

Supplementary Figure 1. RodA alignments.

<input checked="" type="checkbox"/>	Query_RodA Bs	1	[ 1 ]	-----SRYKKQQSPFYQGDLIFIFGVFFIISVSVSIYAAGQFGQY	[ 1 ]	NTDWIQQIVFYLLGAVAITVLLYFDL	67
<input checked="" type="checkbox"/>	<a href="#">KRL33981</a>	1		-----MMMLGLIGLASIYVAAVHDSSSV--NV		TKQVISQVMWFVIGTAIAVIVMQFDS	51
<input checked="" type="checkbox"/>	<a href="#">WP_013103083</a>	1	[ 5 ]	SRqMSNRTSASELDWGIILALLLFMIIGLSSVYQAALHSQYGTVQMA		VRTTIVQGLFWVIGAIILFLLRFDA	78
<input checked="" type="checkbox"/>	<a href="#">WP_003866920</a>	1	[ 8 ]	-----NFDWGLLIVVLLICVYSVIVVTSASH--TLQTGSYR		--KVIIQIAAILVGLISIALICLFDY	66
<input checked="" type="checkbox"/>	<a href="#">WP_054095977</a>	1	[ 1 ]	RTvQKKRFLILNIDPFIIMVVL-----VLATISIVAISSATYTDDP		-TYVNKQIVWYVVGFLCMSIFLLLDY	67
<input checked="" type="checkbox"/>	<a href="#">WP_015798384</a>	1	[ 11 ]	TTwARLRS----YDALLWLLAAAVGVFGVVMVYSATRNQLELAGLSP		HYYLDRQAIFWVLGLIVMSVVAALDL	80
<input checked="" type="checkbox"/>	<a href="#">WP_012897546</a>	1	[ 2 ]	NKkANRFTFDSRIDYGLILPAFMLILIGLYALYVAVSHDHPQTATM		---VVQGTWVIVGLFVALIVMHMDS	72
<input checked="" type="checkbox"/>	<a href="#">WP_012283736</a>	1		---MRWKLAR-NLDLTLVAVVLLLLTFSIVIMRSASS---NVGADP		LAFARKQTIWVFVGITFVIISMFFHY	65
<input checked="" type="checkbox"/>	<a href="#">WP_010964563</a>	1	[ 4 ]	-----KLKIDKRTLKQIDFLIFLIPIVIAIFSSLNIYSAVHRNSA	[ 1 ]	ASTWKLQLIWCLMGIIAIYIIKMDY	71
<input checked="" type="checkbox"/>	<a href="#">WP_052670071</a>	1	[ 7 ]	SRwQEAYAPIKHLDPVLVLSALALTGIGLVAIYSAKLQALTDQGLSP		LLYISRQVLAMVVGILGMVAAVIDY	80
<input checked="" type="checkbox"/>	<a href="#">WP_021295852</a>	1		--mEMLRRNIRDLDFTVFGVLLLLAAAYGTIAIDAATHSHANPYIPSH		--IMVNQIVYEIVGVLALLATTVFDY	69
<input checked="" type="checkbox"/>	<a href="#">WP_004094495</a>	1	[ 8 ]	-----NLDFVLIAVTLLIIAISLIFIGSATHINSSIEDRYW		--YVQRQGAFALINIIVFWLLHYDY	68
<input checked="" type="checkbox"/>	<a href="#">AHC50233</a>	1	[ 13 ]	-----AFDWPLLAILLMFAALGLTMHSAVG-----GTDW		--RFAEQSRNFIIAFFAMWTMALIPP	67
<input checked="" type="checkbox"/>	<a href="#">CAA74601</a>	1		-----MARRLDWPILLAVALSLMGSLLVYSATRNRTELNQGDO		YYFLTRHLLNTGIGLALMVATVWLGH	65
<input checked="" type="checkbox"/>	<a href="#">WP_011524430</a>	1		---MAKRVSV---DKWLFGSTLLLVFIGLIMVFSASAVMAGEKFGSP		YAFFLRQLVWAVAGVGAMVVCMNIDY	67
<input checked="" type="checkbox"/>	<a href="#">WP_012256594</a>	1		----METRRWRDLDWGILVSVAVLLIIGSLALHSATL--NAVAGNGL	[ 2 ]	RPVFGRQIVYIVVGLIAMVAMMSFDY	69
<input checked="" type="checkbox"/>	<a href="#">ABF88160</a>	1	[ 6 ]	-----WGLIFSVLAVCGLGIWNLASASRPPHSPV----		---WGSQMGYLGISMVAVLVCLVDY	58
<input checked="" type="checkbox"/>	<a href="#">WP_023036458</a>	1	[ 2 ]	N-----NIYLKKISKFSVFFVFNIL---LLFIISLSTIYSATITKSE		-PFFIKEIIFWFIISVFVFGVSLVDY	66
<input checked="" type="checkbox"/>	<a href="#">WP_003815198</a>	1	[ 13 ]	-----AFDWPLLLILILFTLLGLTMHSAVG-----STDW		--RFAEQSRNFLIAFAAMWAMALVPP	67
<input checked="" type="checkbox"/>	<a href="#">WP_012893695</a>	1	[ 14 ]	RRaVTASSAVRRMDGVLLVAVAAALAVIGTMLVWSSTRTWAPGST---		-GLVKKHILNLCIGTVLTGMAAMVDH	83
<input checked="" type="checkbox"/>	<a href="#">WP_010963045</a>	1	[ 2 ]	RL-----KKIHWLLVINVIALFCVGIVVQYSSAGGKWVP-----		--FAIHQLVIFSFLLAIAMSFIEL	60
<input checked="" type="checkbox"/>	<a href="#">WP_015723471</a>	1	[ 9 ]	-----HHFDWVMLLMLLLVGGMALTNLYSSTYIADNGA-SS-		--VFYKQLLFSSVGLVLILVVLQTQY	68

<input checked="" type="checkbox"/>	<a href="#">AIE75879</a>	1	[ 24 ] EA	r-----LMRTLFFAWMAMGVVVLFSASYAESLDTSGMG	LSIILKQIAYLWVGLNIFNFLVRLPL	85	
<input checked="" type="checkbox"/>	<a href="#">WP_015646126</a>	1		-----MLFGLATLRSATYGEN	EQLFTRQIVWDIAGFSLMFLVLFIKD	42	
<input checked="" type="checkbox"/>	<a href="#">WP_006193613</a>	1	[ 7 ]	-----RMDFTLIGATAAIVVMSLIVIGSATHINTAGGDHYW	--FVQKQGAFFVVLNVLFAIFLMNFDY	67	
<input checked="" type="checkbox"/>	<a href="#">WP_012545997</a>	1	[ 5 ]	-----IDKTLIIAVTILVIIGLIAVYSSTSVLASVKAKYA	[ 4 ] MIYLQKQLFTLIIGFFFIVVFIFLPV	70	
<input checked="" type="checkbox"/>	<a href="#">WP_010943695</a>	1	[ 12 ]	-----YDLVILLMAVALTCFGVVMVYSASSVMATKKFHDG	FYFLKRQGVYALLGFGVMAVAMRIDY	73	
<input checked="" type="checkbox"/>	<a href="#">WP_012963917</a>	1	[ 1 ]	RL-----KGIDPVLMMALVLVQLIGFLGVFSATYKDGIS	-----PLFLKQFLYTVLGWIMLIVITFTNF	60	
<input checked="" type="checkbox"/>	<a href="#">WP_012874018</a>	1	[ 2 ]	SREITTPWWRKFDWVLLLCTLALSSFGLVMIYSATS	-----DPG [ 4 ] NPLVIRQFIYLIVGLLFMSIMATVDY	72	
<input checked="" type="checkbox"/>	<a href="#">WP_010931982</a>	1	[ 6 ]	-----KFDLLWLLVPLSGLIVMGLMAVYSATNGSTESV	--P--LFFYKQLSWAVTGAIAASIIYFMDY	64	
<input checked="" type="checkbox"/>	<a href="#">WP_003976192</a>	1	[ 18 ]	TRlFARDSMARRLDWPILLAVALSLMGSLLVYSATRNRTELNQGDQ	YYFLTRHLLNTGIGLALMVATVWLGH	91	
<input checked="" type="checkbox"/>	<a href="#">WP_027868355</a>	1	[ 31 ]	GSrEKDTSLLIMYDRTLWLTFGLAAIGFIMVTSASMPIGQRLTNDP	FFFfAKRDGVYLILAFILAIITLRLPM	104	
<input checked="" type="checkbox"/>	<a href="#">WP_012546334</a>	1		-MlKIDRRLISSFDWVTLGVVLFICIIGILTIYSATR	-PPLDEGEQP [ 1 ] --FYVKQLIWLIIAIIALCVFITFDY	70	
<input checked="" type="checkbox"/>	<a href="#">WP_011242757</a>	1	[ 12 ]	QKfAFLDAWKGMDRWLLFIPIALTLGGLLI	-----RSTQANQN	FADWWQHWITGAVGVGLALAIARWRY	77
<input checked="" type="checkbox"/>	<a href="#">WP_013708713</a>	1	[ 20 ]	RISSKNSWRRQVSPSVLVSSLALISYGALVIWTASL	-----SIP	EASFPRQLLGIGIGLIAMVGWVRFDF	86
<input checked="" type="checkbox"/>	<a href="#">WP_014546566</a>	1		MSsGRFVDKPLKIDWVFIGVTLTLMTCGVLLVYSATVNEEIAFYDTH	---WFRQIIYFLMGIAIAVGLVVFVKI	70	
<input checked="" type="checkbox"/>	<a href="#">WP_048435637</a>	1	[ 4 ]	AErSHLGDWWTVDRALLAGLVLMTAGLVFLMAGGPPVAERLGLPT	FHFLNRQVMYLLPTIALILAVSFLSL	77	
<input checked="" type="checkbox"/>	<a href="#">WP_013127264</a>	1	[ 62 ]	VNvGTALRRPLASYHLVLGLTAVLTVLGLVMVLSASSVEDISATGSP	YSKFTSQLIYVGLGVVAFFGALYLRP	135	
<input checked="" type="checkbox"/>	<a href="#">WP_011522270</a>	1	[ 2 ]	R-----YVSFRDFDFWLLLFLVLIICTLGVIEIYSATF	-----GTKFA	-GAHVKQIYWVIGGVIVMFLLSLVNY	64
<input checked="" type="checkbox"/>	<a href="#">WP_012683246</a>	1		-MpVTSVLRQSIDFPLLLIALLLTAFGIAMVFSAGQIDAPSTITAG	--AWKRQLSWFGLCLAATWVVTRGSV	70	
<input checked="" type="checkbox"/>	<a href="#">WP_010942720</a>	1		---MIDRRLITNFDWMLLGLVLLICAVGVVNIYSASS	--SYVLSGTP	YY--LKQMSWVLVGLAIMLLVCSIDY	66
<input checked="" type="checkbox"/>	<a href="#">WP_011112575</a>	1	[ 4 ]	DIkKIWYYFTRYIDNFFLAGIFLLMLTGLIVLYSATG	-----G [ 1 ] LTRVISQLINMIVAFVVMWTVANIPL	69	
<input checked="" type="checkbox"/>	<a href="#">WP_003114090</a>	1		MRrRASLLQRLHIDGILLLLLLLILGATGLFVLYSASG	-----K [ 1 ] WDMLMKQATSFGLGLGMMVVIAQIEP	65	
<input checked="" type="checkbox"/>	<a href="#">WP_013066543</a>	1	[ 18 ]	-----LFLNWPLIFLLTAVAGTGFLMLYSVAGGNLETW	----	---AEPQMKRFGVGLVAMIAGLTPi	74
<input checked="" type="checkbox"/>	<a href="#">WP_011744311</a>	1	[ 6 ]	-----NVD-FWLLVPMIGLIVFGLMAIFSATHGAGETT	----	--LFYRQFAWGVIGAVVMLFVYFNDY	62

