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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 320 STU RS10340 WP 002949220.1        ..................................................MEQEVFVKAYEKVRPIVLKAFRQYFIQLWD    30
NTDB id 47 STER RS00925 WP 002949220.1        ..................................................MEQEVFVKAYEKVRPIVLKAFRQYFIQLWD    30
NTDB id 44 SMU RS09085 WP 002263585.1         ..................................................MEEDFEIVFNKVKPIVWKLSRYYFIKMWT    29
NTDB id 424 SGO RS10430 WP 012130755.1        ....................................................MKFEDVYKQVEGIVKRCYKDYYLHLWE    27
NTDB id 423 SGO RS08370 WP 012130755.1        ....................................................MKFEDVYKQVEGIVKRCYKDYYLHLWE    27
NTDB id 489 SM12261 RS01070 WP 000471940.1    ....................................................MFKELYEEVQGIVYKCRNEYYLHLWE    26
NTDB id 517 SMSK321 RS10700 WP 000471945.1    ....................................................MFKELYKEVQGIVYKSRNEYYLHLWE    26
NTDB id 516 SMSK321 RS09125 WP 000471944.1    ....................................................MFKELYKEVQGIVYKSRNEYYLHLWE    26
NTDB id 582 DLJ51 RS00505 WP 002962720.1      MDKEKLKEIFNKHSALPEEVEEFDDGMVKEVITAGLLFCLK.....EVLDMDDSSFVSAFSRVEKTVSKLAKDYYIKLWT    75
NTDB id 1127198 FGK99 RS08470 WP 138119764.1  ..................................MTDDLVRLFDKIKPIIMKLRRHYYIQLWE    29
NTDB id 450 SPYM18 RS08475 WP 011018214.1     ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 449 SPYM18 RS01395 WP 011018214.1     ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 442 SPYM3 RS08515 WP 011106595.1      ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD    51
NTDB id 441 SPYM3 RS01385 WP 011106595.1      ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAVFEKVKPIILKLKRHYYIQLWD    51
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 ..........................MS..CCFFVVLFILGIVKKKRRLK.MSIETRAAFEKVKPIILKLKRHYYIQLWD    51
NTDB id 554 STRINF RS00370 WP 115283725.1    ....................................................MDFERYFQTVKPIILKLRRHYFVKLWD    27
consensus                                                                                          *   ***********  !**  *!*
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 320 STU RS10340 WP 002949220.1        QADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKEL.DMVD   109
NTDB id 47 STER RS00925 WP 002949220.1        QADMEQEAMMTLYQLLKKFPDLEKDDDKLRRYFKTKFRNRLNDEVRRQESVKRQANRQCYVEISDIAFCIPNKEL.DMVD   109
NTDB id 44 SMU RS09085 WP 002263585.1         REDWQQEGMLILHQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRQQESQKRRFNRMSYEEVGEIEHCLSSGGM.QLDE   108
NTDB id 424 SGO RS10430 WP 012130755.1        YADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKEL.YLDE   106
NTDB id 423 SGO RS08370 WP 012130755.1        YADWRQEGMLVLYELLKSHPNLLEDQPRLYRYFKTKFRNRIHDLIRRQESQKRKLDRQPYEEVSEIGHRLRMKEL.YLDE   106
NTDB id 489 SM12261 RS01070 WP 000471940.1    LSDWDQEGMICLHELISREEELVEDIPRLRKYFKTKFRNRILDHIRKQESQKRRYDKEPYEEVGEISHRISEGGM.WLDE   105
NTDB id 517 SMSK321 RS10700 WP 000471945.1    LSDWDQEGMICLHELISREEELVEDIPRLRKYFKTKFRNRILDYIRKQESQKRRYDKEAYEEVGEISHRIGEGGL.WLDD   105
NTDB id 516 SMSK321 RS09125 WP 000471944.1    LSDWDQEGMICLHELISKEEELAEDIPRLRKYFKTKFRNRILDYIRKQESQKRRYDKESYEEVGEISHRIGEGGL.WLDE   105
NTDB id 582 DLJ51 RS00505 WP 002962720.1      YDDWRQEARIILYQLLERFPDLANDEEKLRIYFKTKFRSYVLDNIRKQESQKRAFDRMIYEEISELGHMIPSQQM.DTAD   154
NTDB id 1127198 FGK99 RS08470 WP 138119764.1  LDDWLQEGRLILYRLLVTYPELIEDEEKLYRYFKTKFSSYLKDVLRQQESQKRRFHKMAYEEIGSVGHAIPAGGL.GVDD   108
NTDB id 450 SPYM18 RS08475 WP 011018214.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 449 SPYM18 RS01395 WP 011018214.1     RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 442 SPYM3 RS08515 WP 011106595.1      RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 441 SPYM3 RS01385 WP 011106595.1      RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 RDDWLQEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGL.WLDD   130
NTDB id 554 STRINF RS00370 WP 115283725.1    YEDWIQEGRIVFFQLLEEHPDLLNNEGKCYSYFKTKFSNHVKDIIRHQESFKRKFNRMPYEEISDISHCVPQVFFFEVED   107
consensus                                     *!*  !!*  ***  *!*  ****!**************!!!!*!    *  !**!*!!!*!!  *  **  !*!******  **  ***  ****
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logo
NTDB id 320 STU RS10340 WP 002949220.1        RLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 47 STER RS00925 WP 002949220.1        RLAYDEQLNAFREQLSSEDSLKLDRLLGGECFRGRKKMIRELRFWMVDFDPCNEED   165
NTDB id 44 SMU RS09085 WP 002263585.1         YILFRDSLLAYKQGLSTEKQELFERLVAGEHFLGRQSMLKDLRKKLSDFKEK....   160
NTDB id 424 SGO RS10430 WP 012130755.1        LVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 423 SGO RS08370 WP 012130755.1        LVAFRSAMSEYRSRLSPEEAKQYERLMADERFKGRKAMLKDLSYHLRDFNPRLD..   160
NTDB id 489 SM12261 RS01070 WP 000471940.1    YYLFHETLRDYRNKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTH..   159
NTDB id 517 SMSK321 RS10700 WP 000471945.1    YYLFHETLRDYRSKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTQ..   159
NTDB id 516 SMSK321 RS09125 WP 000471944.1    YYLFHETLRDYRSKQSKDKQEELERVLRHERFRGRQRVLRDLRIVFKEFDIRTR..   159
NTDB id 582 DLJ51 RS00505 WP 002962720.1      YCALKEKLKELKQKLAPEDYAKILLLMRGGAFKGRSAFIKDIKVEFEDFDEDN...   207
NTDB id 1127198 FGK99 RS08470 WP 138119764.1  YVAYQLIVKEVEERLTESELSQFRALIRGERFEGRRALLRKIGPYFQDFIGEK...   161
NTDB id 450 SPYM18 RS08475 WP 011018214.1     YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 449 SPYM18 RS01395 WP 011018214.1     YVAYQEVIASLENQLNSQERMQFKALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 442 SPYM3 RS08515 WP 011106595.1      YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 441 SPYM3 RS01385 WP 011106595.1      YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1 YVAYQEVIASLENQLNSQERMQFQALIRGERFKGRRALLRKISPYFKEFAQQL...   183
NTDB id 554 STRINF RS00370 WP 115283725.1     YVAYQDSLACLRRTLGREDRLKLEKVIRGERFEGKKAFLKSIELYFSDFRP.....   158
consensus                                     **** * *   *  *  **   *  ******!*!****** *  ****!
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X non conserved

X similar

X $\geq$ 50% conserved