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NTDB id 250 KZH43 RS10245 WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISYK.TTGKVRREFEEYIENDEVNQLYFLDIDIHGIEKKGFVEVAQLIRHY	78
NTDB id 209 SPD RS10920 WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISYK.TTGKVRREFEEYIENDEVNQLYFLDIDIHGIEKKGFVEVAQLIRHY	78
NTDB id 175 SPR RS10400 WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISYK.TTGKVRREFEEYIENDEVNQLYFLDIDIHGIEKKGFVEVAQLIRHY	78
NTDB id 139 SP RS11425 WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISYK.TTGKVRREFEEYIENDEVNQLYFLDIDIHGIEKKGFVEVAQLIRHY	78
NTDB id 420 DQL23 RS10740 WP 008808031.1	.MKVLVLEDTIEHQVRLENVFEESRELNLKAK.VTGKIHFEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH	78
NTDB id 417 SGO RS10500 WP 008808031.1	.MKVLVLEDTIEHQVRLENVFEESRELNLKAK.VTGKIHFEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH	78
NTDB id 409130 GP482 RS07020 WP 158914534.1	MIDIYVLEDNVNQVFRIEKMIGDLETNQWETRHFDLFSEPDYLTN.LVEESFPQIFFLDIDIHGDN TKGIEVAKAIREK	79
NTDB id 545 H702 RS02385 WP 052071091.1	MIDIYVLEDNVNQVFRIEKMIGDLETNQWETRHFDLFSEPDCLTN.LVEESFPQIFFLDIDIHGDN TKGIEVAKAIREK	79
NTDB id 542 H702 RS02345 WP 039696227.1	MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAF AASKDIIKKADGGGNHQVFFLDLEIKGDEKQGLDVARSIRESK	80
NTDB id 55 SMU RS08710 WP 002262114.1	MISIFVLEDDFLQGRLETTIAAIMKEKNWSYKELTIFGKPPQLIDATPEKGNHQIFFLDIEIKKEEKKGLEVANQIRQH	80
consensus	*****!!! **!*!!!!***** ***** * ***** ***** *****!!!!!!*!*****!***** !!	

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NTDB id 250 KZH43 RS10245 WP 000866065.1	NPYAIIVFITSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIEQNIIFYTKSMLENEDEVVDYFDYNYKGNDLKIPYHDI	158
NTDB id 209 SPD RS10920 WP 000866065.1	NPYAIIVFITSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIEQNIIFYTKSMLENEDEVVDYFDYNYKGNDLKIPYHDI	158
NTDB id 175 SPR RS10400 WP 000866065.1	NPYAIIVFITSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIEQNIIFYTKSMLENEDEVVDYFDYNYKGNDLKIPYHDI	158
NTDB id 139 SP RS11425 WP 000866065.1	NPYAIIVFITSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIEQNIIFYTKSMLENEDEVVDYFDYNYKGNDLKIPYHDI	158
NTDB id 420 DQL23 RS10740 WP 008808031.1	NPYAIIVFVTSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI	158
NTDB id 417 SGO RS10500 WP 008808031.1	NPYAIIVFVTSRSEFATLTYYKQVSALDFIDKIDNDEMFKKRIVKDCIVYTRNNLIENTDIVDFFEYSFRGNEIRIPFRDI	158
NTDB id 409130 GP482 RS07020 WP 158914534.1	SRTATIVFVTTTSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFED.QGFNIPKEIFVFENNKTIRIPILEDI	158
NTDB id 545 H702 RS02385 WP 052071091.1	SRTATIVFVTTTSEFMLLTYRAQVSALDFIDKTDKDDAIKDNLKKCLQKVFED.QGFNIPKEIFVFENNKTIRIPILEDI	158
NTDB id 542 H702 RS02345 WP 039696227.1	DPTAIIVFVTTTSEFMLLTYQSLVGAIDFIDKNMDEAFGGRIELCLKEALKY.QTGSFGENSYL FETAKARIRVAYDDI	159
NTDB id 55 SMU RS08710 WP 002262114.1	NPSAVIVFVTTTSEFMPLTFQYQVSALDFIDKSLNPEEFSHRIESALYYAMENSQKNGQSEELFIHSSSETQFQVPAEI	160
consensus	***!*****!*****!*****!***** ***** ***** ***** ***** ********** *!	

