

logo

NTDB id 582 DLJ51 RS00505 WP 002962720.1	MDKEKLKEIFNKHSA	LP	80
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	MEQEVFVHAYEVVRPIVLKASRQYFIQLWDLADME	35	
NTDB id 320 STU RS10340 WP 002949220.1	MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQADME	35	
NTDB id 47 STER RS00925 WP 002949220.1	MEQEVFVKAYEKVRPIVLKAFRQYFIQLWDQADME	35	
NTDB id 450 SPYM18 RS08475 WP 011018214.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 449 SPYM18 RS01395 WP 011018214.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 442 SPYM3 RS08515 WP 011106595.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 441 SPYM3 RS01385 WP 011106595.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	MSCCFVVLFILGI.VKKKRRLKMSIETRAAF	56	
NTDB id 44 SMU RS09085 WP 002263585.1	MEEDFEIVFNKVKPIVWKL	34	
NTDB id 454 SSU RS00080 WP 011921639.1	MEFEKVYASVKGIVNKA	32	
NTDB id 461 GPW51 RS00080 WP 011921639.1	MEFEKVYASVKGIVNKA	32	
NTDB id 457 SSUD9 RS00080 WP 002936602.1	MEFEKVYASVKGIVNKA	32	
NTDB id 423 SGO RS08370 WP 012130755.1	MKFEDVYKQVEGIVKRCYKDYYLHLWEYADWR	32	
NTDB id 424 SGO RS10430 WP 012130755.1	MKFEDVYKQVEGIVKRCYKDYYLHLWEYADWR	32	
NTDB id 140 SP RS00070 WP 000588925.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 141 SP RS10155 WP 000588925.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 176 SPR RS00065 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 177 SPR RS09210 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 210 SPD RS00065 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 211 SPD RS09675 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 251 KZH43 RS09050 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 252 KZH43 RS09050 WP 000588897.1	MIKELYEEVQGTVYKCRNEYYLHLWELSDWD	31	
NTDB id 488 SM12261 RS00065 WP 000471939.1	MFKELYEEVQGIVYKCRNEYYLHLWELSDWD	31	
NTDB id 489 SM12261 RS01070 WP 000471940.1	MFKELYEEVQGIVYKCRNEYYLHLWELSDWD	31	
NTDB id 517 SMSK321 RS10700 WP 000471945.1	MFKELYKEVQGIVYKSRNEYYLHLWELSDWD	31	
NTDB id 516 SMSK321 RS09125 WP 000471944.1	MFKELYKEVQGIVYKSRNEYYLHLWELSDWD	31	
consensus	***** ! **** *	***** * ! *	*****

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NTDB id 582 DLJ51 RS00505 WP 002962720.1	QEARITILYQLIERFFPDLANDEEKLRIRYFKTKFRSYLDNIRKQESQKRAFDPMIYEEISEIGHMIPSQQMDTADYCALKE	160
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	QEAMMTLYQLLEKFPDLKSDDDKLRRYFKTKFRNRINDEVRRQESVQRQANRQCQYETSDIAFCIPNKEIDAVDRLVYDE	115
NTDB id 320 STU RS10340 WP 002949220.1	QEAMMTLYQLLKKFPDLKDDDKLRRYFKTKFRNRINDEVRRQESVQRQANRQCQYETSDIAFCIPNKEIDMVDRLAYDE	115
NTDB id 47 STER RS00925 WP 002949220.1	QEAMMTLYQLLKKFPDLKDDDKLRRYFKTKFRNRINDEVRRQESVQRQANRQCQYETSDIAFCIPNKEIDMVDRLAYDE	115
NTDB id 450 SPYM18 RS08475 WP 011018214.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 449 SPYM18 RS01395 WP 011018214.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 442 SPYM3 RS08515 WP 011106595.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 441 SPYM3 RS01385 WP 011106595.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	QEGHIILLQLLERYPELIEEEERLYRYFKTKFSSYLKDLLRRQESQKRQFHKLAYEEIGEVAHAIPSRGLWLDDYVAYQE	136
NTDB id 44 SMU RS09085 WP 002263585.1	QEGMILHLQLLREHPELEEDDTKLYIYFKTRFSNYIKDVLRRQESQKRFRNRMSYEEVGEIEHCISSGMQLDEYILFRD	114
NTDB id 454 SSU RS00080 WP 011921639.1	QEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIRKDRIRKQESQKRKFDRMPHEDIYELSHATQSPGLINDELLMLRG	112
NTDB id 461 GPW51 RS00080 WP 011921639.1	QEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIRKDRIRKQESQKRKFDRMPHEDIYELSHATQSPGLINDELLMLRG	112
NTDB id 457 SSUD9 RS00080 WP 002936602.1	QEGMMTLFELLEAQPWLVDEQVQLYCYFKVKFRNRIRKDRIRKQESQKRKFDRMPHEDIYELSHATQSPGLINDELLMLRG	112
NTDB id 423 SGO RS08370 WP 012130755.1	QEGMLVLVELLKSHPNLLEDQPRLYRYFKTKFRNRIRHDLIRRQESQKRKLDRQPYYEEVSEIGHRIIRMKELYLDELVAFRS	112
NTDB id 424 SGO RS10430 WP 012130755.1	QEGMLVLVELLKSHPNLLEDQPRLYRYFKTKFRNRIRHDLIRRQESQKRKLDRQPYYEEVSEIGHRIIRMKELYLDELVAFRS	112
NTDB id 140 SP RS00070 WP 000588925.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 141 SP RS10155 WP 000588925.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 176 SPR RS00065 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 177 SPR RS09210 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 210 SPD RS00065 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 211 SPD RS09675 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 251 KZH43 RS09050 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 252 KZH43 RS09050 WP 000588897.1	QEGMCLHELISREEGLVDDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGLWLDDYVYLFHE	111
NTDB id 488 SM12261 RS00065 WP 000471939.1	QEGMICLHELISREEGLVEDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGMWLDEYVYLFHE	111
NTDB id 489 SM12261 RS01070 WP 000471940.1	QEGMICLHELISREEELVEDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEPYEEVGEISHRISEGMWLDEYVYLFHE	111
NTDB id 517 SMSK321 RS10700 WP 000471945.1	QEGMICLHELISREEELVEDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKEAYEEVGEISHRIEGGLWLDDYVYLFHE	111
NTDB id 516 SMSK321 RS09125 WP 000471944.1	QEGMICLHELISKEEELVEDIPRLRKYFKTKFRNRILDYIRKQESQKRKYDKESYEEVGEISHRIEGGLWLDEYVYLFHE	111
consensus	!!***! *!* * **** *! *!!!!*!*****! *!*!!!!*!***** ***** * * ***** ** *	

