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NTDB id 420	DQL23	RS10740	WP 008808031.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 417	SGO	RS10500	WP 008808031.1	.MKVLILEDVIEHQVRLERIVFEEISRELNLIEIKA.KVTGKTHEFKEYVESDEVNQLYFLDIDIKGEEQKGLEMAQFIRQH	78
NTDB id 627	AAM18091.1	1453..2205()		.MKVLILEDVIEHQVRLERILDEISKELNIPISY.KTTGKERFEKEYIENDEVNQLYFLDIDIHGVEKKGFEVAQFIRRH	78
NTDB id 250	KZH43	RS10245	WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 209	SPD	RS10920	WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 175	SPR	RS10400	WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 139	SP	RS11425	WP 000866065.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 487	SM12261	RS09370	WP 000866073.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQFIRHH	78
NTDB id 515	SMSK321	RS0102895	WP 000866074.1	.MKVLILEDVIEHQVRLERILDEISKESNIPISY.KTTGKVRFEFEYIENDEVNQLYFLDIDIHGIEKKGFEVAQLIRHY	78
NTDB id 545	H702	RS02385	WP 052071091.1	MIDIYVLEDNPNQQRFRTEKMIGDILETNQWETRHFDFLSEPDCLTN.LVEESFPQIFFLDIDIHGDNTEKGEVAKAIREK	79
NTDB id 542	H702	RS02345	WP 039696227.1	MLDIFILEDNITQQFRIERQIETIMERNHWEYQRLEAF.ASKDIKKADGGGNHGVFLDLEIKGDEKQGLDVARSIRESK	80
NTDB id 168726	AWB63	RS02655	WP 038675437.1	MLNIYVLEDHFIQCNRIEEVHTILKKMNIKVGDFEVFDKPNQLLESTITERGSHQLBFLDIQIKDDTKKCLEVAKQIRKN	80
NTDB id 55	SMU	RS08710	WP 002262114.1	MISIFVLEDDFLQQRLETTIAATMKEKNWSYKELTIFGKPPQLIDATPEKGNHQTFFLDIEIKKEKKGLEVANQIRQH	80
consensus				*****!!! **!*!*!*!***** ** * * ***** ** ** **!*!!*!!*! **!* **!* **!*!!!	

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NTDB id 420	DQL23	RS10740	WP 008808031.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDEFKKRLEQNLYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 417	SGO	RS10500	WP 008808031.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDEFKKRLEQNLYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 627	AAM18091.1	1453..2205()		NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQSILYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 250	KZH43	RS10245	WP 000866065.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 209	SPD	RS10920	WP 000866065.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 175	SPR	RS10400	WP 000866065.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 139	SP	RS11425	WP 000866065.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 487	SM12261	RS09370	WP 000866073.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 515	SMSK321	RS0102895	WP 000866074.1	NPYAIIVFVTSRSEFATLTYYKYQVSALDFYDKDINDELFKKRIEQNIFYTKSMLENEEDVDYFDYNYKGNLKIPIYHDI	158
NTDB id 545	H702	RS02385	WP 052071091.1	SRTATIVFVTTTHSEFMLLTYRAQVSALDFYDKDINDKDAIKNDKKCKQKVE.DQGFNIPKEIFVHNNKTKIRIPLEDI	158
NTDB id 542	H702	RS02345	WP 039696227.1	DPTAIIIVFVTTTHSEFMLLTYQSLVGATDFIDKNNDDEAFGGRIELCKEALK.YQTGSFGENSFLHETAKARIRVAYDDI	159
NTDB id 168726	AWB63	RS02655	WP 038675437.1	DPYANIVFFTTTHSEYLPFLTQQYQLAALDFIDKSLEGEDFQKRVESILLTCKKIQSQ.NPEDAFRIENAKTVIQVPFHDI	159
NTDB id 55	SMU	RS08710	WP 002262114.1	NPSAVIVFVTTTHSEFMPLTTHQQYQVSALDFIDKSLNPEBBSHRIBSALYYAMENSQKNGQSEELFIHSSSETQFQVPEAEI	160
consensus				***!*!!*!*! !!*****!*****!***!!***** ***** * *** ***** ***** **********!	

