!**!*!!!*!!** ** **** **** ******  ***
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logo
                                                  VAYQEVLASLRNQLSSEERLKFERLIRGERFKGRRAMLRDLSYFKDFDPL
                                                  LVLRSATNAYESNLNSDAYQLDALLAGCCRGRKKLTKTRSWLYEFRQSNEPD

NTDB id 320 STU RS10340 WP 002949220.1            LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 47 STER RS00925 WP 002949220.1            LAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 33078 SSAL RS09325 WP 013989953.1         LVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKVWMVDFDPYNEDD   165
NTDB id 468 HSISS4 RS00725 WP 021143466.1         LVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 50 STRSA0001 RS07545 WP 002885610.1       LVYDEQLNAFRNQLSSEDATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD   165
NTDB id 44 SMU RS09085 WP 002263585.1             ILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK....   160
NTDB id 424 SGO RS10430 WP 012130755.1            VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 423 SGO RS08370 WP 012130755.1            VAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 457 SSUD9 RS00080 WP 002936602.1          LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 461 GPW51 RS00080 WP 011921639.1          LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 454 SSU RS00080 WP 011921639.1            LMLRGALRDYRKNLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR......   156
NTDB id 582 DLJ51 RS00505 WP 002962720.1          CALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN...   207
NTDB id 442 SPYM3 RS08515 WP 011106595.1          VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1          VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1      VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1      VAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 450 SPYM18 RS08475 WP 011018214.1         VAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1         VAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 554 STRINF RS00370 WP 115283725.1         VAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP.....   158
consensus                                         *** * *  ****!****  ****** ** !*!********  ****!
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X non conserved

X similar

X $\geq$ 50% conserved