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logo

NTDB id 419 DQL23 RS10745 WP 060553298.1          ...MILKIIIAFFPTIIQVVSYEIFHKKIMQSKKIDIKFIGLFFSIVFGISIISSILIEIPSFGDVISSIFHYIFLFIQP   77
NTDB id 416 SGO RS10505 WP 012131078.1            ...MIFTIILSLFPVIIQVFSYDFFYNKINRKKKINIKLIILFWGLIMVISFLYSLFLLLPDYWKIFRDIFHYLFLLIQP   77
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1     MNLLGFGIVIVY..FLIVSKSYERICK.....ITK..KERIVFLCYTGI....SVFILEEVASM.VYRDGF.SLVKFLFP   65
NTDB id 486 SM12261 RS09375 WP 020902616.1        MDFLAVLVVILH..IFIISKSYYLICK.....NKINIKELCFFGGYTFL....VESVFELSFYF.IYLDGL.GIEKFLFP   67
NTDB id 514 SMSK321 RS10615 WP 001048129.1        MNLFGVGLVIVY..FLIISHSYRLICK.....GQINRKELYVFSAYILL....TEIVLDFPSYL.LHLDDL.GIVKFLFP   67
NTDB id 249 KZH43 RS10250 WP 000362880.1          MDLFGFGTVIVH..FLIISHSYHFICK.....GQINRKELFVFGAYTLL....TEIVFDFPLYI.LYLDGL.GIERFLFP   67
NTDB id 208 SPD RS10925 WP 000362880.1            MDLFGFGTVIVH..FLIISHSYHFICK.....GQINRKELFVFGAYTLL....TEIVFDFPLYI.LYLDGL.GIERFLFP   67
NTDB id 174 SPR RS10405 WP 000362880.1            MDLFGFGTVIVH..FLIISHSYHFICK.....GQINRKELFVFGAYTLL....TEIVFDFPLYI.LYLDGL.GIERFLFP   67
NTDB id 138 SP RS11430 WP 000364845.1             MDLLGFGTVIVH..FLIISHSYRLICK.....GRINRKELYVFGAYTLL....TEIVLEFSFYL.LYLDKI.GIERFLFP   67
consensus                                         ***********  **!***!!  ***     * ***!****!******    ******** ** ****** *******!

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NTDB id 419 DQL23 RS10745 WP 060553298.1          LIFYKYFL.KRKEYDNYLNLFLSFVIYLSVETSETFLSVIISSITGDYFVKQHYDIFYIIINLLSLFIILKVVDFFDFYF   156
NTDB id 416 SGO RS10505 WP 012131078.1            LIFYKYFLIKRKEYENYLNLFLSFVIYLSVETSETFLSVIISSITGDSFVKQHYDIFYIIINLLSLFIILKVVDFFDFYF   157
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1     LVIYFYLR.KLKMYEIYKGIFISILLSLLYNGTHTFISVTLSSITGDYLVSQHEEIFYFIVLLLTYFSIKKIITYFHLEL   144
NTDB id 486 SM12261 RS09375 WP 020902616.1        LVLYSYFR.FIKKYEKYRGVFLSLLLSLLYNSTHTFLSVTLSSIIGDDTALQYHSLFFLVVVALTYVVIVTIIRYFHLEL   146
NTDB id 514 SMSK321 RS10615 WP 001048129.1        LVLYSYFR.WIKQYERDRGLFLSLLLSLLYESTHNFLSVTLSSLTGDNFVLQYYEPFFFLVTVLTYVVILKIIHYFHLDL   146
NTDB id 249 KZH43 RS10250 WP 000362880.1          LGLYSYFR.WMKQYERDRGLFLSLLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPFFFVVTVLTYFVTLKIIYYFHLEL   146
NTDB id 208 SPD RS10925 WP 000362880.1            LGLYSYFR.WMKQYERDRGLFLSLLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPFFFVVTVLTYFVTLKIIYYFHLEL   146
NTDB id 174 SPR RS10405 WP 000362880.1            LGLYSYFR.WMKQYERDRGLFLSLLLSLLYESTHNFLSVTFSSITGDNFVLQYHFPFFFVVTVLTYFVTLKIIYYFHLEL   146
NTDB id 138 SP RS11430 WP 000364845.1             LGLYSYFR.WMKQYERDRGLFLSLLLSLLYESTHNFLSVIFSSITGDNFVLQYHFPFFFVVTVLTYFVTLKIIYYFHLEL   146
consensus                                         !**!*!** **!*!******!*!****!*******!*!!**!!**!!****!** *!******!********* *!****

