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NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHGL	LDDSEVAETEET	TASKTKAKAKKEEKAVETEEIELELED.....	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFG	LIDGEEVSEQD	TENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387	
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFG	LIDGEEVSEQD	TENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387	
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFG	LIDGEEVSEQD	TENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387	
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFG	LIDGEEVSEQD	TENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGS	ENAKKYLADNPEV	FAEIDHQVVRVQ	FGLIDGEEAAE...	SKKDE...VAQVDS..VNEEVTLDLGDELEIEIE	383	
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGS	ENAKKYLADNPEIF	DEIDHQVVRVQ	FGLIDGEEIAE...	SKKDE...AAQVDS..VNEEVTLDLGDELEIEIE	383	
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGS	ENAKRYLADHPQL	FDIEDRKVRVKF	GLEESEEEESAM	AVASE.....E.....TDDLALDLN	GIIEIED.	378
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGS	ENAKKFLADNPEIF	DDIDHKVVRVQ	YGLIEEDNTEEK	QSSKEK.....ETDEK..ADKNLVLEL	DDTIELED.	383
NTDB id 115 BSU 16940 NP 389576.2	RLGQGR	ENAKQFLKENKDI	MLMIQEYIREHY	GLDNNGVVQQ	QAEETQEEL.EFE.E.....		348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGR	ENAKNYLADHED	VEDEVRLKVR	AAYGISDVPEE	DLPTTEDE.QI.NILPDDST.....EE.....		355
NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGK	EKTIAITAERP	EMEQEIRDRV	MAAIRAGNAGE	APALAPAPAAPEAAEA.....		363
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGR	ENSKAFLKENPEI	ADEITKAIQNSM	GTEGMIS.....	GSEDDE..GEE.....		343
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGR	ENAKALLKEDK	ALADEITLKI	KESIGSNEEIM...	PLPDEP..LEEME.....		347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGR	ENAKALLKEDK	ALADEITLKI	KESIGSNEEIM...	PLPDEP..LEEME.....		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGR	DTVKELIKDNP	ELEAKIREKL	QAK.....			343
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWLKENPEI	SDEIDAKIRAL	NGVEMHIT....	EGTQD..ETDG...ERP.....EE.....		348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWLKENPEI	SDEIDAKIRAL	NGVEMHIT....	EGTQD..ETDG...ERP.....EE.....		348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGD	NVRVWLKENPEI	SDEIDAKIRAL	NGVEMHIT....	EGTQD..ETDG...ERP.....EE.....		348
NTDB id 393134 GCS91 RS29600 WP 154836140.1	KIGQGR	DNAREFLRENS	DLAVEIENKVR	DSLGIALLPT...	AGGDA..PEAKAAKGAKA.....KADKDG	VIEA...	367
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGR	DNCREFLRENA	EELAREIENK	VREHLGVTPM	GA....VTLAE..EVEE.....D.....		352
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGN	NAVKWLKENPEI	ADKLEQEI	RNTLASNPNSV...	LKATASDSNDES	DVEEFS.....EEEL.....	372
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGN	ANACKYLKENPEI	AKTLDKKLRE	MLLNPENMQ...	LIAETSSAADD	VEFGAVP.....EEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGN	ANACKYLKENPEI	AKTLDKKLRE	MLLNPENMQ...	LIAETSSAADD	VEFGAVP.....EEF.....	354
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGN	ANAACKYLEEN	PEIGQIEEQ	IRAKLLVTSANT...	KATPVAEDL	ADADI.....	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGN	NVIRYLEENP	QISTEIEAV	IREQLLTKASDQ...	TAA.HDETEE	EPDLL..E.....S.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGN	NVIRYFENN	QIAEERIERN	IREQLLTTGTNG...	AVQ.I.EDEE	EPDLL..L.....ES.....	349
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NTDB id 194 SPR RS08825 WP 001085462.1	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	384
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consensus

 non conserved
 similar
 ≥ 50% conserved