<input checked="" type="checkbox"/>	<a href="#">WP_002853654</a>	1	[ 2 ]	-----RLDRRILTHFDYMQPILFLPIILISFFLIFEAN	PFLAEKQFVYACVGLFAMVFFFPPI	61
<input checked="" type="checkbox"/>	<a href="#">WP_009963846</a>	1		--mTPLFRKFLGLNWILALNMIALIVGWVWAIYNASSFREGMNLSTV	---WRSQVQWAVLGLGVFGAAALVDY	68
<input checked="" type="checkbox"/>	<a href="#">WP_012851903</a>	1	[ 21 ]	HRlV----ALRRLDWKLITAVVALSVLSALLVRSATFAELAEQGRDP	NGFVKRHLLNLALGLILGGVVAMLDY	90
<input checked="" type="checkbox"/>	<a href="#">WP_010881835</a>	1	[ 10 ]	VHqERYSF-----VFILLVALMVGVGFTLYSGSVHYAQRFFRYP	GYFLVRQGVSIGIGLVCLLFFTFVRL	76
<input checked="" type="checkbox"/>	<a href="#">WP_003867927</a>	1		---MKKKYPV---DYGILLTVLILVLSIGVIMVFSASSASAEYMYNDP	YYFLKRQLLWVILGFFAMVFMNFYD	67
<input checked="" type="checkbox"/>	<a href="#">WP_012869947</a>	1	[ 2 ]	LKsPSWNEIRSTLDRPLGLITGALFSLGMVALLSAST---GVYKANY	-SFPiRQALWGMVGFAGYIwVIKVGy	71
<input checked="" type="checkbox"/>	<a href="#">WP_012639260</a>	1	[ 1 ]	----RTLVRALHLDMLVFTGLLLLAGVGLVALYSATG-ESMDMLN--	----RQLVRLAVAFtALLVMAQIPa	62
<input checked="" type="checkbox"/>	<a href="#">WP_013007878</a>	1	[ 9 ]	-----KYFDYILTlIVLTIATIGIFAIYSASFdLNSGKFSS-	--FYlKQMIWLFAGILTYLLFTIINy	69
<input checked="" type="checkbox"/>	<a href="#">WP_010919421</a>	1	[ 18 ]	KF-----MEIDWTFCLFLCLIAGAGALMLFSIAGASWEP-----	--WAAKHLIRFGLYFIMMVILAMCDL	76
<input checked="" type="checkbox"/>	<a href="#">WP_012415416</a>	1	[ 16 ]	SEqKNKKFTFLVPDRSLLFITAAALMLFGLIFTYSSSAFES-----	GNLfKRQVIYDIVGLGIAAFLSQFYl	82
<input checked="" type="checkbox"/>	<a href="#">WP_011564505</a>	1	[ 9 ]	PAsFSNLDRWRSADPVLlLVTLlLSAYGIFAVYVAGT-----SDR	EAYAVNQSIGFAVGLAGAIPLALIDy	75
<input checked="" type="checkbox"/>	<a href="#">WP_012411137</a>	1	[ 11 ]	SSvSN---WALEARLLRWLTLIWLfVGLIMLFSASYPVADARQGDG	LYYfKRQLLWVLVSLIGFNIIVNLPL	80
<input checked="" type="checkbox"/>	<a href="#">WP_000131719</a>	1	[ 3 ]	NPnKKTfWDKvHLDPTMLLlLLALLVYSALVIWSASG-QDIGMME--	----RKIGQIAMGLVIMVMAQIPP	68
<input checked="" type="checkbox"/>	<a href="#">WP_041571869</a>	1	[ 2 ]	-----DRPLFFLTTLAITIGVIFSYSLsAYATLFYGYNE	FHFFIRQLIAGIIGIYLMWQVSRFDp	62
<input checked="" type="checkbox"/>	<a href="#">WP_003033307</a>	1	[ 12 ]	NSkKERVRAKLEIDISIVfIMLGLLTFGWVMVTSASMIVALDDYNNP	YFYsIRQGFfAIIAIFLFLlLVPT	85
<input checked="" type="checkbox"/>	<a href="#">WP_011014922</a>	1	[ 29 ]	GAwNDLLARPLTDYIMILCIVVILSCLGVVMVYSSSMTWslREGGSV	WGTAVRQGIIVLGFfAMWVALMTRP	102
<input checked="" type="checkbox"/>	<a href="#">WP_012583594</a>	1	[ 1 ]	KR-----REIK--LILVVILLTFIGFLFIYDTTATRLIAKELSP	YVFLQRQVIAFLIGLVfFAFFATTYy	64

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<input checked="" type="checkbox"/>	Query_RodA Bs	68	EQL--EK	LsLYIFiIGILSLIILKIS[ 3 ]IAPVIKGA---KSWFRI-GR--ITI-QPSEFMKVGLIMMLASVIGKAN	135
<input checked="" type="checkbox"/>	<a href="#">KRL33981</a>	52	EQL--WR	VAPIAYWFGIFLLAAVLVL[ 3 ]SLFASTGA---KSWFAV-GS--LTL-QPSEVMKPAFILMLGRVVTMHN	119
<input checked="" type="checkbox"/>	<a href="#">WP_013103083</a>	79	SQL--WR	LAPVAYGLGVFLlVAVLIF[ 3 ]PMADATGA---KSWFVL-GP--ISF-QPSEVVKPAFILMLSRVVAEHN	146
<input checked="" type="checkbox"/>	<a href="#">WP_003866920</a>	67	NTL--AK	FSTFIYILNLfGLVLVLA- IGKESKGA---QSWISL-GP--VNI-QPSEFSKLALVLTLANMFSKME	130
<input checked="" type="checkbox"/>	<a href="#">WP_054095977</a>	68	KIL--SQ[ 4 ]	YILFGfSVLLNLlVMVPGL -GVEVNGA---QLWFRI-GG--FQF-QPSEMMKLILILILAKVLAEKK	135

