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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 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
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
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 256070 CU111 RS26330 WP 002914769.1
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 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
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NTDB id 1022 ACIAD RS06390 WP 0004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
consensus

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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	ASKTKAKAKKEEKAVETEEIELELED	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 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEV	FAEIDHQVRVQFGL	IDGEEAAE...SKKDE...VAQVDS..VNEEVTLDLGDELEIE	381		
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	IDGEEIAE...SKKDE...AAQVDS..VNEEVTLDLGDELEIE	381		
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVASE.....E.....TDDLALDLNNGIEIE	377		
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVRVQYGL	IEEDNTEEEKSSKEK.....ETDEK..ADKNLVLELDDTIELE	382		
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENK	DIIMLIQEIQ	IREHYGLDNNGVVQQAEETQEEL	..EFE.E.....	348	
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHED	VEDEVRLKVR	AAYGISDVP	PEEDLPTTEDE.QI.NILPDDST.....EE.....	355	
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIAYIAER	PEMEQEIRDR	MAAIRAGNAGEAPALAPAPAA	..PEAAEA.....	363	
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGGG	RENSKAF	LKENPEIADEIT	KAIQNSMCI	EGMISGSEDDE..GE.E.....	343	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKED	KALADEITLK	IKESIGS	NEEIMPLPDEP..LE.EME.....	347	
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKED	KALADEITLK	IKESIGS	NEEIMPLPDEP..LE.EME.....	347	
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIK	DNPELAEELEAK	IREKLQAK		343	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKEN	PEIADKLEQEIR	NTLASNPNSVLKATAS	..D...SNDES	DVEEFSEEE..L.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKEN	PEISDEIDAKIR	ALNGVEMHITEGTQDE	..TD.....GERPEE.....	348	
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKEN	PEISDEIDAKIR	ALNGVEMHITEGTQDE	..TD.....GERPEE.....	348	
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQG	KDNVRVWLKEN	PEISDEIDAKIR	ALNGVEMHITEGTQDE	..TD.....GERPEE.....	348	
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	RDNCREF	LRENAELAREI	ENKVRHLGV	TPMGAVTLAEE..VE.ED.....	352	
NTDB id 256070 CU111 RS26330 WP 002914769.1	GDKIGQG	KANAITWLKEN	PAAAKEIEKKV	RELLLNQDAKPD	..FV..VD.GNDAEETE	QDF.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKY	LKENPEIAKTLD	KKLREMLLN	PENMQLI..AE.....TSSA	ADDVEFGAVPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKY	LKENPEIAKTLD	KKLREMLLN	PENMQLI..AE.....TSSA	ADDVEFGAVPEEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAAYLEEN	PEIGQIEEQ	IRAKLLV	TSANTKA..TP..VA.ED	LADADI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRY	LEENPQISTE	IEAVIREQL	LLTKASDQTA..A...HD.ETEE	EPDLLES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRY	FEENNQIAEEI	ERNIREQL	LLTTGTNGAV..Q...I..E	DEEPPDLLLES.....	349
consensus	***!!!	*****	**	*****	*****	**	**

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	IEE	388
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 453 Spy49 1753c ACI62003.1	D..	378
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NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349

consensus

 non conserved
 similar
 ≥ 50% conserved