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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGGQAEKAKNYLKEHQDVFEIDHKVRAAHGILDDSEVAETEE.ETTASKTKAKAKKEEKAVETEEIELELED...	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDT.ENKKDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDT.ENKKDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDT.ENKKDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDT.ENKKDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGGQSENAKKYLADNPEVFAEIDHQVVRVQFCIDGEEAAE....SKKDE....VAQVDS..VNEEVTLDLGDELEI	380
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGGQSENAKKYLADNPEIFDEIDHQVVRVQFCIDGEEIAE....SKKDE....AAQVDS..VNEEVTLDLGDLEI	380
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGGQSENAKKFLADNPEIFDDIDHKVVRVQYGLIEDNTEEKQS.SKEK.....ETDEK..ADKNLVLELDDTIEL	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGGQSENAKRYLADHPQLFDEIDRKVVRVKFCLLEESEESAMA.VASE.....E.....TDDLALDLNNGIEI	376
NTDB id 115 BSU 16940 NP 389576.2	EERLGGQRENAKQFLKENKDIMLMIQEQTREHYCLDNNGVVQQQAE.ETQEL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGGQRENAKNYLADHEDVEDEVRLKVRVAAAYGISDVPEEDLPTT.EDE.QI.NILPDDST....EE.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGGQCKEKTIAIYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPAAEA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGRENSKAFLENPEIADEITKATQNSMCIEGMISGS..EDDEG..EE.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGRENAKALLKEDKALADEITLTKESIGSNEEIMPL..PDEPL..EEME.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGRENAKALLKEDKALADEITLTKESIGSNEEIMPL..PDEPL..EEME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGRDITVKELIKDNPEIAEELAKIREKLQAK.....	343
NTDB id 1155796 QWI75 RS10505 WP 289268530.1	GERLGGQCREQVRDEFLKNNPATAIRDIEHRTRESSCVGAKASDK..RSDKDDKHKKKADAKGEEKERRSHAVRG.....	366
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGGQKNNAVKWLKENPEIADKLEQETRNTLASNPNSVLK..ATASDSNDESDVEEFSEEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGGQKDNVVRVWLKENPEISDEIDAKTRALNCVEMHITEG..TQDETdGER.....PEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGGQKDNVVRVWLKENPEISDEIDAKTRALNCVEMHITEG..TQDETdGER.....PEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGGQKDNVVRVWLKENPEISDEIDAKTRALNCVEMHITEG..TQDETdGER.....PEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGGQRDNCREFLRENAREIENKVRHLGVTPMGAVT..LA.EEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGGQKANACKYLLKENPEIAKTLDKKLREMLLNPNEMQLI..AETSSAADDFEFGAVPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGGQKANACKYLLKENPEIAKTLDKKLREMLLNPNEMQLI..AETSSAADDFEFGAVPEEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGGQKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTA..A.HDETEEEDPDL..ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGGQKNNVIRYFEENQIAEIERNIREQLLTTGTNGAV..Q.I.EDEEEDPDL..LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGGQKANAAKYLLKENPEIQEIEQQIRAKLLVTSANTKA..TPVAEDLADADI.....	347
consensus	**!!!** ** * ** ** ** **	

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	E	L	E	E	
NTDB id 600 KW2 RS01765 WP 011675413.1	387
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NTDB id 228 SPD RS09265 WP 001085462.1	E	I	E	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	I	E	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	I	E	E	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	I	E	E	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	I	E	E	384
NTDB id 408 SMU RS09530 WP 002262392.1	E	D	.	.	383
NTDB id 453 Spy49 1753c ACI62003.1	E	D	.	.	378
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consensus

-  non conserved
-  similar
-  $\geq 50\%$ conserved