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NTDB id 600 KW2 RS01765 WP 011675413.1	FAYNDEKIGQQA	EKAKNYLKEHQDV	FDEIDHKVRAAH	GLDDSEVAETE	EETASKTKAKAKK	EKA	AVETEEIELE	LED	.	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FLIDGEEVSE	QDTE	NKKDE	....PKKEEA	..VNEEVPLDL	GDGE	381	
NTDB id 228 SPD RS09265 WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FLIDGEEVSE	QDTE	NKKDE	....PKKEEA	..VNEEVPLDL	GDGE	381	
NTDB id 194 SPR RS08825 WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FLIDGEEVSE	QDTE	NKKDE	....PKKEEA	..VNEEVPLDL	GDGE	381	
NTDB id 159 SP RS09750 WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHP	EIFDEIDKQVRSK	FLIDGEEVSE	QDTE	NKKDE	....PKKEEA	..VNEEVPLDL	GDGE	381	
NTDB id 499 SM12261 RS08315 WP 078228268.1	YSYKDEKIGQGS	ENAKKYLADNPE	IFDEIDHQVVRVQ	FLIDGEEIAES	....KKDE	....AAQVDS	..VNEEVTLDL	GDGE	377		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	YSYKDEKIGQGS	ENAKKYLADNPE	VFAEIDHQVVRVQ	FLIDGEEAAES	....KKDE	....VAQVDS	..VNEEVTLDL	GDGE	377		
NTDB id 408 SMU RS09530 WP 002262392.1	YSYNGEKIGQGS	ENAKKFLADNPE	IFDDIDHKVVRVQ	GLIEEDNTEEK	QSSKEK	.....ETDEK	..ADKNLVLEL	DDT	378		
NTDB id 453 Spy49 1753c ACI62003.1	FSYNGEKIGQGS	ENAKRYLADHP	QIFDEIDRKVRVK	FLLEESEES	SAMAVASE	.....E	.....TDDLALD	LDNG	373		
NTDB id 115 BSU 16940 NP 389576.2	YSYEEERIGQG	RENAKQFLKENK	DIMLMIQEQIRE	HYGLDNNGVV	QQQAEEETQE	L	EFE	E	.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	YSYGSERIGQGR	ENAKNYLADHED	VEDEVRLKVR	AAAYGISDVPE	EDLPTTEDE	QI	NILPDDST	.....EE	.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	YSYGDERIGQCK	EKTIAIYIAER	PEMEQEIRDR	VMAAIRAGN	AGEAPALAP	AAP	..EA	.....AEA	.....	363	
NTDB id 1162495 U9975 RS04615 WP 197162147.1	YSYGGDNIGQGR	DNNTINWLEGN	PEQKEQIEAEV	RRRLTEGAD	VTANSLKPL	AAAAA	..KLAASS	S	AASSAS	ESGESVLDSE	390
NTDB id 1245 Cj1673c YP 002345041.1	FSYKDKKIGQGR	ENSKAFLKENPE	IADKALQNSM	GLEGMISG	SEDD	..EGEE	.....	.....	.....	343	
NTDB id 1211 C694 RS00795 WP 000963128.1	LSYQDKKIGQGR	ENAKALLKEDK	ALADEITLKI	KESIGSNEE	IMPLPDE	..PLEEM	..E	.....	.....	347	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	LSYQDKKIGQGR	ENAKALLKEDK	ALADEITLKI	KESIGSNEE	IMPLPDE	..PLEEM	..E	.....	.....	347	
NTDB id 1334 RA0C RS04870 WP 004918236.1	FSYQDTKIGQGR	DTVKELTKDN	PEIAEELAKI	REKLQAK	.....	.....	.....	.....	.....	343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	FSYDGTKIGQGN	NAVVKWLKENPE	IADKLEQEI	RNTLASNPNS	VLKATASDS	ND	..S	DVE	.....EFSEEL	... 372	
NTDB id 1130 NGFG RS03960 WP 003688695.1	YSYNGAKIGQK	DNVVRVWLKENPE	ISDEIDAKI	RALNCVEMH	ITEGTQDET	DGER	.....PEE	.....	.....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	YSYNGAKIGQK	DNVVRVWLKENPE	ISDEIDAKI	RALNCVEMH	ITEGTQDET	DGER	.....PEE	.....	.....	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	YSYNGAKIGQK	DNVVRVWLKENPE	ISDEIDAKI	RALNCVEMH	ITEGTQDET	DGER	.....PEE	.....	.....	348	
NTDB id 1427 RS RS02760 WP 011000510.1	YSYNGERIGQGR	DNCREFLREN	AELAREIENK	VREHLGVTPM	GAVTLA	..EEVEE	.....	.....	.....	352	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	YSYNGDKIGQK	ANACKYLKENPE	IAKTLDKKL	REMLLNPEN	MQLIAETSS	AADDV	..EFG	.....AVPEEF	.... 354		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	YSYNGDKIGQK	ANACKYLKENPE	IAKTLDKKL	REMLLNPEN	MQLIAETSS	AADDV	..EFG	.....AVPEEF	.... 354		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	YSYQGNKIGQK	NNVIRYLEENP	QISTEIAVIRE	QLLTKASD	QTAA	..HDETEE	..P	DLL	.....ES	..... 349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	YSYQGNKIGQK	NNVIRYFEENP	QIAEIERNIRE	QLLTGTNG	AVQ	..I	EDEE	..P	DLL	.....LES	..... 349
NTDB id 1205 PSJM300 05545 AFN77183.1	YAYKGSKIGQK	ANAACKYLEEN	PEIQEIEQQI	RAKLLVTSAN	TATPVAED	LADA	..DI	.....	.....	347	
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	L E I E L E E	
NTDB id 600 KW2 RS01765 WP 011675413.1	.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	L.EIEIEE.	388
NTDB id 228 SPD RS09265 WP 001085462.1	L.EIEIEE.	388
NTDB id 194 SPR RS08825 WP 001085462.1	L.EIEIEE.	388
NTDB id 159 SP RS09750 WP 001085462.1	L.EIEIEE.	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	L.EIEIEE.	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	L.EIEIEE.	384
NTDB id 408 SMU RS09530 WP 002262392.1	I.ELED...	383
NTDB id 453 Spy49 1753c ACI62003.1	I.EIED...	378
NTDB id 115 BSU 16940 NP 389576.2	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	.....	363
NTDB id 1162495 U9975 RS04615 WP 197162147.1	AASLESAAS	399
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1334 RA0C RS04870 WP 004918236.1	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....	348
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 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.....	347

consensus

⊠ non conserved  
⊠ similar  
⊠ ≥ 50% conserved