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NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPD RS09265 WP 001085462.1
NTDB id 194 SPR RS08825 WP 001085462.1
NTDB id 159 SP RS09750 WP 001085462.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 1245 Cj1673c YP 002345041.1
NTDB id 1214 NCTC11637 00359 SQJ03206.1
NTDB id 1211 C694 RS00795 WP 000963128.1
NTDB id 1334 RAOC RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
NTDB id 1130 NGFG RS03960 WP 003688695.1
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NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 277274 C6W72 RS11790 WP 000963143.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1205 PSJM300 05545 AFN77183.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEE	EKAVETEEIELELED		387					
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385					
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385					
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385					
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	IDGEEVSEQDTENKKDE	PKKEEA	.VNEEVPLDLGDELEIE		385					
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	IDGEEIAES	KKDE	AAQVDS	.VNEEVTLDLGDELEIE	381					
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEVFAE	IDHQVRVQFGL	IDGEEAAES	KKDE	VAQVDS	.VNEEVTLDLGDELEIE	381					
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE	E	TDDLALDLN	GIEIE	377					
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKQSSKEK	ETDE	K..ADKNLVLEL	DDTIELE	382					
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENK	DIIMLIQE	IREHYGL	DNNGVVQQAEETQEEL	EFE	E	348					
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHEDVE	DEVRLKVR	AAYGIS	SDVPEEDLPTTEDE	.QI	.NILPDDST	355					
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIA	YIAERPEMEQE	IRDRVMAA	IRAGNAGEAPALAPAPA	AAPEAA	EA	363					
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGGG	RENSKAF	LKENPEIA	DEITKAI	QNSMCI	EGM	ISGSEDDEG	EE	343				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKED	KALADEITL	KIKESIGS	NEE	IMPLPDEPL	EEME	347					
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKED	KALADEITL	KIKESIGS	NEE	IMPLPDEPL	EEME	347					
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RD	TVKELIK	DNPELA	EELEAK	IREKLQAK		343					
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWL	KENPEIA	DKLEQE	IRNTL	ASNP	SVLKATASDSN	DES	DVEEFSEEEL	372			
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWL	KENPEIS	DEIDAK	IRALNG	VEMH	ITEG	T	QDET	DGERPEE	348		
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWL	KENPEIS	DEIDAK	IRALNG	VEMH	ITEG	T	QDET	DGERPEE	348		
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQG	KDNVRVWL	KENPEIS	DEIDAK	IRALNG	VEMH	ITEG	T	QDET	DGERPEE	348		
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	RDNC	REFLRENAEL	AREIEN	KVREHL	GVTPM	GAVTLAEE	VE	ED		352		
NTDB id 277274 C6W72 RS11790 WP 000963143.1	GEKIGQG	KANATAWL	KDNPETAKE	EIEKKV	RELLLSNP	N	STPDFSV	D	DSEG	VAETNEDF	353		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKYL	KENPEIA	AKTLD	DKKL	REMLLN	PN	MQLIAETSSAA	DDV	EFGAVPEEF	354		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKYL	KENPEIA	AKTLD	DKKL	REMLLN	PN	MQLIAETSSAA	DDV	EFGAVPEEF	354		
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAAYLEEN	PEIGQ	EIEQQ	IRAKLL	VTSA	NTKATPVAEDL	ADAD	I		347		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRY	LEENPQ	ISTEIE	AV	IREQLLT	TKAS	DQTAA	HDETE	EED	LLLES	349	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRY	FEENNQ	IAEEI	ERN	IREQLLT	TGT	NGAVQ	I	EDE	EED	LLLES	349
consensus	***!!!	*****	**	*****	*****	**	*	*	*	*	*	*	*

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NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
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NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
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NTDB id 1245 Cj1673c YP 002345041.1	...	343	
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consensus			

- X non conserved
- X similar
- X ≥ 50% conserved