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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGAEKAKNYLKEHQDVFEIDHKVRAAHGLDDSEVAETEEETTASHTKAKAKKEEKAVETEEIELELED....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLDIGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLDIGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLDIGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLDIGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEIE	385
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGSENAKKYLADNPEIFDEIDHQVVRVQFGLIDGEEIAES...KKDE...AAQVDS..VNEEVTLDLGDELEIE	381
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGSENAKKYLADNPEVFAEIDHQVVRVQFGLIDGEEAAES...KKDE...VAQVDS..VNEEVTLDLGDELEIE	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGSENAKRYLADHPQLFDEIDRKRVRVQFGLLEESEESAMAVASE.....E.....TDDLALDLNGIEIE	377
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGSENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK.....ETDEK...ADKNLVLELDDTIELE	382
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGRENAKNYLADHEDVEDEVRLKVRVRAAYGISDVPEEDLPTTED.EQIN.....ILPDDSTEE.	355
NTDB id 1165909 AB3Y92 RS08885 WP 058013944.1	EERLGGGRENAKQFLKENKDILLMIQEQUIREHYGLDTNGVKVAEEEEEGQEELE.....I.....	346
NTDB id 115 BSU 16940 NP 389576.2	EERLGGGRENAKQFLKENKDILLMIQEQUIREHYGLDNNGVVQQAEETQEELE.....FEE.....	348
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPAPEAAEA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGRENSKAFLENPEIADAITKAIQNSMGTIEGMI....SGSEDDE..GEE.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEI....MPLPDEP..LEEME.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGRENAKALLKEDKALADEITLKIKESIGSNEEI....MPLPDEP..LEEME.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGRDTRVKELIKDNPELAEELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQGXNNAVKWLKENPEIADKLEQEIIRNTLASNPNS....VLKATASDSNDESD..VEEFSEEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGXDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERPEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGXDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERPEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGXDNVVRVWLKENPEISDEIDAKIRALNGVEMHI....TEGTQDET.....GERPEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGRDNCREFLRENAELAREIENKVRHGLVTPMG....AV.TLAEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQGXANACKYLKENPEIAKTLDKKLRREMLLNPNM....QLIAETSSAADDVE..FGAVPEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQGXANACKYLKENPEIAKTLDKKLRREMLLNPNM....QLIAETSSAADDVE..FGAVPEEF.....	354
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQGXNNVIRYFEENNQIAEIEIERNIREQLLTTGTN....GAVQ.I.EDEEEDPD...LLES.....	349
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQGXNNVIRYLEENPQISTEIEAVIREQLLTKASD....QTAA.HDETEEEDPD...LLES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQGXANAKYLEENPEIGQEIEQQIRAKLLVTSAN....TKATPVAEDLADAD....I.....	347
consensus	**!!**!* ** * ** * ** * ** * ** *	

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NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
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consensus

 non conserved
 similar
 ≥ 50% conserved