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NTDB id 380 SMU RS01250 WP 002262749.1	MEMKQISETTTLKITISMEDLEERGMELKDFLIPQEKTEEEFFYTVMDELDLPENFKDSGMLSFRVTPRNDRIDVFVTKSEI	80
NTDB id 299 STER RS01050 WP 011680667.1	MEMKQISETTTLKIMITMEDLEEHEGMELKDFLIPQEKTEEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDL	80
NTDB id 331 STU RS10485 WP 011225365.1	MEMKQINETTLKIMITMEDLEEHEGMELKDFLIPQEKTEEEFFYTVMDELDLPDNFKNSGMLSFRVTPRKDRVDVFVTKSDL	80
NTDB id 298338 DK235 RS08655 WP 012775334.1	MKVVKQISDSTLKITIKLDDLEERGMELSDFLIPQEKTEEEFFYTVMDELDLPMTFRESGMLSFRVTPKPKDRVDVFVTKSDL	80
NTDB id 286 KZH43 RS05975 WP 000782664.1	MKMKQISDSTTLKITISLEDLMDRGMEIADFLVPQEKTEEEFFYAILDELEMPDSFLDTGMLSFRVTPKPKDKVDVFVTKSKI	80
NTDB id 285 SPD RS06395 WP 000782664.1	MKMKQISDSTTLKITISLEDLMDRGMEIADFLVPQEKTEEEFFYAILDELEMPDSFLDTGMLSFRVTPKPKDKVDVFVTKSKI	80
NTDB id 284 SPR RS06100 WP 000782664.1	MKMKQISDSTTLKITISLEDLMDRGMEIADFLVPQEKTEEEFFYAILDELEMPDSFLDTGMLSFRVTPKPKDKVDVFVTKSKI	80
NTDB id 283 SP RS06670 WP 000782668.1	MKMKQISDSTTLKITISLEDLMDRGMEIADFLVPQEKTEEEFFYAILDELEMPDSFLDTGMLSFRVTPKPKDKVDVFVTKSKI	80
consensus	!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 380 SMU RS01250 WP 002262749.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	149
NTDB id 299 STER RS01050 WP 011680667.1	KEDLDFNDLS...DMEDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMTPEAKEVAEETIREDYTH	155
NTDB id 331 STU RS10485 WP 011225365.1	KEALDFNDLS...DMEDYSGLSPEEFLKALEDNFMDKG..DIEAHHKLEEHDKTLKEVDETMTPEAKEVAEETIREDYTH	155
NTDB id 298338 DK235 RS08655 WP 012775334.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	147
NTDB id 286 KZH43 RS05975 WP 000782664.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	154
NTDB id 285 SPD RS06395 WP 000782664.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	154
NTDB id 284 SPR RS06100 WP 000782664.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	154
NTDB id 283 SP RS06670 WP 000782668.1	DQNLDFFEDLSLDPDMEELAQMSPDEFIKTLEKSIADKTKDDIEAIQSLEQVEAKKEEQ.....EQAEQEAESKKEPIY	154
consensus	***!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 380 SMU RS01250 WP 002262749.1	FVLDFPNIIQQVINFAKTVDYDVEASELFKESDAYHMTVLLINLEDKPDYYADLMFARMLEHAGRGTKTRAYLLEHGVQLI	228
NTDB id 299 STER RS01050 WP 011680667.1	YVLAFSDFDQVVTFAQGKLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILM	235
NTDB id 331 STU RS10485 WP 011225365.1	YVLAFSDFDQVVTFAQGKLKNVSVEGSEFYKLGDVYYMTILLYLADEPDYYANNMYARFLEYANVADRTRPYLQEHATILM	235
NTDB id 298338 DK235 RS08655 WP 012775334.1	YILEFPTTIEDLFTFVGTVDYPVEESELYKMDGHYYLTVLINVENRSKQYPGYILSRMLEFTNDTKLTRPALQEHGTLML	226
NTDB id 286 KZH43 RS05975 WP 000782664.1	YILSFAKLADLVAFAKTVTFEMETSELYKMNERYYLTILVDIENHPSPPYPAWLLARMREFADSDSISRVLQEYGGVLM	233
NTDB id 285 SPD RS06395 WP 000782664.1	YILSFAKLADLVAFAKTVTFEMETSELYKMNERYYLTILVDIENHPSPPYPAWLLARMREFADSDSISRVLQEYGGVLM	233
NTDB id 284 SPR RS06100 WP 000782664.1	YILSFAKLADLVAFAKTVTFEMETSELYKMNERYYLTILVDIENHPSPPYPAWLLARMREFADSDSISRVLQEYGGVLM	233
NTDB id 283 SP RS06670 WP 000782668.1	YILSFAKLADLVAFAKTVTFEMETSELYKMNERYYLTILVDIENHPSPPYPAWLLARMREFADSDSISRVLQEYGGVLM	233
consensus	***!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 380 SMU RS01250 WP 002262749.1	KADALQELQMIG..	240
NTDB id 299 STER RS01050 WP 011680667.1	EEDALPVLQATKWS	249
NTDB id 331 STU RS10485 WP 011225365.1	EEDALPVLQATKWS	249
NTDB id 298338 DK235 RS08655 WP 012775334.1	PLAAIEELRKVPTV	240
NTDB id 286 KZH43 RS05975 WP 000782664.1	SHDAVLNLQKIG..	245
NTDB id 285 SPD RS06395 WP 000782664.1	SHDAVLNLQKIG..	245
NTDB id 284 SPR RS06100 WP 000782664.1	SHDAVLNLQKIG..	245
NTDB id 283 SP RS06670 WP 000782668.1	SHDAVLNLQKIG..	245
consensus	*!*!*****	

 non conserved
 similar
 $\geq 50\%$ conserved