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NTDB id 582 DLJ51 RS00505 WP 002962720.1	KIKELKQKLAPEDYAKILLLMRGGAFKGRSAFIDIKVEEDFDEDN...	207
NTDB id 50 STRSA0001 RS07545 WP 002885610.1	QLNAFRNQLSSE DATKLDRLLAGECFRGRKKMIRELKFWMVDFDPYNEDD	165
NTDB id 320 STU RS10340 WP 002949220.1	QLNAFREQLSSEDSLKLDRLLGGEFCFRGRKKMIRELKFWMVDFDPCNEED	165
NTDB id 47 STER RS00925 WP 002949220.1	QLNAFREQLSSEDSLKLDRLLGGEFCFRGRKKMIRELKFWMVDFDPCNEED	165
NTDB id 450 SPYM18 RS08475 WP 011018214.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 449 SPYM18 RS01395 WP 011018214.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 442 SPYM3 RS08515 WP 011106595.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 441 SPYM3 RS01385 WP 011106595.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 448 SpyM6JRS4 RS07800 WP 010921894.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 447 SpyM6JRS4 RS01370 WP 010921894.1	VIASLENQLNSQERMQFKALIRGERFKGRALLRKISPYFKEFAAQL...	183
NTDB id 44 SMU RS09085 WP 002263585.1	SLLAYKQGLSTEKQELFERLVAGEHFLGRQSMKDLKKLSDFKEK...	160
NTDB id 454 SSU RS00080 WP 011921639.1	ALRDYRNKLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 461 GPW51 RS00080 WP 011921639.1	ALRDYRNKLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 457 SSUD9 RS00080 WP 002936602.1	ALRDYRNKLSNDQLDKYEKLISGQCFNGRREMIRDLQIHLKDFR.....	156
NTDB id 423 SGO RS08370 WP 012130755.1	AMSEYRSRLSPPEAKQYERLMADERFKGRKAMKDL SYHLRDFNPRLD..	160
NTDB id 424 SGO RS10430 WP 012130755.1	AMSEYRSRLSPPEAKQYERLMADERFKGRKAMKDL SYHLRDFNPRLD..	160
NTDB id 140 SP RS00070 WP 000588925.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 141 SP RS10155 WP 000588925.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 176 SPR RS00065 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 177 SPR RS09210 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 210 SPD RS00065 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 211 SPD RS09675 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 251 KZH43 RS09050 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 252 KZH43 RS09050 WP 000588897.1	TLRDYRNKQSKEKQEELERVLSNERFGRQRVLRDLRIVFKEFTIRTH..	159
NTDB id 488 SM12261 RS00065 WP 000471939.1	TLRDYRNKQSKDKQEELERVLRHERFGRQRVLRDLRIVFKEFDIRTH..	159
NTDB id 489 SM12261 RS01070 WP 000471940.1	TLRDYRNKQSKDKQEELERVLRHERFGRQRVLRDLRIVFKEFDIRTH..	159
NTDB id 517 SMSK321 RS10700 WP 000471945.1	TLRDYRSKQSKDKQEELERVLRHERFGRQRVLRDLRIVFKEFDIRTQ..	159
NTDB id 516 SMSK321 RS09125 WP 000471944.1	TLRDYRSKQSKDKQEELERVLRHERFGRQRVLRDLRIVFKEFDIRTR..	159
consensus	* **** * * **** * ! * ! ! * ! * ! * ! * ! *	

- non conserved
- similar
- ≥ 50% conserved