<input checked="" type="checkbox"/>	<a href="#">WP_015798384</a>	81	EWL--GR	LGYWIYGA <sup>V</sup> LLGLVAVLS-[1]VGSSALGS---QRWFQL-GP--IQV-QPSEFAPIGVMFGIAAYLSGRD	145
<input checked="" type="checkbox"/>	<a href="#">WP_012897546</a>	73	RFL--WN	LTPFFYV <sup>L</sup> GLILMFLPIFF[3]ATYASTGA---KNWLAFgGR--NLF-QPSEFMKLSYILFSARIVVTFQ	141
<input checked="" type="checkbox"/>	<a href="#">WP_012283736</a>	66	QTL--SR	YSWYLYGLNLLILIAVLIP[1]LGVNVNGA---VRWINV-GG--FQF-QPSEFAKLLMIITFADFLSKR-	130
<input checked="" type="checkbox"/>	<a href="#">WP_010964563</a>	72	DFL--KN	YAEIIYGLAVVLLVINDI- FGSTRNGA---TGWIAI-GQ--RAI-QPSEFAKIALVIILAKKVDAMK	135
<input checked="" type="checkbox"/>	<a href="#">WP_052670071</a>	81	RHL--RT	YAAVIYGVALVLLVLVITP LGTTFGGA---QRWILI-GG--FQL-QPSELAKIAVLIAIAAVLHERK	145
<input checked="" type="checkbox"/>	<a href="#">WP_021295852</a>	70	RVL--RK	YRWWLYGISSFLLLVVFG <sup>L</sup> --PARNGA---HSWIDL-KV--VTV-QPSELAKIALIIWLAAFMADTD	132
<input checked="" type="checkbox"/>	<a href="#">WP_004094495</a>	69	KSL--GK	MAHVLYGINLVMLLAVML- IGQSALGA---QRWIQI-GP--ISL-QPSEFSKLIMIISLAHILDKRS	132
<input checked="" type="checkbox"/>	<a href="#">AHC50233</a>	68	KWL--MK	LALPFYVIGVLLLVGVEF- FGGETSKGA---TRWLNL-GV--TRI-QPSEMMKIAVPMMLAWYFQRHE	131
<input checked="" type="checkbox"/>	<a href="#">CAA74601</a>	66	RAL--RT	AVPLLYGFSVFLILLVLTP LGSTINGA---HSWIKLpGG--FSL-QPSEFVKITIIILGIAMLLAARV	131
<input checked="" type="checkbox"/>	<a href="#">WP_011524430</a>	68	RKWknQT	LIYTLLGITLALLIAVFFV[1]---RSHGA---HRWIRL-GA--ASF-QPSELAKPAIILFLAFWLEPRI	132
<input checked="" type="checkbox"/>	<a href="#">WP_012256594</a>	70	RLL--SS	LARPLYVSTILLLGAVLVI -GRVSEGA---QSWIAI-GE--RTF-QPAELGKLVLIIALATYWQHYA	133
<input checked="" type="checkbox"/>	<a href="#">ABF88160</a>	59	RWI--QR	MALPIYVGNILLI <sup>L</sup> ALRF- FGHTAKGA---ESWFVI-GP--FRM-QPAEFMKIGVVLMLAKVYHDDF	122
<input checked="" type="checkbox"/>	<a href="#">WP_023036458</a>	67	RKY--YK	YSTAIYIFNILMLLSVLVI -GTSRLGA---KRWIDL-GP--LAL-QPSEFSKLLLIFTFSAYLINNY	130
<input checked="" type="checkbox"/>	<a href="#">WP_003815198</a>	68	NTL--MK	LALPFYV <sup>L</sup> GVILLLVGVEF- FGGETSKGA---TRWLNL-GV--TRI-QPSEMMKIAVPMMLAWYFQRHD	131
<input checked="" type="checkbox"/>	<a href="#">WP_012893695</a>	84	RRL--RA	YAPLVYGLSLLGLFLVITP LGSTVNGA---HSWIMVgGG--FAF-QPSEFAKLGLVLM <sup>L</sup> AMLAQPA	149
<input checked="" type="checkbox"/>	<a href="#">WP_010963045</a>	61	DFY--LK	HAYFFYVAAVISLLV <sup>V</sup> NF- FGSHIMGA---TRWIRI-GS--ISL-QPSEFAKVGLI <sup>L</sup> LALARYFDKQS	124
<input checked="" type="checkbox"/>	<a href="#">WP_015723471</a>	69	QRI--AK	FGYALYAIILALLIYTLL- FVKAIAGS---QRWIDL-GF--FNL-QPSEPAKLALILVLASCYAHM-	131
<input checked="" type="checkbox"/>	<a href="#">AIE75879</a>	86	QVC--LK	LVPWF <sup>L</sup> IVVLLLI <sup>F</sup> LTKSG LGVEVNGA---RRWISL-GP--VLI-QPSEFMKPCLVLQSANLFGN--	148
<input checked="" type="checkbox"/>	<a href="#">WP_015646126</a>	43	RTI--RN	FSIILYVFSVLLAALLV- KGTPIGGS---KRWFRV-MG--FSF-QPSDFAKLSLIVLLPYLEKR-	105
<input checked="" type="checkbox"/>	<a href="#">WP_006193613</a>	68	KAL--QN	YGRNLYIFNAVMLLLVMI- IGQTALGA---QRWIQI-GP--ITL-QPSEFSKIIMI <sup>I</sup> IALAAMLEDRV	131
<input checked="" type="checkbox"/>	<a href="#">WP_012545997</a>	71	TKL--KK	LVFPLLIISFIMLIAV <sup>F</sup> SP LGVSAGGA---RRWLRL-WP--SVF-QPSELVKLAMVFFLAWYMSRE-	134
<input checked="" type="checkbox"/>	<a href="#">WP_010943695</a>	74	RTW--RE	YAVPILLGCLFLLFLV <sup>F</sup> IP[1]IGGAAGKA---SRWIRL-PG--FNF-QPSELTKIALIVYMAYSLDKKQ	139
<input checked="" type="checkbox"/>	<a href="#">WP_012963917</a>	61	RML--YD	MAPVIYMLNLF <sup>F</sup> LVLVPL- FGKTVYGA---KRWLDL-GP--FSL-QPSEFMKFSLLL <sup>F</sup> ITYILGHT-	123

<input checked="" type="checkbox"/>	<a href="#">WP_012874018</a>	73	RFL--LN	WKWVIYGLVFLFLTLV FVI	-GHTAYGS---TRWIDL-GP--FPL-QPSELAKLLMV LVLVLAGFLCEKK	136
<input checked="" type="checkbox"/>	<a href="#">WP_010931982</a>	65	RVV--KD	NAYFMYAAGIILLIAVLV-	FGKKVAGA---TSWVRF-GM--FSF-QPSELTKMFTI IAMARFLSD--	126
<input checked="" type="checkbox"/>	<a href="#">WP_003976192</a>	92	RAL--RT	AVPLLYGFSVFLILLV LTP	LGSTINGA---HSWIKLpGG--FSL-QPSEFVKITII LGMAMLLAARV	157
<input checked="" type="checkbox"/>	<a href="#">WP_027868355</a>	105	EFW--QR	YSATMLLGSII LLMI VLV-	VGSSVKGA---SRWIDL-GL--LRI-QPAELTKLSLFCYIANYLVRKG	168
<input checked="" type="checkbox"/>	<a href="#">WP_012546334</a>	71	IKL--KD	FWLIFYITGILLII VLF T	-GKTAMGA---KRWINL-GF--FSF-QPSEIFKII FII SISAFLEDKQ	134
<input checked="" type="checkbox"/>	<a href="#">WP_011242757</a>	78	DNW--LK	LQWWLYGVTCLSLIAVR FV	-GTTALGA---ERWISI-GG--FNI-QPSEFAKPLMIVV LAAILSRET	141
<input checked="" type="checkbox"/>	<a href="#">WP_013708713</a>	87	RNL--AN	LSTVLIVIDIILIFSPYVP[1]	LSYSAKGM---TGWIKI-PLi gLTF-QPVELVKIVT IMFISALGAQYN	154
<input checked="" type="checkbox"/>	<a href="#">WP_014546566</a>	71	DWL--KR	AAVPSYVIALMLV FVLIF	-AGDVKGA---GRWIDL-KV--IKL-QPSEFAKIAYLITISYWLSKHP	134
<input checked="" type="checkbox"/>	<a href="#">WP_048435637</a>	78	RHI--RR	MALVTYGLGIVLCIAATKY	-GPEIKGA---HRWIQF-GS--IGV-QPSEFVKPAFVILA AWAFEGA	141
<input checked="" type="checkbox"/>	<a href="#">WP_013127264</a>	136	TML--RR	LALGSVLVSIALLIAVLIP[1]	IGSKVGGA---RRWIDV-GG--FTI-QPSEIAKVALI VWGAHLLADRS	201
<input checked="" type="checkbox"/>	<a href="#">WP_011522270</a>	65	HLL--LG	NAHWMYLVAIVALIAVRVF	-GKKYLGA---RRWIQI-GG--NHF-QPSEWVKLIL I LAVAKYFAEEK	128
<input checked="" type="checkbox"/>	<a href="#">WP_012683246</a>	71	RLI--EW	SAWPLYALSCALLVLV LFI	-GTGAGTAsvKGWLSI-GG--VRIgQPAELAKLAT TLM LARVLAAQR	138
<input checked="" type="checkbox"/>	<a href="#">WP_010942720</a>	67	HLL--ED	VAYWFYGILFLLLLV LAF[1]	--KTSMGA---TRWLHL-GF--ISV-QPSEPMKII GIITMARILANIP	130
<input checked="" type="checkbox"/>	<a href="#">WP_011112575</a>	70	QRI--MR	LAFPIYVMGIILLVAVAL-	FGEVQNGA---RRWLNL-GF--INI-QPSELLKIAAP LMMSWYFDKA-	132
<input checked="" type="checkbox"/>	<a href="#">WP_003114090</a>	66	RFM--AR	WVPLGYLVGVALLVVVDV-	IGHDAKGA---TRWINIpGV--IRF-QPSEFMKLLMPMTVAWYLSKR-	129
<input checked="" type="checkbox"/>	<a href="#">WP_013066543</a>	75	WFW--RN	VSGVIYTIALLLLLA VEF-	VGDIGMGA---QRWLDL-GP--LRL-QPSEIMKIGLV MLLAAYYDWL-	137
<input checked="" type="checkbox"/>	<a href="#">WP_011744311</a>	63	RVI--RD	NAYLLYLISIFLLV VLL-	FGTKIAGQ---TSWVKI-GF--FSF-QPSEIAKMATI LALARFLSD--	124
<input checked="" type="checkbox"/>	<a href="#">WP_002853654</a>	62	RKF--IW	IIPVAYWINIFLLLSVDI-	FGVEKLG A---KRWLEI-PFthFTI-QPSEIFKPSFILMLAYLIYQNP	127
<input checked="" type="checkbox"/>	<a href="#">WP_009963846</a>	69	KWV---R[1]	GGWIMYLAGIAGLILVKFI	-GFGEKGA---HSKIHL-GP--VDV-QPSQLAIVATIVSIAVVLGDLH	132
<input checked="" type="checkbox"/>	<a href="#">WP_012851903</a>	91	RLI--RA	YAPIVYGLACVGLVAVLSP	LGETINGS---HSWIVLgGG--FQV-QPSEFAKVGLV VLLAMLLAEPR	156
<input checked="" type="checkbox"/>	<a href="#">WP_010881835</a>	77	ASL--RK	ALSPLILVAFALCVCTFF-[2]	IGSTRNGA---TRWIKV-FD--INF-QPSEFVKLVLI VFLANFFDKHR	142
<input checked="" type="checkbox"/>	<a href="#">WP_003867927</a>	68	TIL--KK	LAGPLLIISIGLLIAVLIP[1]	IGVERYNA---TRWIGV-GS--FTI-QPSEVAKYALI IYLAKYFDKHP	133
<input checked="" type="checkbox"/>	<a href="#">WP_012869947</a>	72	RRI--LE	MSERIYGASLLLLFLV LVM	-GHTAKGA---QSWFNL-GP--VRL-QPSELGKLALGV FMARHLCRFP	135

