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NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYL	KEHQDV	FDEID	HKVRAAH	GLDDSEVAETE	EETTASKTKAKAKK	EEKAVETE	EIELELED	387	
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	KQVRSKF	GLDGE	EVSEQD	TENKKDE	....PKKEEA	..VNEEVPLDLGDELEIE	385
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	KQVRSKF	GLDGE	EVSEQD	TENKKDE	....PKKEEA	..VNEEVPLDLGDELEIE	385
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	KQVRSKF	GLDGE	EVSEQD	TENKKDE	....PKKEEA	..VNEEVPLDLGDELEIE	385
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYL	AEHP	EIFDEID	KQVRSKF	GLDGE	EVSEQD	TENKKDE	....PKKEEA	..VNEEVPLDLGDELEIE	385
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYL	ADNPE	VFAEID	HQVRVQF	GLDGE	EAAE	....SKKDE	....VAQVDS	..VNEEVTLDLGDELEIE	381
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYL	ADNPE	IFDEID	HQVRVQF	GLDGE	EIAE	....SKKDE	....AAQVDS	..VNEEVTLDLGDELEIE	381
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFL	ADNPE	IFDDID	HKVRVQY	GLIED	NTEEKQSSKEK	.....ETDEK	..ADKNLVLELDDTIELE		382
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYL	ADHP	QIFDEID	RKVRVKF	GLLEE	SEESAMAVASE	.....E	.....TDDLALDL	LDNGIEIE	377
NTDB id 115 BSU 16940 NP 389576.2	EERL	GGRENAK	QFLKEN	KDMLMI	QEQR	REHY	CDNNGV	VVQQAEETQEEL	.EFE.E	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQGS	ENAKNYL	ADHED	VEDEV	RLKVR	AAAY	GISDV	PEEDLPTTEDE	.QI.NILPDDST	.....EE	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQCK	EKTIA	YIAER	PEMEQE	IRDRV	MAAIR	RAGNAGE	APALAPAPAAPEAAEA	.....		363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGQGS	ENSKAFL	KENPEI	ADEIT	KATQNSM	GLEGMI	.....SG	SEDDEG	..EE	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGQGS	ENAKALL	KEDKAL	ADEIT	LKIKESI	CSNEEI	....MPL	PDEPL	..EEME	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGQGS	ENAKALL	KEDKAL	ADEIT	LKIKESI	CSNEEI	....MPL	PDEPL	..EEME	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGQGR	DIVKEL	IKDNPEI	AEELE	AKIREKL	LQAK	.....				343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQCK	NNAVK	WLKENPEI	ADKLE	QET	RNTLA	SNPNSVLK	ATASDSNDES	DVEEFSEE	..EL	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKTRALN	CVEMHITEGT	QDETDGER	PEE	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKTRALN	CVEMHITEGT	QDETDGER	PEE	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQGD	NVRVWL	KENPEI	SDEID	AKTRALN	CVEMHITEGT	QDETDGER	PEE	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQGR	DNCRE	FLREN	AELARE	IENKV	REHL	GVTPM	....AVTL	AE.EVEED	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQCK	KANACKYL	KENPEI	AKTLD	KKLREML	LNPNEM	....QLIA	..ETSSA	ADDVEFGAVPEEF	.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQCK	KANACKYL	KENPEI	AKTLD	KKLREML	LNPNEM	....QLIA	..ETSSA	ADDVEFGAVPEEF	.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQCK	NNVIRYL	LENP	QISTE	IEAVI	REQLL	TKASDQTA	AHD.ETEE	EPDLLS	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQCK	NNVIRYL	FEEN	NCIAE	IEERN	IREQLL	TTGTNGAV	QI..EDEE	EPDLLS	349
NTDB id 1122553 EL203 RS04225 WP 058472162.1	QEKIGQGD	NVRVLYL	KENP	QVAQV	LEQQI	RAELL	VKKLPVNAE	AE.ETLES	VDE	347
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQCK	KANA	AKYLEN	PEI	GQIE	QQI	RAKLL	VTSANTKAT	PVAEDLADADI	347
consensus	**!!!	*****	**	*****	*****	**	**	**				

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NTDB id 600 KW2 RS01765 WP 011675413.1 ... 387
NTDB id 269 KZH43 RS08665 WP 001085462.1 IEE 388
NTDB id 228 SPD RS09265 WP 001085462.1 IEE 388
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 408 SMU RS09530 WP 002262392.1 D.. 383
NTDB id 453 Spy49 1753c ACI62003.1 D.. 378
NTDB id 115 BSU 16940 NP 389576.2 ... 348
NTDB id 625 LCA RS02525 WP 011374196.1 ... 355
NTDB id 1313 DR RS12030 WP 010888966.1 ... 363
NTDB id 1245 Cj1673c YP 002345041.1 ... 343
NTDB id 1214 NCTC11637 00359 SQJ03206.1 ... 347
NTDB id 1211 C694 RS00795 WP 000963128.1 ... 347
NTDB id 1334 RAOC RS04870 WP 004918236.1 ... 343
NTDB id 1389 A4U84 RS07560 WP 021112712.1 ... 372
NTDB id 1130 NGFG RS03960 WP 003688695.1 ... 348
NTDB id 1124 NGFG RS03960 WP 003688695.1 ... 348
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NTDB id 1427 RS RS02760 WP 011000510.1 ... 352
NTDB id 1165 A1552VC RS01565 WP 000344154.1 ... 354
NTDB id 1142 GTF74 RS11550 WP 000344154.1 ... 354
NTDB id 1022 ACIAD RS06390 WP 004925639.1 ... 349
NTDB id 1074 ABD1 RS10195 WP 000344167.1 ... 349
NTDB id 1122553 EL203 RS04225 WP 058472162.1 ... 347
NTDB id 1205 PSJM300 05545 AFN77183.1 ... 347
consensus
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