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NTDB id 601 KW2 RS02615 WP 021036805.1	MLCQNCNINEA.....TI	13
NTDB id 378 SMU RS02690 WP 002263569.1	MLCQNCNINEA.....TI	13
NTDB id 241 SP RS04015 WP 000882523.1	MLCQNCNINDS.....TI	13
NTDB id 281 KZH43 RS03550 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 245 SPD RS03860 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 243 SPR RS03635 WP 000882517.1	MLCQNCNINDS.....TI	13
NTDB id 85 BSU 00860 NP 387967.1	..MMFGRFTERAQKVLALAQEEALRLGHNNIGTEHILLGLVREGEGIAAKALQALGLGSEKIQKEVESLIG.....RGQEMS	75
NTDB id 610 V4T04 RS10165 WP 012897346.1	MKFENIKYPTPTLDRILEKAEYYAHQYQYGTIESAHLIAAMATTSGSIAYSLLAGMNVDSDDLIDL.....EDLSSHVKVKR	77
NTDB id 290 KZH43 RS10025 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 289 SPD RS10700 WP 001109677.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 287 SP RS11210 WP 001109712.1	MNYSKALNECIESAYMVAGHFGARYLESWHLLIAMSNHSYSVAGATLNDYPYEMDRLE.....EVALELTETDYSQDET	75
NTDB id 377 SMU RS09275 WP 002262344.1	MTDYSLKMQEVFRLAQFEAAERFESSYLESWHVLLAMVEIDSSVAGLSFAEFADVRFEDYQAAAILAIGKKPKSSSN..DI	79
NTDB id 297 STER RS00545 WP 011680614.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVTGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
NTDB id 329 STU RS10020 WP 011225298.1	MTIYSRKMQAIFHRAQLEAERFESPFLLETWHVLLAMVEVPGSAVYLTFTDFEDRIHSEEIETAAVLAMEKRPKDLSESDII	81
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NTDB id 601 KW2 RS02615 WP 021036805.1	HLYTSVNGKQKQIDLCQNCYQ...IMKSGGQALFGAGNASNGNSDEP.....FNP.FNDIFSALQGG.DFNGAASN.	80
NTDB id 378 SMU RS02690 WP 002263569.1	HLYANVNGKQKQIDLCQNCYQ...IMKTDPENGPLNHLISQQNSSS.....INPFFDDFFGDLNNFRFANNQDLP.	79
NTDB id 241 SP RS04015 WP 000882523.1	HLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..TP.	76
NTDB id 281 KZH43 RS03550 WP 000882517.1	HLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..TP.	76
NTDB id 245 SPD RS03860 WP 000882517.1	HLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..TP.	76
NTDB id 243 SPR RS03635 WP 000882517.1	HLYTNLNGKQKQIDLCQNCYK...IIKTDPNNSLFKGMTDLNNRD.....FDP.FGDDFFNDLNNFRPSSN..TP.	76
NTDB id 85 BSU 00860 NP 387967.1	QTIHYTPRAKKVIELSMDEARKLGHSYVGTEHILLGLIREGEGVAARVILNNLGVSLNKARQQVLQL.....LGSNET....	147
NTDB id 610 V4T04 RS10165 WP 012897346.1	STLRFSPRAEEVMTAASFIAIHNNSEAVGTEHLLYALLQVEDGFGQLLKL.....QKINIVSLRKELEKRTGLKVPESSKK	153
NTDB id 290 KZH43 RS10025 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 289 SPD RS10700 WP 001109677.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 287 SP RS11210 WP 001109712.1	TELPFSRRLQILFDEAEYVASVVHAKVLGTEHVLYAILHDGNALATRILERAGFSYEDKKDQVKIAALRRNLEERAGWTREDLKA	160
NTDB id 377 SMU RS09275 WP 002262344.1	MILEQSHALKRTIAEAAAISQVTHAKEVGTEHVLFAMLLNPNLLATRILELVGFHAKDDGESIRLLDLRKVTERYACFSKEDIKA	164
NTDB id 297 STER RS00545 WP 011680614.1	DLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLHLKDLMVCRLLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
NTDB id 329 STU RS10020 WP 011225298.1	DLRAQSPALEAMLQEAQGIASVTGAVEVGSEHVLMAFLHLKDLMVCRLLLEVAGFQYKDDSDKPRIIDLRRSLERNAGLSKQDLKA	166
consensus	* ** * * * *	

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NTDB id 601 KW2 RS02615 WP 021036805.1	QTPPTQTGG.....RGPRGPQNPRAKQPKGMLEEFGINITESARRGEIDPVIGRDEEIKRVIEILNRRRTKNNPVL	151
NTDB id 378 SMU RS02690 WP 002263569.1	NTPPTQAGGGNGNGGN.N.RRPGGPQQQASQKPNGLLEEFGINLTDIARKGEIDPVIGRDEEITRVIEILNRRRTKNNPVL	158
