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NTDB id 600 KW2 RS01765 WP 011675413.1	AYNDEKIGQGA	EKAKNYLKEHQ	DVFD	DEIDHKVRAAH	GLDD	SEVAETEEETT	ASKTKAKAKKEEKAVETEEIELELED..	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	SYKDEKIGQGS	ENAKKYLAEHP	EIFD	DEIDKQVRSK	FGLIDG	EEVSEQDTEN	KKDE...PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 228 SPD RS09265 WP 001085462.1	SYKDEKIGQGS	ENAKKYLAEHP	EIFD	DEIDKQVRSK	FGLIDG	EEVSEQDTEN	KKDE...PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 194 SPR RS08825 WP 001085462.1	SYKDEKIGQGS	ENAKKYLAEHP	EIFD	DEIDKQVRSK	FGLIDG	EEVSEQDTEN	KKDE...PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 159 SP RS09750 WP 001085462.1	SYKDEKIGQGS	ENAKKYLAEHP	EIFD	DEIDKQVRSK	FGLIDG	EEVSEQDTEN	KKDE...PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 499 SM12261 RS08315 WP 078228268.1	SYKDEKIGQGS	ENAKKYLADN	PEIFD	DEIDHQVVR	VQFGLIDG	EEIAES...KKDE...	AAQVDS..VNEEVTLDLGDEL	378	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SYKDEKIGQGS	ENAKKYLADN	PEVFAE	IDHQVVR	VQFGLIDG	EEAAS...KKDE...	VAQVDS..VNEEVTLDLGDEL	378	
NTDB id 453 Spy49 1753c ACI62003.1	SYNGEKIGQGS	ENAKRYLADHP	QLFDE	IDRKVVR	VKFGLE	EESEESAMAV	ASE.....E.....TDDLALDLNGI	374	
NTDB id 408 SMU RS09530 WP 002262392.1	SYNGEKIGQGS	ENAKKFLADN	PEIFD	DDIDHKVVR	VQYGLI	EEDNTEEK	QSSKEK.....ETDEK..ADKNLVLELDDTI	379	
NTDB id 115 BSU 16940 NP 389576.2	SYEEERLGGG	RENAKQFL	KENKDI	MLMIQEQ	IREHY	GLDNN	GVVQQAEETQEEL.EFE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	SYGSERIGGG	RENAKNYLAD	HEDVE	DEVRLK	VRAAY	GISDV	PEEDLPTTEDE.QI.NILPDDST.....EE.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	SYGDERIGGG	KEKTIAYTA	ERP	MEQEIR	DRVMAA	IRAGNAGE	APALAPAPAAPEAAE..A.....	363	
NTDB id 24769 AASI RS06790 WP 012473378.1	SYEGNKLA	QGREAVK	ALLKDN	PELTEK	LERQIK	DKIQ	LSTSL.....VEKTVHGPEHE..EDEEEMIE.....	354	
NTDB id 1334 RAO RS04870 WP 004918236.1	SYQDTKLG	QRDTVKEL	IKDN	PELAE	ELEAKI	REKLQAK	343	
NTDB id 1245 Cj1673c YP 002345041.1	SYKDKKLG	GGRENSKA	FLKEN	PEIAD	EITKA	IQNSMG	TEGMI.....SGSEDE..GE..E.....	343	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SYQDKKLG	GGRENAK	ALLKED	KALAD	EITLK	IKESIG	SNEEI.....MPLPDEP..LE..EME.....	347	
NTDB id 1211 C694 RS00795 WP 000963128.1	SYQDKKLG	GGRENAK	ALLKED	KALAD	EITLK	IKESIG	SNEEI.....MPLPDEP..LE..EME.....	347	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SYDGTKIG	QGGKNN	AVKWL	KENPEI	ADKLE	QEIR	NTLASNPNS.....VLKATASDSND..ESDVVEEFSEEL.....	372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	SYNGAKIG	QGGKDN	VRVWL	KENPEI	SDEI	DAKIR	ALNGVEMHI.....TEGTQDET.....GERPEE.....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	SYNGAKIG	QGGKDN	VRVWL	KENPEI	SDEI	DAKIR	ALNGVEMHI.....TEGTQDET.....GERPEE.....	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	SYNGAKIG	QGGKDN	VRVWL	KENPEI	SDEI	DAKIR	ALNGVEMHI.....TEGTQDET.....GERPEE.....	348	
NTDB id 1427 RS RS02760 WP 011000510.1	SYNGERIG	QGGKDN	CRFL	RENAEL	AREI	ENKVR	REHLGVT	TPMG....AV.TLAEVEE..D.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SYNGDKIG	QGGKAN	ACKYL	KENPEI	AKTLD	KKLRE	MLLNPNM.....QLIAETSSAAD..DVEFGAVPEEF.....	354	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SYNGDKIG	QGGKAN	ACKYL	KENPEI	AKTLD	KKLRE	MLLNPNM.....QLIAETSSAAD..DVEFGAVPEEF.....	354	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SYQGNKIG	QGGKNN	VIRYFE	NNQIA	EIEI	ERNI	REQLLTGTN....GAVQ.I.EDEE..EPD..LLES.....	349	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SYQGNKIG	QGGKNN	VIRYLE	ENPQI	STEI	EAVI	REQLLTKASD....QTAA.HDETEE..EPD..LLES.....	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	AYKGSKIG	QGGKAN	AAKYLE	ENPEI	IGQIE	IEQQI	RAKLLV	TSAN....TKATPVAEDLA..DAD..I.....	347
consensus	*!	***!!*****	**	*****	*****	***	**	**	

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NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	I	E	I	E	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	I	E	I	E	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	I	E	I	E	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	I	E	I	E	E	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	I	E	I	E	E	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	I	E	I	E	E	384
NTDB id 453 Spy49 1753c ACI62003.1	E	I	E	D	.	.	378
NTDB id 408 SMU RS09530 WP 002262392.1	E	L	E	D	.	.	383
NTDB id 115 BSU 16940 NP 389576.2	348
NTDB id 625 LCA RS02525 WP 011374196.1	355
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NTDB id 1211 C694 RS00795 WP 000963128.1	347
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	349
NTDB id 1205 PSJM300 05545 AFN77183.1	347

consensus

-  non conserved
-  similar
-  ≥ 50% conserved