<input checked="" type="checkbox"/>	<a href="#">WP_012639260</a>	63	DNL--KR	WSPWIYVLGIGLLATVLV-	MGEMGKGA---QRWLDL-GF--VRF-QPSELMKIAVPMMVAWYLAD--	124
<input checked="" type="checkbox"/>	<a href="#">WP_013007878</a>	70	RFL--VK	HSFLLYLLSLAILLLVLI-	KGHIGMGA---QRWINI-AG--FRL-QPSEFIKVVWILFLAKQFAT--	131
<input checked="" type="checkbox"/>	<a href="#">WP_010919421</a>	77	RWW--FM	AAYPIYVVGLLLLIAVEV-	AGDVSLGA---QRWLSI-GG--FRF-QPSEIMKIGLVLALARYYHGLS	140
<input checked="" type="checkbox"/>	<a href="#">WP_012415416</a>	83	KIQ--EK	INPMFIYGAWALLIIVL-	FMPKVANV---HRWINL-GF--FNL-QPSEVAKPALMIYMAYYLSNIS	146
<input checked="" type="checkbox"/>	<a href="#">WP_011564505</a>	76	RFW--QR	LVKPIYLCVLLMLLAVLVV	-GVAAGGA---QRWIDV-GP--VQV-QPSEFAKLMMVIVLAGYFAGRA	139
<input checked="" type="checkbox"/>	<a href="#">WP_012411137</a>	81	QKI--LG	VSHWFLLLFLALIFVTLI-[2]	LGKKAFDA---ARWIAI-GP--IPI-QPSELIKPFLVLQSARLFGQ--	144
<input checked="" type="checkbox"/>	<a href="#">WP_000131719</a>	69	RVY--EG	WAPYLYIICIILLVAVDA-	FGAISKGA---QRWLDL-GI--VRF-QPSEIAKIAVPLMVARFINR--	130
<input checked="" type="checkbox"/>	<a href="#">WP_041571869</a>	63	E----KL	IVKLGFTLFLLMVLMFVM[6]	MATSAGGA---KRWIRL-PF--FSL-SPVEFFKIGFVVFLLAWSFSRKF	131
<input checked="" type="checkbox"/>	<a href="#">WP_003033307</a>	86	KNY--EK	NYNAFFVMLIVLVAVLVP[1]	IGKSVNGA---RRWIPL-LI--INI-QVAELAKLLAIIFFSGYIAENL	151
<input checked="" type="checkbox"/>	<a href="#">WP_011014922</a>	103	QTI--RN	LSNLILIVSIVLLAVQIP[3]	TGKEEVGS---QSWIAL-GP--IQF-QPSEIAKVAIAVWGAYLAGKG	170
<input checked="" type="checkbox"/>	<a href="#">WP_012583594</a>	65	RLW--ER	VWKYVYVINLFLLMVIF-	FGKESLGA---QRWFSI-FG--FSF-QPSELSKLLLVISLSGFLTND	128
<input checked="" type="checkbox"/>	Query_RodA Bs	136	P[2]VRT	LRDDIHLKKIaGVAVIPVGL-	ILMQDAGTAGI-CMFIVLMVFMSGINWKLIAIIAGSG	ILLISL 205
<input checked="" type="checkbox"/>	<a href="#">KRL33981</a>	120	T[4]HTM	ASDWQLIGKLI-AYMVPVAILl	KLQNDFGTMLV-FFAILGGVILVSGISWRLAPTFFAIV	AAIAGT 191
<input checked="" type="checkbox"/>	<a href="#">WP_013103083</a>	147	R[4]HNT	MTDWL LLGKMA-LWFLPVAALi	ALQNDLGTLLV-FIAIFGGVALVSGVTWRILAPVIAAA	AVVGAT 218
<input checked="" type="checkbox"/>	<a href="#">WP_003866920</a>	131	- -EI	KTFKELLWPMA-YLGI	PFVAV-MLQPDLGTGLV-FIAIFLAIYVYISGIRTKVLAQLFALG	IALLPI 195
<input checked="" type="checkbox"/>	<a href="#">WP_054095977</a>	136	G[1]-PW	SDLSSLGRICL-LFGV	PFLII-LAQPD LGTSLI-LFGILLSM LLVSGLDWKWFVSGLLVI	GSIAGS 202
<input checked="" type="checkbox"/>	<a href="#">WP_015798384</a>	146	G --P	RTWREVAVVLA-LGGV	PALLV-VKQPDLGTGIV-VGIVTMVLLVMGGATGRQLLVILVAG	--VLGI 208
<input checked="" type="checkbox"/>	<a href="#">WP_012897546</a>	142	N[5]VLK[4]	-----LIGLLI-LETMP	VAIIsVFQKDFGTFLV-FIAILAGIILVSGISWKILAPAF LFV[1]	AVAGGI 214
<input checked="" type="checkbox"/>	<a href="#">WP_012283736</a>	131	Q GRL	ETLKDLLPCFA-FVAV	PMLPI-LKQPDLGTSLV-FIAIMLGMLAAAGANKKVLGLLV FSG[1]	VVVIVA 198
<input checked="" type="checkbox"/>	<a href="#">WP_010964563</a>	136	D GIN	NVK-NFFIILI-YAAI	P TALV-LIQPDMGMAMV-YFFT VLGIVFAAGLDRVIFGGIFGI[1]	VAVVGI 202
<input checked="" type="checkbox"/>	<a href="#">WP_052670071</a>	146	G --E	PGIGAI AVCLA-LTMV	PMGLV-FLQPDLGTSIV-FVWLCAILFLVGGVKGRYLIGLGIAA	--VTAT 208
<input checked="" type="checkbox"/>	<a href="#">WP_021295852</a>	133	E[4]DYR[3]	-----VWVLA	pIVLVPFALT-FEEPALGQALV-IIAMSLTMYTVFAKRTHFAMIMLLVL[3]	IGFSVA 204