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NTDB id 250 KZH43 RS10245 WP 000866065.1	LYIETTGVSHKLRITIGKNFAKEFYGTMTDIEKDKHTQRFYSPHKSFLVNI GNIREIDRKNLEIVFYEDHRCPI SRLKIR	238
NTDB id 209 SPD RS10920 WP 000866065.1	LYIETTGVSHKLRITIGKNFAKEFYGTMTDIEKDKHTQRFYSPHKSFLVNI GNIREIDRKNLEIVFYEDHRCPI SRLKIR	238
NTDB id 175 SPR RS10400 WP 000866065.1	LYIETTGVSHKLRITIGKNFAKEFYGTMTDIEKDKHTQRFYSPHKSFLVNI GNIREIDRKNLEIVFYEDHRCPI SRLKIR	238
NTDB id 139 SP RS11425 WP 000866065.1	LYIETTGVSHKLRITIGKNFAKEFYGTMTDIEKDKHTQRFYSPHKSFLVNI GNIREIDRKNLEIVFYEDHRCPI SRLKIR	238
NTDB id 420 DQL23 RS10740 WP 008808031.1	LYIETTGSPIYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYSLSNISISGYDKKTKDVLVYDGHRSPI SRLRVR	238
NTDB id 417 SGO RS10500 WP 008808031.1	LYIETTGSPIYKLRVVGKNFFKEFYGTIAEIQEQDKELGYFFSPHKSYSLSNISISGYDKKTKDVLVYDGHRSPI SRLRVR	238
NTDB id 409130 GP482 RS07020 WP 158914534.1	LYFETAES.SRLKLITKTGQRHFYGSIKEVMQANQ...KLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYSRKYIK	234
NTDB id 545 H702 RS02385 WP 052071091.1	LYFETAES.SRLKLITKTGQRHFYGSIKEVMQANQ...KLFRCHKSYLINLNNIVRLDKKEGLVYFDDDKACYSRKYIK	234
NTDB id 542 H702 RS02345 WP 039696227.1	LYFETSPTVHRVILHTKTGTQTEFYGTIAEVAKSDK...RLLKCHRSFVINNVNVTETFDKSTRATAYFENGSYCQVSRDKVK	236
NTDB id 55 SMU RS08710 WP 002262114.1	LYFETSSTAHKLCITYTYDERIEFYGSMTDIVKMDK...RLFQCHRSFIVNPNITRIDRKKRLAYFRNNKSCLISRTKLT	237
consensus	!!*!!* * ***** ***** *!***** ***** * *****!*****!***** *!***** **********!*****	

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NTDB id 250 KZH43 RS10245 WP 000866065.1	KLKDILEKKSQK.....	250
NTDB id 209 SPD RS10920 WP 000866065.1	KLKDILEKKSQK.....	250
NTDB id 175 SPR RS10400 WP 000866065.1	KLKDILEKKSQK.....	250
NTDB id 139 SP RS11425 WP 000866065.1	KLKDILEKKSQK.....	250
NTDB id 420 DQL23 RS10740 WP 008808031.1	YLKEILKAKSKKEENKK	255
NTDB id 417 SGO RS10500 WP 008808031.1	YLKEILKAKSKKEENKK	255
NTDB id 409130 GP482 RS07020 WP 158914534.1	DLRSKMENLK.....	244
NTDB id 545 H702 RS02385 WP 052071091.1	DLRSKMENLK.....	244
NTDB id 542 H702 RS02345 WP 039696227.1	KLMAEMR.....	243
NTDB id 55 SMU RS08710 WP 002262114.1	KLRAVIADQRRAK....	250
consensus	*!***** ** *	

- X

 non conserved
- X

 similar
- X

 ≥ 50% conserved