NTDB id 241 SP RS04015 WP 000882523.1	PIPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEEFGINVTEIARRGIDPVIGRDDEIIRVIEILNRRRTKNNPVL	157
NTDB id 281 KZH43 RS03550 WP 000882517.1	PIPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEEFGINVTEIARRGIDPVIGRDDEIIRVIEILNRRRTKNNPVL	157
NTDB id 245 SPD RS03860 WP 000882517.1	PIPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEEFGINVTEIARRGIDPVIGRDDEIIRVIEILNRRRTKNNPVL	157
NTDB id 243 SPR RS03635 WP 000882517.1	PIPPTQSGGGYGGNGGYGSQNRGSAQTTPPSQEKGLLEEFGINVTEIARRGIDPVIGRDDEIIRVIEILNRRRTKNNPVL	157
NTDB id 85 BSU 00860 NP 387967.1	GSSAAGTNSNANTPTLDSLARDLTAIAKEDSLDPVIGRSKEIQRVIEVLSRRTKNNPVL	207
NTDB id 610 V4T04 RS10165 WP 012897346.1	AVTPMSKRKMAKG.....VAENSTPTLDSVSSDLTEEARLGLKLDPMIGRAEIDRLIHILSRRTKNNPVL	220
NTDB id 290 KZH43 RS10025 WP 001109677.1	.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRMQILSRKTNNPVL	233
NTDB id 289 SPD RS10700 WP 001109677.1	.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRMQILSRKTNNPVL	233
NTDB id 287 SP RS11210 WP 001109712.1	.LRQRHRTV.ADK.....QNSMANMMGMPTPSGGLEDYTHDLTEQARSCKLEPVIGRDKEISRMQILSRKTNNPVL	233
NTDB id 377 SMU RS09275 WP 002262344.1	.IFEMRKPKKVKN.....SSFSFLMKPP.SVTGELADFTRLTELARQGRLEPVIGRDEQEISRMVQILSRKTNNPVL	237
NTDB id 297 STER RS00545 WP 011680614.1	.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMQIVLSRKTNNPVL	240
NTDB id 329 STU RS10020 WP 011225298.1	.IHDLRKPKKSKA.....SANFANMMQPPQSSTGELADYTKDLTALAESGNLDPVIGRDEEISRMQIVLSRKTNNPVL	240
consensus	* *	

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NTDB	id	601	KW2	RS02615	WP	021036805.1	Q	I	L	E	D	G	R	L	T	D	A	Q	G	R	T	V	S	F	K	D	S	L	I	I	M	T	S	N	A	C	T	G	K	.	.	V	E	A	S	V	G	F	G	A	A	R	E	G	.	.	.	.	.	R	T	K	S	V	L	G	L	G	D	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	S	A	L	S	K	645
NTDB	id	378	SMU	RS02690	WP	002263569.1	Q	V	L	D	D	G	R	L	T	D	G	Q	G	R	T	V	S	F	K	D	T	I	I	M	T	S	N	A	C	T	G	K	.	.	S	E	A	N	V	G	F	G	A	S	R	E	G	.	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	Q	A	L	S	K	652
NTDB	id	241	SP	RS04015	WP	000882523.1	Q	V	L	D	D	G	R	L	T	D	G	Q	G	R	T	V	S	F	K	D	A	I	I	M	T	S	N	A	C	T	G	K	.	.	T	E	A	S	V	G	F	G	A	A	R	E	G	.	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	K	A	L	S	K	65
NTDB	id	281	KZH43	RS03550	WP	000882517.1	Q	V	L	D	D	G	R	L	T	D	G	Q	G	R	T	V	S	F	K	D	A	I	I	M	T	S	N	A	C	T	G	K	.	.	T	E	A	S	V	G	F	G	A	A	R	E	G	.	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	K	A	L	S	K	651
NTDB	id	245	SPD	RS03860	WP	000882517.1	Q	V	L	D	D	G	R	L	T	D	G	Q	G	R	T	V	S	F	K	D	A	I	I	M	T	S	N	A	C	T	G	K	.	.	T	E	A	S	V	G	F	G	A	A	R	E	G	.	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	K	A	L	S	K	651
NTDB	id	243	SPR	RS03635	WP	000882517.1	Q	V	L	D	D	G	R	L	T	D	G	Q	G	R	T	V	S	F	K	D	A	I	I	M	T	S	N	A	C	T	G	K	.	.	T	E	A	S	V	G	F	G	A	A	R	E	G	.	.	.	.	.	R	T	N	S	V	L	G	E	L	G	N	F	F	S	P	E	F	M	N	R	F	D	G	I	E	F	K	A	L	S	K	651
NTDB	id	85	BSU	O0860	NP	387967.1	Q	V	L	E	D	G	R	L	T	D	S	K	G	R	T	V	D	F	R	N	T	I	L	I	M	T	S	N	V	G	A	S	E	L	K	R	N	K	V	V	G	F	N	V	Q	D	E	T	Q	N	H	K	D	M	K	D	K	V	M	G	E	L	K	A	F	R	P	E	F	I	N	R	I	D	E	I	V	F	H	S	L	E	K	716
NTDB	id	610	V4T04	RS10165	WP	012897346.1	Q	I	L	D	D	G	F	V	T	D	T	K	G	R	K	V	D	F	R	N	T	I	I	M	T	S	N	L	G	A	T	A	L	R	D	D	K	T	V	G	F	G	A	K	N	I	T	A	D	Y	S	A	M	K	S	R	I	L	E	E	L	K	R	H	Y	R	P	E	F	I	N	R	I	D	E	I	V	F	H	S	L	E	S	725
NTDB	id	290	KZH43	RS10025	WP	001109677.1	Q	V	L	D	D	G	V	L	T	D	S	K	G	R	K	V	D	F	S	N	T	I	I	M	T	S																																																										

