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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYL	KEHQDV	FDEID	HKVRAAH	GLDDSEVAETEEE	.TTASKTK..	AKAKKEEKAVETEEIELELED..	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	DKQVRSKF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	DKQVRSKF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	DKQVRSKF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	DKQVRSKF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYL	ADNPEV	FAEID	HQVRVQF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYL	ADNPEV	FAEID	HQVRVQF	GLDGEVSEQDTE	.NKKDE.....	PKKEEA..VNEEVPLDLGDEL	382	
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYL	ADHP	QLFDEID	RKVRVKF	GLLEESEEEESAMAV	.ASE.....	E.....TDDLALDLNNGI	374	
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFL	ADNPEV	FDDID	HKVRVQY	GLIEEDNTEEKQSS	.KEK.....	ETDEK..ADKNLVLELDDTI	379	
NTDB id 115 BSU 16940 NP 389576.2	EERLGGQ	RENAKQFL	KENKDI	MLMIQE	QIREHY	GLDNNGVVQQQAE	.TQEEL.E..	FE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGR	ENAKNYL	ADHEDV	EDVRLK	VRAAY	GLSDVPEEDLPTTE	.DE.QI.N..	ILPDDST.....	EE.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQCK	EKTIA	YIAER	PEMEQE	IRDRV	MAAIRAGNAGEAPALAPAPAAPEAAEA	.....	.....	.....	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGR	ENSKAFL	KENPEI	ADEIT	KAIQNSM	GLEGMISGS	.EDDEGE..	E.....	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGR	ENAKALL	KEDKAL	ADEITL	KTRESI	CSNEEIMPL..	PDEPLE..	EME.....	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGR	ENAKALL	KEDKAL	ADEITL	KTRESI	CSNEEIMPL..	PDEPLE..	EME.....	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGR	DIVKEL	IKDNPEI	AEELE	AKIREKL	QAK.....	.....	.....	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQCK	NNAVKWL	KENPEI	ADKLE	QETRNTL	ASNPMSVLK..	ATASDSND	ESDVVEEFSE.....	EEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKIRALNC	VEMHITEG..	TQDETD.....	GERPE.....	E.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKIRALNC	VEMHITEG..	TQDETD.....	GERPE.....	E.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKIRALNC	VEMHITEG..	TQDETD.....	GERPE.....	E.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCREF	LREN	AELARE	IEENKV	REHLGVTPMGAV..	TLAAEEVEE	D.....	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQCK	KANACKYL	KENPEI	AKTLD	KKLREMLLN	PENMQLI..	AETSSAAD	VEFGAVPE.....	EF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQCK	KANACKYL	KENPEI	AKTLD	KKLREMLLN	PENMQLI..	AETSSAAD	VEFGAVPE.....	EF.....	354
NTDB id 988799 AAHB48 RS07610 WP 000344169.1	GNKIGQCK	NNVIRY	FEENTQ	IAEIE	ERNIREQL	LTGTNGAV..	Q.I.EDEE	EPD..LLE	.....S.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQCK	NNVIRY	FEENTQ	IAEIE	ERNIREQL	LTGTNGAV..	Q.I.EDEE	EPD..LLE	.....S.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQCK	NNVIRY	LEENP	QISTE	IEAVI	REQLLTKASDQTA..	A.HDETEE	EPD..LLES	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQCK	KANA	AKYLE	ENPEI	GQEI	QQIRAKLL	VTSANTKA..	TPVAEDLAD	.I.....	347
consensus	**!!!	*****	**	*****	*****	**	**	*		

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	E	I	E	L	E	E
NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	I	E	I	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	I	E	I	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	I	E	I	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	I	E	I	E	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	I	E	I	E	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	I	E	I	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 1427 RS RS02760 WP 011000510.1	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	354
NTDB id 988799 AAHB48 RS07610 WP 000344169.1	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	349
NTDB id 1205 PSJM300 05545 AFN77183.1	347

consensus

- non conserved
- similar
- ≥ 50% conserved