<input checked="" type="checkbox"/>	<a href="#">WP_004094495</a>	133	G	-QL	NTMKDVLPIFI-YVGI <b>PFLLV</b> -LK <b>QPD</b> LGTALV-FMAILFG <b>MLFI</b> AGIRMQLLGKIVGAG	IAFLPI	198
<input checked="" type="checkbox"/>	<a href="#">AHC50233</a>	132	G	-AV	R-IRDFLAAAA-MLA <b>APFGLI</b> -VL <b>QPD</b> LGTALL-VFGAGFFV <b>IYFAG</b> LSFKLLVPVMLAG	IIAIGT	196
<input checked="" type="checkbox"/>	<a href="#">CAA74601</a>	132	-[4]	RPH	PDHRTVLQAL <b>G</b> -LATV <b>PMLIV</b> -ML <b>MPDL</b> GSVMV-MVIIVL <b>GILL</b> ASGASNRWIFGLLG--[2]TAGALA	201	
<input checked="" type="checkbox"/>	<a href="#">WP_011524430</a>	133	K	TIT	DWKHTLLPAAI-VTLML <b>VGII</b> -VK <b>QPD</b> LGTGIA-CVAIASS <b>MLFV</b> AGMEMKYFGYAAL--	AAILPM	197
<input checked="" type="checkbox"/>	<a href="#">WP_012256594</a>	134	D[5]	LVQ[3]	-----LL- <b>IAGV</b> <b>PMA</b> LI-FI <b>QPD</b> LGTTLV-LAGIWL <b>TM</b> AWGG <b>MRLV</b> QLITLFI <b>AA</b>	IPLAWI	199
<input checked="" type="checkbox"/>	<a href="#">ABF88160</a>	123	Q[2]	APS	YNLTRLWKPVL-VVFV <b>PFALV</b> -LV <b>QPD</b> LGTALM-IGLSSLT <b>IVL</b> FG <b>KVR</b> WYLVATLVA--[1]VF <b>AAGI</b>	190	
<input checked="" type="checkbox"/>	<a href="#">WP_023036458</a>	131	S[1]	KYT	-GFKAMFMSFL-HIF <b>P</b> FLI-A <b>VE</b> PD <b>LGT</b> SLV-IIL <b>IY</b> G <b>MLL</b> FL <b>NK</b> L <b>EW</b> KCIATV <b>FIS</b> I	AAFIPI	197
<input checked="" type="checkbox"/>	<a href="#">WP_003815198</a>	132	G	-AV	R-IRDFVAAA-MLA <b>APFVLI</b> -VL <b>QPD</b> LGTALL-VFGAGFFV <b>IYFAG</b> LSFKLLVPCLLAG	IIAIGT	196
<input checked="" type="checkbox"/>	<a href="#">WP_012893695</a>	150	A[1]	TDR	PRGLDV <b>GIALV</b> -VG <b>AFT</b> M <b>GLV</b> -ML <b>QPD</b> LGT <b>TMV</b> -LGVIT <b>AAAL</b> V <b>VAG</b> VRKR <b>WIG</b> L <b>ALLV</b>	VGGAVA	217
<input checked="" type="checkbox"/>	<a href="#">WP_010963045</a>	125	-[1]	YKM	MEFKRLLK <b>ALI</b> -IIFL <b>PVFLV</b> -LK <b>QPN</b> LGT <b>AVI</b> -ML <b>FI</b> G <b>ISI</b> I <b>FTAI</b> IKRSHSVICGT--	LGIFAV	189
<input checked="" type="checkbox"/>	<a href="#">WP_015723471</a>	132	-[2]	PGG	YRLRDLIK <b>PVF</b> -LTAL <b>PVLI</b> -ML <b>QPD</b> LGT <b>ALI</b> -CAIIFV <b>SMTL</b> F <b>VRL</b> R <b>WST</b> L <b>GIL</b> SG--[2]LAC <b>IFI</b>	199	
<input checked="" type="checkbox"/>	<a href="#">AIE75879</a>	149	-	WHR	FPWRSRLL <b>LWG</b> -IFVV <b>TLGGI</b> -LI <b>QPN</b> L <b>STTAL</b> -CG <b>MGL</b> W <b>LIAL</b> AS <b>GLP</b> WG <b>YLV</b> STAL--	LGITTA	212
<input checked="" type="checkbox"/>	<a href="#">WP_015646126</a>	106	-	---	----W <b>F</b> RS <b>FF</b> -LT <b>VV</b> <b>PAVLI</b> -F <b>L</b> EP <b>DL</b> G <b>T</b> TLS-V <b>GLI</b> W <b>LFAV</b> LAS <b>NVN</b> KK <b>PLV</b> ILLI--[1]VL <b>VFLP</b>	163	
<input checked="" type="checkbox"/>	<a href="#">WP_006193613</a>	132	G	-KL	NTVSDIL <b>PVLG</b> -YVAL <b>PFFLV</b> -LK <b>QPD</b> LGTSLV-FIA <b>ILL</b> G <b>MMF</b> V <b>AGV</b> NLR <b>ILA</b> AG <b>FAAG</b>	VAASPL	197
<input checked="" type="checkbox"/>	<a href="#">WP_012545997</a>	135	-[1]	YNK	ESIKDFV <b>IPIS</b> -LMG <b>VFQIIF</b> -LK <b>QPD</b> FGAV <b>MT</b> -LGIIT <b>FV</b> ML <b>FI</b> G <b>V</b> SLR <b>FL</b> GLTIL--	-LAIPV	198
<input checked="" type="checkbox"/>	<a href="#">WP_010943695</a>	140	D	KVK	FFSTG <b>FLPY</b> MV-LLSV <b>VLLIL</b> -LK <b>QHD</b> LGA <b>ALT</b> -M <b>GLV</b> AI <b>IML</b> FA <b>AGT</b> R <b>PRY</b> II <b>AM</b> GM--	MALPIL	204
<input checked="" type="checkbox"/>	<a href="#">WP_012963917</a>	124	-	-KK	S <b>VS</b> KESV <b>ILML</b> -A <b>FLI</b> <b>PAILT</b> -LK <b>QPD</b> LGT <b>AI</b> S-YGI <b>ILL</b> SL <b>LL</b> FF <b>KG</b> V <b>RLR</b> FF <b>FAL</b> GF--	LLLVLS	186
<input checked="" type="checkbox"/>	<a href="#">WP_012874018</a>	137	R[1]	--E	RDLKRLI <b>ISIC</b> -II <b>AP</b> T <b>ALV</b> -F <b>L</b> Q <b>PD</b> LGT <b>SMV</b> -L <b>GAA</b> W <b>SVL</b> V <b>LFG</b> G <b>IP</b> V <b>KY</b> LM <b>RL</b> F <b>LLL</b>	IPFAVI	202
<input checked="" type="checkbox"/>	<a href="#">WP_010931982</a>	127	-[2]	TDI	GN <b>MDL</b> G <b>KALA</b> -I <b>ALV</b> <b>PAGLI</b> -ML <b>QPD</b> M <b>GTT</b> LT-CL <b>SF</b> I <b>VP</b> M <b>IV</b> LAG <b>FD</b> LY <b>YILL</b> GV <b>VPV</b> [15]I <b>AV</b> LS <b>M</b>	209	
<input checked="" type="checkbox"/>	<a href="#">WP_003976192</a>	158	-[4]	RPH	PDHRTVLQAL <b>G</b> -LATV <b>PMLIV</b> -ML <b>MPDL</b> GSVMV-MVIIVL <b>GILL</b> ASGASNRWIFGLLG--[2]TAGALA	227	
<input checked="" type="checkbox"/>	<a href="#">WP_027868355</a>	169	D	EVR	NNLRG <b>FLK</b> PM <b>G</b> -V <b>ILV</b> <b>LAVLL</b> -L <b>AQ</b> PD <b>LGT</b> V <b>VV</b> -L <b>FV</b> T <b>T</b> LA <b>ML</b> FL <b>AG</b> AK <b>LW</b> Q <b>FIA</b> I <b>IG</b> --	MGISAV	233
<input checked="" type="checkbox"/>	<a href="#">WP_012546334</a>	135	S	--P	LSIKDTL <b>KTL</b> Li <b>FGII</b> <b>PFLLI</b> -VK <b>QPD</b> LGT <b>AIL</b> -IL <b>TIT</b> F <b>IMI</b> I <b>YK</b> GL <b>R</b> TR <b>LM</b> IL <b>LAIL</b>	IISVFF	200
<input checked="" type="checkbox"/>	<a href="#">WP_011242757</a>	142	A[1]	--R	--L <b>P</b> GL <b>IKAI</b> A-IMS <b>V</b> <b>PWLLI</b> -F <b>L</b> Q <b>PN</b> LGT <b>SLI</b> -F <b>GAI</b> V <b>FG</b> ML <b>Y</b> WAN <b>AK</b> PG <b>WLL</b> ML <b>SPL</b> [16]L <b>AI</b> V <b>TS</b>	221	

<input checked="" type="checkbox"/>	<a href="#">WP_013708713</a>	155	G[4]---	--VRDYLKLCG-MLAVPVLAI-IALRDLGSIII-VLFAGAIVIMMSGAKKEWVLSTIALL	AGLISL	220
<input checked="" type="checkbox"/>	<a href="#">WP_014546566</a>	135	V -SL	YKLKSFVPLG-LFIVPFLLV-LKQPDLSALV-FTAVTLVGFFFAGLTFDTLFLIVSPA[18]	AQICLV	218
<input checked="" type="checkbox"/>	<a href="#">WP_048435637</a>	142	R[4]-PG	GTLAVLLLLPMT-----IVPLI--LQPDFGQTML-VTMVWCAMVVFVAGLHWFVWGGLGGAG	--LVGV	204
<input checked="" type="checkbox"/>	<a href="#">WP_013127264</a>	202	R -RG	GGLKDLLLPLGpVALLMAALV-IAEPNQSTAMI-IAVTAGMLLFYAGLSSRFLFSIGVAG	--ICAA	266
<input checked="" type="checkbox"/>	<a href="#">WP_011522270</a>	129	S[1]EAS	-GSDIVKVG-L-LVGVPFMLV-LAQPDLTALT-YLPVAIMGFFLGGMKAKHAVVILLLV	ALVIPI	194
<input checked="" type="checkbox"/>	<a href="#">WP_012683246</a>	139	E -VP	RSLIDLWRPLL-VVGI PWLLV-MKQPDLTGIV-FIGICFAMLFWAGVQWQLLLMLASPG[13]	AWFLIL	217
<input checked="" type="checkbox"/>	<a href="#">WP_010942720</a>	131	V SGG	LGLRELAFPAL-MIGAPAILI-MKQPDLTGAIL-VILIAGSMLAFVGIIRLSALAAVC---	IATVPA	194
<input checked="" type="checkbox"/>	<a href="#">WP_011112575</a>	133	- HIT	LRWRDYVVAVL-ILLLPVLII-ARQPDLTGALL-ILISGFYVIFLAGLSWRIIVGLAVAV	AVSLPL	198
<input checked="" type="checkbox"/>	<a href="#">WP_003114090</a>	130	- NLP	PGLKHMVISLA-IIITPFVLI-LKQPDLTGAML-ILASGGFVLFVGGLRWRWIVGAVSAA	VPIAVA	195
<input checked="" type="checkbox"/>	<a href="#">WP_013066543</a>	138	-[2]EKV	SSPIWVALPVA-LILMPFLV-LTQPDLTGAVM-LTLGGGFVMAAGVSLWYFGTIIA--[1]	VVGL--	202
<input checked="" type="checkbox"/>	<a href="#">WP_011744311</a>	125	-[2]TDI	TFTPHLLIALG-IPLFPALLI-MLQPDMTTTLT-SLSFIIPMFIMSGFDLYIVIPYLLPI[15]	LAVLLF	207
<input checked="" type="checkbox"/>	<a href="#">WP_002853654</a>	128	-[2]KNG	YKLKQFIKLSF-YIILPFLII-AKEPDLGSAMV-LLLVGFGVLFIMGVHYKIWLSIVI--[1]	ISVSPP	194
<input checked="" type="checkbox"/>	<a href="#">WP_009963846</a>	133	R[4]-FR[3]	--LRLGVSGIL--AGVPMLMV-LKEPDLGSAAV-YGPVVVAMLLVGSIPFRYLITLFLGV	MCILPV	202
<input checked="" type="checkbox"/>	<a href="#">WP_012851903</a>	157	D[1]EPR[5]	PGGRDIVLALA-LAGGPAVLV-LAQPDLTGTTMV-FGAVVMGMLAVAGVRKRWLAGLAGAA	VLAFA	229
<input checked="" type="checkbox"/>	<a href="#">WP_010881835</a>	143	E HFD	TPIRSIFPPFV-VSVIFVSVV-FFQNDFSTAMF-LLFITVVMFFIAGAPLWWFLRGIMVL	--APIA	207
<input checked="" type="checkbox"/>	<a href="#">WP_003867927</a>	134	D YAK	SFKKGVMPLG-LAGLFFGLI-MLQPNFSTAGI-IFIVAVIILFVAGAKLSFMGALFG--	AGIGAA	198
<input checked="" type="checkbox"/>	<a href="#">WP_012869947</a>	136	P[1]DLR	-S---IGMALG-LSGLSLALL-MLQPDLSALV-YCAMIGAGLWAAGIGSRYMGGLVTLG	LMALPV	199
<input checked="" type="checkbox"/>	<a href="#">WP_012639260</a>	125	R PLP	PRFLEVVAAGL-LALIPMVLII-ARQPDLTGALL-VGAAGLLVFLAGIRWRIIFALGALA	LVALPV	191
<input checked="" type="checkbox"/>	<a href="#">WP_013007878</a>	132	-[2]IEY	ATFLDIFKKLI-YLIPIFLLI-FLEPDLGTALV <sub>y</sub> VYLWGIGVLYLVKRYTVFITLII--	IIIALP	198
<input checked="" type="checkbox"/>	<a href="#">WP_010919421</a>	141	-[2]SAR	MSWR-LLIPAG-MIAAPVLLV-AHQPDLTGALL-IAATGLSIVVLVAGLSWRIIFAGIA--[1]	FVAAIP	206
<input checked="" type="checkbox"/>	<a href="#">WP_012415416</a>	147	V SIS	KSFATILPPLI-ITGVTLFLM-MLAPELGTPLV-LFCVVFLLLFVAGAKIKHLLLVLACS	--VPII	211
<input checked="" type="checkbox"/>	<a href="#">WP_011564505</a>	140	V[1]---	-DAGVFVRSLG-VVGAPALLV-FLQPDLTGALV-FGAVFVVMAYVGGARLWQLGALGAAG[1]	LAAAAL	204
<input checked="" type="checkbox"/>	<a href="#">WP_012411137</a>	145	- WER	ISWRVRFALG-IFGLVLLGI-LAQPNLSTTAL-CGMTIWLIALAAGLPYKYLGGTAIGG	--VMLA	208