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NTDB id 420	DQL23	RS10740	WP 008808031.1	LYIETTGSPLYKLVVGNKNNFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNTISGYDKKTKDVLVYDGHRSPI SRLRVR	238
NTDB id 417	SGO	RS10500	WP 008808031.1	LYIETTGSPLYKLVVGNKNNFKEFYGTIAEIQEQDKELGYFFSPHKSYLSNISNTISGYDKKTKDVLVYDGHRSPI SRLRVR	238
NTDB id 627	AAM18091.1	1453..2205()		LYIETTGVSHKLRILGKNFAKEFYGTMAEIQEQDKDTQRFYSAHKSFLVNVGNIREIDRKNLEVVYFEDHRCPI TRLKVR	238
NTDB id 250	KZH43	RS10245	WP 000866065.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 209	SPD	RS10920	WP 000866065.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 175	SPR	RS10400	WP 000866065.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 139	SP	RS11425	WP 000866065.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 487	SM12261	RS09370	WP 000866073.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 515	SMSK321	RS0102895	WP 000866074.1	LYIETTGVSHKLRILGKNFAKEFYGTMDIQEQDKHTQRFYSPHKSFLVNVGNIREIDRKNLEIVFYEDHRCPI SRLKTR	238
NTDB id 545	H702	RS02385	WP 052071091.1	LYFETAE.SHRLKLIITKGGQHFGYSIKEVMIANQ...KLRCHKSYLNNINIVRLDKKEGLVYFDDDKACYVSRKYIK	234
NTDB id 542	H702	RS02345	WP 039696227.1	LYFETSPTVHRVILHTKTGQTEFYGTIAEVAKSDK...RLLKCHRSFVINNVNTEFDKSTRATAYFENGSCYQVSRDKVK	236
NTDB id 168726	AWB63	RS02655	WP 038675437.1	LYFETSDDIVHKVILYTTKEEQIEFYGSLSQIEKSDP...RLFKCHKSFLINPENVIKLDKSTGTVYFENGVCYVSKLKLK	236
NTDB id 55	SMU	RS08710	WP 002262114.1	LYFETSSTAHLKCLYTYDERIEFYGSMIDIVKMDK...RLFKCHRSFVINPANITRIDRKRLAYERNKSCILSRTKIT	237
consensus				!!*!!********** **!*!!***** ** *****!*!!*!!*! **!* **!* **!***********	

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NTDB id 420 DQL23 RS10740 WP 008808031.1	Y L K E I L K A K S K K E E N K K	255
NTDB id 417 SGO RS10500 WP 008808031.1	Y L K E I L K A K S K K E E N K K	255
NTDB id 627 AAM18091.1 1453..2205()	K L R D I L E K K S K K *	250
NTDB id 250 KZH43 RS10245 WP 000866065.1	K L K D I L E K K S Q K	250
NTDB id 209 SPD RS10920 WP 000866065.1	K L K D I L E K K S Q K	250
NTDB id 175 SPR RS10400 WP 000866065.1	K L K D I L E K K S Q K	250
NTDB id 139 SP RS11425 WP 000866065.1	K L K D I L E K K S Q K	250
NTDB id 487 SM12261 RS09370 WP 000866073.1	K L K D I L E K K S Q K	250
NTDB id 515 SMSK321 RS0102895 WP 000866074.1	K L K D I L E K K S Q K	250
NTDB id 545 H702 RS02385 WP 052071091.1	D L R S K M E N L K	244
NTDB id 542 H702 RS02345 WP 039696227.1	K L M A E M R	243
NTDB id 168726 AWB63 RS02655 WP 038675437.1	K L L E R I S L	244
NTDB id 55 SMU RS08710 WP 002262114.1	K L R A V I A D Q R R A K	250
consensus	* ! * * * * * * * *	

- ☐ non conserved
- ☒ similar
- ☒ ≥ 50% conserved