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NTDB id 419 DQL23 RS10745 WP 060553298.1          EYYKEPIYKNDLYNVNKSYIVIHILLNISHWFSENAHLNSFASMIATIGFIMFLSTLFYLKSAREQHEKAKEIQQKKEEQ   236
NTDB id 416 SGO RS10505 WP 012131078.1            EYYKEPIYKNDLYNVNKSYIVIHILLNISHWFSENAHLNSFASMIATIGFIMFLSTLFYLKSAREQYEKAKEIQQKKEEQ   237
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1     NYFDKDYLYPFLKKVFFALLLLHVASFVSDMVSTIKHLNSFGSILSSIVFISLFLTFFAMNSYKEQKEKEIALKQKKFEQ   224
NTDB id 486 SM12261 RS09375 WP 020902616.1        NYFDKDYLYPFLKKVFFALLLLHVVSFISDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKEKMEKEIALKQKKFEQ   226
NTDB id 514 SMSK321 RS10615 WP 001048129.1        NYFDKDYLYPFLTKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKDQMEKEIALKQKKFEQ   226
NTDB id 249 KZH43 RS10250 WP 000362880.1          AYFDEDYLYPFLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQ   226
NTDB id 208 SPD RS10925 WP 000362880.1            AYFDEDYLYPFLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQ   226
NTDB id 174 SPR RS10405 WP 000362880.1            AYFDEDYLYPFLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQ   226
NTDB id 138 SP RS11430 WP 000364845.1             AYFDKDYLYPFLKKVFFALLLLHIVSFVSDMVSTIKHLNSFGSILSSIVFISLLLTFFAMNSHKVQMEKEIALKQKKFEQ   226
consensus                                          !*********!**!*******!*****!***!***!!!!!*!****!*!!****!*!***!*****!!*****!!!*!!

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NTDB id 419 DQL23 RS10745 WP 060553298.1          RQLQLYTDEIVGLYNEIRGFRHDYAGMLISLQTGINSGDMKEVERIFHNVLSQANISLRSDDYTFFELNNVQDTALRSVL   316
NTDB id 416 SGO RS10505 WP 012131078.1            RQLQLYTDEIVGLYNEIRGFRHDYAGMLTSLQTGINSGDMKEVERIFHNVLSQANISLRSDDYTFFELNNVQDTALRSVL   317
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1     KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRVYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   304
NTDB id 486 SM12261 RS09375 WP 020902616.1        KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGDLQEIDRVYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
NTDB id 514 SMSK321 RS10615 WP 001048129.1        KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRVYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
NTDB id 249 KZH43 RS10250 WP 000362880.1          KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
NTDB id 208 SPD RS10925 WP 000362880.1            KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
NTDB id 174 SPR RS10405 WP 000362880.1            KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
NTDB id 138 SP RS11430 WP 000364845.1             KHLQNYTDEIVGLYNEIRGFRHDYAGMLVSMQMAIDSGNLQEIDRIYNEVLVKANHKLRSDKYTYFDLNNIEDSALRSLV   306
consensus                                         **!!*!!!!!!!!!!!!!!!!!!!!!!!!!*!*!**!*!!***!**!****!!**!!**!!!!*!!*!*!!!!**!*!!!!**
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NTDB id 419 DQL23 RS10745 WP 060553298.1        IQTIFKARECGVEIVFEMKDVIETLPMKLLDLVRVASVLLNNAVEGAAESPSKTMNVSLVKLDKEIVFVIQNSRQSRYIN   396
NTDB id 416 SGO RS10505 WP 012131078.1          IQTIFKARECGVEIVFEMKDVIETLPMKLLDLVRVASVLLNNAVEGAAESPSKTMNVSLVKLDKEIVFVIQNSRQSRYIN   397
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1  AQSIVYARNNGVEFTLEVKDIITRLPIDLLDLVRIMSVLLNNAVEGSADSYKKHMEVAVIKMETETVIVIQNSCKMTMTP   384
NTDB id 486 SM12261 RS09375 WP 020902616.1      AQSIVYARNNGVEFTLEVKDKITKLPIELLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
NTDB id 514 SMSK321 RS10615 WP 001048129.1      AQSIVYARNNGVEFTLEVKDIITRLPIDLLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
NTDB id 249 KZH43 RS10250 WP 000362880.1        AQSIVYARNNGVEFTLEVKDTITKLPIELLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
NTDB id 208 SPD RS10925 WP 000362880.1          AQSIVYARNNGVEFTLEVKDTITKLPIELLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
NTDB id 174 SPR RS10405 WP 000362880.1          AQSIVYARNNGVEFTLEVKDTITKLPIELLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
NTDB id 138 SP RS11430 WP 000364845.1           AQSIVYARNNGVEFTLEVKDTITKLPIELLDLVRIMSVLLNNAVEGSADSYKKQMEVAVIKMETETVIVIQNSCKMTMTP   386
consensus                                       *!*!**!!**!!!***!*!! !**!!**!!!!!!**!!!!!!!!!!*!*!**!*!*!***!***!*!*!!!!!*******

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NTDB id 419 DQL23 RS10745 WP 060553298.1        LEEIYEVGFSTKGENRGLGLNNVKEIIDKYDEVILETDIETNYFIQVVRFKRKEKI   452
NTDB id 416 SGO RS10505 WP 012131078.1          LEEIYEVGFSTKGENRGLGLNNVKEIIDKYDEVILETDIETNYFIQVVRFKRKEKI   453
NTDB id 1170482 ACLV7W RS10805 WP 411865926.1  SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSIFRQIIRFKREFE.   439
NTDB id 486 SM12261 RS09375 WP 020902616.1      SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
NTDB id 514 SMSK321 RS10615 WP 001048129.1      SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
NTDB id 249 KZH43 RS10250 WP 000362880.1        SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
NTDB id 208 SPD RS10925 WP 000362880.1          SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
NTDB id 174 SPR RS10405 WP 000362880.1          SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
NTDB id 138 SP RS11430 WP 000364845.1           SGDLFALGFSTKGRNRGVGLNNVKELLDKYNNIILETEMEGSTFRQIIRFKREFE.   441
consensus                                       *******!!!!!!*!!!*!!!!!!!**!!!***!!!!**!***!*!**!!!!***
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X non conserved

X similar

X $\geq$ 50% conserved