<input checked="" type="checkbox"/>	<a href="#">WP_000131719</a>	131	D	VCP	PSLKNTGIALV-LIFMPTLLV-AAQPD LGTSIL-VALSGLFVLFSLGSLWRLIGVAVVLV	AAFIPI	197
<input checked="" type="checkbox"/>	<a href="#">WP_041571869</a>	132	S[5]	PLV	DEMKIFAPYAA-LFLLA VFLIaVLQNDLGQIFL-LGITLALMVVFAGSSFRLLFFSLLMGA	--LILA	202
<input checked="" type="checkbox"/>	<a href="#">WP_003033307</a>	152	K	KMA	NFKEGILTPIT-LLGCIAILL-LMQPDFGSTVV-ISICVMGMLFVAGNKVRWYGLLLG--	TMVMA	216
<input checked="" type="checkbox"/>	<a href="#">WP_011014922</a>	171	P[4]	---	--FNNHLMRFG-GVGAFMAFLiFMEGDAGMAMS-FVLVVL FMLFFAGIAMGWIAIAGVLI	--IAAL	235
<input checked="" type="checkbox"/>	<a href="#">WP_012583594</a>	129	-[2]	KKT	LGLREFILTLV-LVII PFI VV-MIQPDLGTAIV-IFATGIFMIFLSEISVKYFLRLIL--	LGLLLL	194

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<input checked="" type="checkbox"/>	Query_RodA Bs	206	ILLVM[ 9]	VGIQDYQIKRVTSW-VSASN	ETQedsNSWQVDQA IMAIGSGGILNGISNLKV-	---YVP-ES	277
<input checked="" type="checkbox"/>	<a href="#">KRL33981</a>	192	ALYLV[14]	---KQYQFARIDTW-LNPST	DTS---NNAYQVWQSMKAIGSQITGRGFNVSHV-	---TVP-VR	262
<input checked="" type="checkbox"/>	<a href="#">WP_013103083</a>	219	LLALV[14]	---KLYQFDRIQTW-LHPDQ	DTS---ASGYQTYQSLKAIGSQLTGNGFGDLKV-	---YVP-VR	289
<input checked="" type="checkbox"/>	<a href="#">WP_003866920</a>	196	G----	[ 1]KLLKPYQRNLLSF-LNPEL	DPM---GTGYHVIQSKIAIGSGMFWGKGLFDGSQT	QLYYLP-EA	256
<input checked="" type="checkbox"/>	<a href="#">WP_054095977</a>	203	VLLLY[ 8]	VILQPHQVKRIQIF-IDPAS	DPS---GAGYQSTQAKIAIGSGMLHGKGFHQGTQA	QGNWIP-EP	274
<input checked="" type="checkbox"/>	<a href="#">WP_015798384</a>	209	IAVVH[ 2]	-LLKHYQLERLLSF-VNPQS	ATQ---TYGYNLVQSKIAIGSGHIFGTGLFKGSQT	NLAYVP-EQ	273
<input checked="" type="checkbox"/>	<a href="#">WP_012897546</a>	215	VALVA[10]	TSFAQYQVNRFI AW-LHPFE	YSQ---TFSLQQARSLISVGVGGLWGKGVGVANVN	----VP-VR	284
<input checked="" type="checkbox"/>	<a href="#">WP_012283736</a>	199	IYGHL[ 5]	LPLKEYQIKRLIIF-LDPDL	DPL---GDGYHIRQSLVAIGSGGLFGKGLFQGTQA	QLNFLP-EH	267
<input checked="" type="checkbox"/>	<a href="#">WP_010964563</a>	203	WNTSL	--MQYWKARLTSF-LNPEK	YSS---STGLQLIQSKIAIGSGGIFGKGLKGTQI	QGGYIP-EN	264
<input checked="" type="checkbox"/>	<a href="#">WP_052670071</a>	209	IAVLR[ 3]	--IADYQVQRLTAF-LDASN	PSL-gqGPGFQTRQSVIAIGSQVGGKGLFQGTQT	SLSYVP-EN	275
<input checked="" type="checkbox"/>	<a href="#">WP_021295852</a>	205	AVMFS[15]	HILKSYQADRITW-LDPNY	DVR---DAGYNIHMAQIAIGSQLFGEGLFNGET	KGAWVP-NQ	283
<input checked="" type="checkbox"/>	<a href="#">WP_004094495</a>	199	F----	[ 1]FFLKDYQKKRLTVF-MDPGT	DPL---GSGYHIIQSKIAIGSGMLYGKGLFSGTQS	QLNFLP-EN	259
<input checked="" type="checkbox"/>	<a href="#">AHC50233</a>	197	LVYYE[10]	VVLHDYQKHRVCTL-LNPSS	DPL---GKGFHTIQSMIAVSGGVYKGYMKGTQT	HLDFIP-ER	270
<input checked="" type="checkbox"/>	<a href="#">CAA74601</a>	202	VWQL-	GILDDYQIARFAAF-ANPAL	DPA---GVGYNTNQARIAIGSGGLTGSSLFEGSQT	TGRFVP-EQ	264
<input checked="" type="checkbox"/>	<a href="#">WP_011524430</a>	198	YWL--	LFRVAFRRKRMLAF-LDPNA	DPL---GTGFHMIQSLIAVATGGITGQGLMEGKQ-	KLFYLP-EP	258
<input checked="" type="checkbox"/>	<a href="#">WP_012256594</a>	200	AWHYV	--LDTYQQVRLSTF-YYLLT[ 1]	PAAvdfNAAYNVIQALNAISSGGLTGTGLTRGLFS	QGNYPV-VQ	265
<input checked="" type="checkbox"/>	<a href="#">ABF88160</a>	191	VIW--[16]	HHLKHKHSQRISGW-LDPEA	DLR---GSYHAAQSKIAVSGGVSGKGWREGTQT	GLRFLP-EQ	268

<input checked="" type="checkbox"/>	<a href="#">WP_023036458</a>	198	SYKFL	--LKAYQKDRIDTF-LNPEL	DAL---	GTGWNITQSKIAIGSGKIFGKGF LNNTQG	KLKYLP-ES	259
<input checked="" type="checkbox"/>	<a href="#">WP_003815198</a>	197	LIYYE[10]	VVLHDYQKHRVCTL-LNPSS	DPL---	GKGFHTIQSMIAVGSGLYGKGYMQGTQT	HLDFIP-ER	270
<input checked="" type="checkbox"/>	<a href="#">WP_012893695</a>	218	VWFLD	-VLEPYQIARFTAF-LNPAS	DPR---	GVGYNSTQSLIAIGSGELFGKGLFDGGQT	TGRFVP-EQ	280
<input checked="" type="checkbox"/>	<a href="#">WP_010963045</a>	190	PAIW-	PFLRPYHKQRILSF-LDSSV	DPL---	GIGYNAQQSQIAIGSGLLGKGFVNGSQT	QLGF LP-EK	252
<input checked="" type="checkbox"/>	<a href="#">WP_015723471</a>	200	GWK--	FLLKDYQRKRIETF-LNPEG	DPM---	NHGYQIMQSKIAVGS GKVF GKGFMEGTQG	HLHF LP-ER	261
<input checked="" type="checkbox"/>	<a href="#">AIE75879</a>	213	VTSIS	--IRDYQRARVTSF-LNPFA	DPR---	GDGYQLVQSLYAIASGGVLGRGFGMSQQ-	KL FYLP-IQ	273
<input checked="" type="checkbox"/>	<a href="#">WP_015646126</a>	164	VFFF-	FGLKDYQRARILSF-LNPEE	YGE---	SYSYNVLQSIHAIGAGGLFGAGYMKGKAN	LMGYVP-VS	226
<input checked="" type="checkbox"/>	<a href="#">WP_006193613</a>	198	L----	[1]LFLKDYQKMR LKVF-LDPSV	DPL---	GSGYHIIQSKIAIGSGLIFGKGLFGGTQS	QLNF LP-EN	258
<input checked="" type="checkbox"/>	<a href="#">WP_012545997</a>	199	LFYLA	--KEPYRWKRITSF-LDPWS	DPQ---	GSGFQLVQSLIALGSGGLTGQGLGEGKQ-	KLAF LP-EI	259
<input checked="" type="checkbox"/>	<a href="#">WP_010943695</a>	205	YFLVM	--NVDYRRRRILAY-LNPWE	DPT---	DTGFQIIQSWLAFNGGVLGQGLGEGKQ-	KMFYLP-EA	265
<input checked="" type="checkbox"/>	<a href="#">WP_012963917</a>	187	PLVW-	HFLKDYQRERIMAV-IDPYA	DYA---	GSGYQLIQSVIAVSGGIVGKGLLKGTS	HLLF LP-EK	249
<input checked="" type="checkbox"/>	<a href="#">WP_012874018</a>	203	GGRFL	--LKPYQIERIAIF-LRPED	NPF---	GSGYNIIQATISVGS GGFWGQGFMSGSQS	QLHYLR-VQ	264
<input checked="" type="checkbox"/>	<a href="#">WP_010931982</a>	210	VMFFL[28]	VILKPHQIKRIQIF-LDPTA	DPR---	GAGYNALQAKIAIASGGIFGKGF LHGTQT	QLRYIP-AQ	301
<input checked="" type="checkbox"/>	<a href="#">WP_003976192</a>	228	VWQL-	GILDDYQIARFAAF-ANPAL	DPA---	GVGYNTNQARIAIGSGGLTGSGLFEGSQT	TGRFVP-EQ	290
<input checked="" type="checkbox"/>	<a href="#">WP_027868355</a>	234	VLLIL	--AEPYRIRRVTA F-WNPWE	DPF---	GSGYQLTQSLMAFGRGELWGQGLGNSVQ-	KLEYLP-EA	294
<input checked="" type="checkbox"/>	<a href="#">WP_012546334</a>	201	LWEIL[1]	EGLKEYQKNRLIAF-IDPNI	DPK---	GIGYNIMQSVITVGS GGLFGKGFLEGTQG	PLKF LP-ER	265
<input checked="" type="checkbox"/>	<a href="#">WP_011242757</a>	222	VGWKS[27]	NLLQDYQKDR LILF-LDPNK	DPL---	GGYNLIQARIAIGAGGIW GQGLNQGTT	QLRFIP-EQ	312
<input checked="" type="checkbox"/>	<a href="#">WP_013708713</a>	221	VLATN[11]	ALIKDYQMNRL LVF-MDPSK	DTS---	GAGYNLQQALIAVGS GGF FGKIGGASQA	VSGF LP-EA	295
<input checked="" type="checkbox"/>	<a href="#">WP_014546566</a>	219	VFSVL[27]	NMLEPHQQKR VNTF-LDPMS	DPL---	GDGYQVLQSI TAIGSGGIGKGFNGSQT	NLSF LP-EE	309
<input checked="" type="checkbox"/>	<a href="#">WP_048435637</a>	205	AAAYE[2]	----PHVRARITRF-MDKDS	-----	GDNFQTFWSQESFSSGGWLTGPGE GIAK	--RHLP-DA	261
<input checked="" type="checkbox"/>	<a href="#">WP_013127264</a>	267	VFLAL	--VEGYRSARLA AW-LGRSN	DAL---	GVSYQSNQARYSLADGGFFGVGLGNSTA-	KWSYLP-NA	327
<input checked="" type="checkbox"/>	<a href="#">WP_011522270</a>	195	AWMKV	--LKPYQKDR LTSF-VDPEA	DPQ---	KAGYQVLQSLVAVGS GGLTGK GIRKGSQT	QGSF LP-IP	256
<input checked="" type="checkbox"/>	<a href="#">WP_012683246</a>	218	VALVL[27]	DKLKP YQQRLLVF-LDPTI	DMR---	GSGYHVTQSKVAIGSGGLFGQGF TQGSQK	RLQF LP-ER	308

<input checked="" type="checkbox"/>	<a href="#">WP_010942720</a>	195	VWL-- [ 3 ]	YYLRDYQKNRVLNF-LDPER	DPL---	GTGYHIIQSKIAVGSGLFGKGFLOGTQS	QLRFLP-EQ	259
<input checked="" type="checkbox"/>	<a href="#">WP_011112575</a>	199	LWTFG	--MHDYQRKRVMTM-LDPSQ	DAL---	GAGYHTIQSSIAIGSGGISGKGWLKGTQS	QLDFLP-EP	260
<input checked="" type="checkbox"/>	<a href="#">WP_003114090</a>	196	MWFFI	--MHDYQKQRVLTF-LDPES	DPL---	GTGWNIIQSKAAIGSGGVFGKGWLLGTQS	HLDFLP-ES	257
<input checked="" type="checkbox"/>	<a href="#">WP_013066543</a>	203	----- [ 12 ]	QLLHDYQFKRIDTF-LDPSA	DPL---	GAGYNIMQAQIALGSGGWSGRGYMQGTQS	HLNFLP-EK	273
<input checked="" type="checkbox"/>	<a href="#">WP_011744311</a>	208	LALWL [ 28 ]	ELLKPHQLKRIQTF-LDPMS	DPR---	GAGYNVIQAKIAISSGGFFGKGYLEGTQT	QLRFIP-AQ	299
<input checked="" type="checkbox"/>	<a href="#">WP_002853654</a>	195	IIYT-	HLLKPYQKQRIHDF-ISEKP	-----	SYQVAQSMIAIGNGLTGKSQDEATQT	HFKFLP-IS	252
<input checked="" type="checkbox"/>	<a href="#">WP_009963846</a>	203	AYFFG	--LKPYQKKRVEVF-VNMLT [ 4 ]	DTL---	GDAYMADKVKIAVGSAGFEGKGPLSSKVD [ 5 ]	RTFFTPtEA	274
<input checked="" type="checkbox"/>	<a href="#">WP_012851903</a>	230	VWFFG	-LLKPYQIARFTAF-IDPEA	DPR---	GAGYNAQQARIAVGSGLTGKGLFEGET	GGHFVP-EQ	292
<input checked="" type="checkbox"/>	<a href="#">WP_010881835</a>	208	VLMI-	-VTSTNRLRRVLSF-LYPDR	DPL---	GAGYQVNAALEALMDGGLWGRGIGNGVR-	KIASVP-EV	268
<input checked="" type="checkbox"/>	<a href="#">WP_003867927</a>	199	VVV--	FSSFYIIRERVFTF-LNPWQ	DIQ---	KSGYQIVQSLYALGSGGLFGVGLGSRQ-	KLMYLP-MP	259
<input checked="" type="checkbox"/>	<a href="#">WP_012869947</a>	200	AW-GF	--LKPYQRMRLLVF-IDPKV	DPL---	GAGYNVIQSRIAVGSGLFGKGFMGGTQG	RLHFIP-EP	260
<input checked="" type="checkbox"/>	<a href="#">WP_012639260</a>	192	LWHF-	--MRPYQRQRVLTL-LNPES	DPL---	GAGYHIIQSKIAIGSGGLYGKGLNGTQS	QLEFLP-ER	252
<input checked="" type="checkbox"/>	<a href="#">WP_013007878</a>	199	VGW--	NHLKDYQKKRVITF-LNPEK	DPF---	GAGYHVIQSKIAIGSGGLKKGFLKGTQS	HLKFLP-ER	260
<input checked="" type="checkbox"/>	<a href="#">WP_010919421</a>	207	PFVM-	FVLHDYQRHRVMTF-LNPEA	DPS---	GKGYQIVQSKIALGSGGLLKGFLGGSQS	QLNFLP-EK	269
<input checked="" type="checkbox"/>	<a href="#">WP_012415416</a>	212	LHQL-	-IFYSYRLKRLFSF-LDPEE	TAG---	TTGYQLFQSFLAIGSGGWFGKGLGNSEL-	KLQYLP-AA	272
<input checked="" type="checkbox"/>	<a href="#">WP_011564505</a>	205	LRFRL	--LEEYQIARLTAF-LDPES	AGE---	IGYQVTQSKLAIGSGGLTGKGLDATTLA	NLGFIP-ED	265
<input checked="" type="checkbox"/>	<a href="#">WP_012411137</a>	209	ILSI-	-SIKEYQRKRVMSF-LNPWA	DAT---	GDGYQLVQSLLAVGSGRTWGAGFLSQQ-	KLFYLP-IQ	269
<input checked="" type="checkbox"/>	<a href="#">WP_000131719</a>	198	LWFFL	--MHDYQRQRVMLL-LDPES	DPL---	GAGYHIIQSKIAIGSGGLRGKGLHGTQS	QLEFLP-ER	259
<input checked="" type="checkbox"/>	<a href="#">WP_041571869</a>	203	IAVI-	-ISSDHQILRIKLWwANAQN [ 16 ]	ENL---	PEPYQIHHSLSIQNGGFFGEGLGNGLI-	KLGFIP-ES	280
<input checked="" type="checkbox"/>	<a href="#">WP_003033307</a>	217	AMLVI	--ISPYRMHRITGF-LHPWE	NAN---	GSGYQLVQALIGFGRGGWFGDGLGNGIQ-	KQFFIP-EA	277
<input checked="" type="checkbox"/>	<a href="#">WP_011014922</a>	236	AVLAL [ 2 ]	----GFRSSRFVY-FDALF [ 4 ]	DVR---	GIAFQSYQGFSLADGSGLVGLGQSRA-	KWFYLP-EA	300
<input checked="" type="checkbox"/>	<a href="#">WP_012583594</a>	195	PFFW-	LILKPYQQRIITF-LDPMK	DPL---	GSGYQVIQSLIAIGSGGIWKGWFQGTQT	HLNLIP-EQ	257

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<input checked="" type="checkbox"/>	Query_RodA Bs	278	TTDFIFSIIIGESFGFIGCAIVVIMFFFLIYRLVVLIDK-ihPFNRFASFVCVG-YTALIVIHTFQNIIGNIGIMPVTGIP	355
<input checked="" type="checkbox"/>	<a href="#">KRL33981</a>	263	ESDMIFSVIGENFGFIGCAVVILLYFLLIYQMIRVTFD---TKNEFYAYISTG-VIMMILFHVFENIGMSIGLLPMTGIP	338
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<input checked="" type="checkbox"/>	<a href="#">WP_003866920</a>	257	WTDFIFS SVGEELGFIGASILIVLYAIMLYRAWKIAYN---AKDKYGMLVAVG-IIAMFTFHIFENIGMTIGIMPITGIP	332
<input checked="" type="checkbox"/>	<a href="#">WP_054095977</a>	275	HNDFIFAVYAEFEGFIGASILICAYLLLIYRMLVVALR---SDHLFGTYIVAG-VMGMFVFQIYQNIGMTIGLMPITGIP	350
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<input checked="" type="checkbox"/>	<a href="#">WP_012897546</a>	285	ESDMIFTVIAEDFGFVGS AFLIFLYFMLIYRMIRVTFK---SNNQFYTYISTG-IIMMILFHVFENIGAAIGVVPLTGIP	360
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<input checked="" type="checkbox"/>	<a href="#">WP_021295852</a>	284	WTDYIFSAIGEEFGFVGA AVLVLFLILMYRLVKIAAT---TDDPFGMYMAIG-VIGMFSFQVFENIGMDMYLSPSTGIT	359
<input checked="" type="checkbox"/>	<a href="#">WP_004094495</a>	260	HTDFIFAVIGEEVGFIGSVLVLALYMLLLYRGVKIAGA---ARDNFGTLLAAG-IVSMLAFHLLVNVGMTAGIMPVTGIP	335
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<input checked="" type="checkbox"/>	<a href="#">CAA74601</a>	265	QTDFVFTVAGEELGFLGAGLI IALLGVVLRGCR IARS---TPDLYGTVVAAG-IVAWFAFQTFENVGMTLGIMPVTGLP	340
<input checked="" type="checkbox"/>	<a href="#">WP_011524430</a>	259	HTDFIFAVTSEELGLVGSVTVLLFAIFLYRGIRAAVM---TEDTFGRLLATG-ITAMVVQAFFNVSVLGLLPKGTGIP	334
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<input checked="" type="checkbox"/>	<a href="#">ABF88160</a>	269	HTDFIFS VWAEHGFVMCIVLLVLYGAIFIFGLGVGFN---ARDRFGAFVAVG-VVAMLFWQVFENIGMVI GLLPVTGIT	344
<input checked="" type="checkbox"/>	<a href="#">WP_023036458</a>	260	HTDFIGSVFLEERGF LGGSMLLLIYIVLLAQIIYIADT---TEDKFGKYVCYG-VATIFFFHIFVNMGMIMGIMPVTGLP	335
<input checked="" type="checkbox"/>	<a href="#">WP_003815198</a>	271	TTDFIFAVYAEFEGFLYGGVALLVLYGLFMARGLAIASR---ASSQFGRLLAGA-ITMMMFYVFNVGMVTGILPVVGV	346
<input checked="" type="checkbox"/>	<a href="#">WP_012893695</a>	281	HTDFIFTVAGEEFGFLGSVTVVAL LGVILLRGMRIARQ---CDDRFGTLTAGV-IVCWLA FQS FVNIGMTIGIMPITGLP	356
<input checked="" type="checkbox"/>	<a href="#">WP_010963045</a>	253	RTDFAFAVLSEEWGFLGSMALILLYTSLLGIIFS IAYR---SKNYFSKSI SIG-IFAF FSAHFFINIGMTMGLLPVIGDP	328
<input checked="" type="checkbox"/>	<a href="#">WP_015723471</a>	262	HTDFAFSVWAEWGFAGSLFFLSCYFFMLIWGINIAMS---AKDKFGSILAFG-CIMLIFWQAVINLFMIMGFLPVVGV	337
<input checked="" type="checkbox"/>	<a href="#">AIE75879</a>	274	TTDFIFAVFAEEFGLIGCIVFLFLGLFTTMGLRVAMR---CRHRVKRLIGLG-VVIFLVGQSLLNIGVASGALPTTGLP	349

<input checked="" type="checkbox"/>	<a href="#">WP_015646126</a>	227	YTD FIVSVIGEEFGF IGIVFLLSLFGLLFFEVSRLWLN---VKDEYWEILMVS-ACGLIWFHVFENVSMNLGLLPVTGVP	302
<input checked="" type="checkbox"/>	<a href="#">WP_006193613</a>	259	HTDFIFAVVGEELGFVGA AALLLLYLVLWRGVKIARD---ASDTFGRLLAGV-ITSM LAFHVLVNVGMTTGIMPVTGIP	334
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<input checked="" type="checkbox"/>	<a href="#">WP_010943695</a>	266	HTDFILSVTGEELGLIGVTVIAAMFLMLVLRGVRVALM---AQEPFGRFLAFG-IATLLGIQSFVNMAVVTGLLPVKGLA	341
<input checked="" type="checkbox"/>	<a href="#">WP_012963917</a>	250	HTDFIFSVAEEGGFVLSLLLLSLYFLLIYRLITYGMR---IYDGNQRLFLGG-AVSLLLFQVFVNLMMTMGLMPVVGIP	325
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<input checked="" type="checkbox"/>	<a href="#">WP_003976192</a>	291	QTDFVFTVAGEELGFLGAGLI IALLGVVLWRGCRIARS---TPDLYGTVVAAG-IVAWFAFQTFENVGMTLGIMPVTGLP	366
<input checked="" type="checkbox"/>	<a href="#">WP_027868355</a>	295	HTDFIFAIIGEELGYVGVV LALLMVFFVAFRAMS IGRKaleIDHRFSGFLACS-IGIWF SFQALVNVGAAAGMLPTKGLT	373
<input checked="" type="checkbox"/>	<a href="#">WP_012546334</a>	266	HTDFIFPIFAEEWGF IGCLILLSLYFTFFIRCFQTSII---AKNNFGKLLALG-FTSIFILYFFINIGMTLGIMPVVGIP	341
<input checked="" type="checkbox"/>	<a href="#">WP_011242757</a>	313	HTDFIFSAVGEELGFVGSIAVILLFWLVCWRLIAIATS---ARDNFGSLLAIG-VLSMLVFQIVINIAMI TIGLGPVTGIP	388
<input checked="" type="checkbox"/>	<a href="#">WP_013708713</a>	296	QTDFVFALLSEEFGF IGAFLLLVLF AWLILSAIRVAVK---TDNLFMKLV CVG-IVGMWTFQVFENVGMCIGLMPITGIP	371
<input checked="" type="checkbox"/>	<a href="#">WP_014546566</a>	310	HTDFIFSVLGEQGFVGC AVILVLF TFLWRASSICKT---NDDPFVTLVTMG-AATIFLFHITVNIAMI TIGLMPVTGLP	385
<input checked="" type="checkbox"/>	<a href="#">WP_048435637</a>	262	HTDFIFS VAGEEFGV IICIGIVLLFAFIVMRGLV LARR---SDDIFCRLAITG-LTALFGLQACINMAVNVRLMPAKGMT	337
<input checked="" type="checkbox"/>	<a href="#">WP_013127264</a>	328	HND FIFAIIGEELGYLGAGV VILMFGLLTWVGLRIACR---VADPFLQLMAAT-ITTLIALQAIINMGYVVG LLPVTGIQ	403
<input checked="" type="checkbox"/>	<a href="#">WP_011522270</a>	257	QTDFIFAAFSEEHG FVGAIFLLLLYFV VLMRLIHDAQT---APDRAGTFIVMG-VVAVLAFHILVNVGMVVGFM PVTGIP	332
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<input checked="" type="checkbox"/>	<a href="#">WP_010942720</a>	260	HTDFAFSVFAEEWGFV GSVLVL LLYAVLTLWGLQIARR---CNDRFGSLVAVG-VTAMLFWHIIINIGMVI GLFPVVGVP	335
<input checked="" type="checkbox"/>	<a href="#">WP_011112575</a>	261	STDFIFS VVSEEFGLIGN SLLLSLYLIVIGRCLVITAR---APTRFTRLVAGS-ITLTFFTYVFNMG MVSGILPVGIP	336
<input checked="" type="checkbox"/>	<a href="#">WP_003114090</a>	258	HTDFIIAVLGE EFGLVGVCLLLVLYLL LISRGLVITAQ---AQ TLYGKLLAGG-ITMTFFVYVFNIGMVSGLLPVVGVP	333
<input checked="" type="checkbox"/>	<a href="#">WP_013066543</a>	274	HTDFIFTTLAEEFGF IGAFGLLSLYVGI AFATYTALS---TKDRYASLVSLG-VAGTFFF FAINMGMMGLMPVVGVP	349
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<input checked="" type="checkbox"/>	<a href="#">WP_002853654</a>	253	TSDFIFAYMIERFGF IGGLTLIIFYILLIFHLLSLNYK---LKDDYFARVAINcVALFIFIYAAVNISM TIGFAPVVGIP	329

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<input checked="" type="checkbox"/>	<a href="#">WP_012851903</a>	293	QTDFIFTVAGEELGFIGSALLIGLLGVVLRGLRIATA---AADPFGALVAAG-VVCWLGFTFENIGMTLGIMPITGLP	368
<input checked="" type="checkbox"/>	<a href="#">WP_010881835</a>	269	YSDFI FVVIGEEMGFIVCLYLMLLFAFTLTGISIALR---CANRFNTFLAFG-ASAAIVLQSIILNVAVVRLVPATGIP	344
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<input checked="" type="checkbox"/>	<a href="#">WP_000131719</a>	260	HTDFIFAVLAEELGLVGLILILLALYILLIMRGLWIAAR---AQTFGRVMAGG-LMLILFVYFVNIGMVSGLPVVGV	335
<input checked="" type="checkbox"/>	<a href="#">WP_041571869</a>	281	HTDIVLAGIAEETGFVGLFFCTLLFCAIIYRIFKIANR---SENNVFYLFVCG-AGILLSFSFMINAYGISGITPIKZIA	356
<input checked="" type="checkbox"/>	<a href="#">WP_003033307</a>	278	HTDFITSVIAEELGVVGLMVLLAVYLFIVFRAMSIAKMaFeLNRYYQAFLAYG-VGFWIAFQVFNIGVNTGLLPTKGLT	356
<input checked="" type="checkbox"/>	<a href="#">WP_011014922</a>	301	KNDFIFAIIGEELGLWGGALVIALFAGLLYFGLRTAKK---SHDPFLGLMAAT-LTASVVSQAFINIGYVVGLLPVTGIQ	376
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<input checked="" type="checkbox"/>	Query_RodA Bs	356	LLFVSYGGSSTLSTLIGFGIVYNASVQLTKYRSYL[ 3 ]	393
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