

**RNC PQ"FG"**

**FGUGPXQN XKOGPVQ"FG"**

**RGUUQCU"4242"**

**OCT¥Q"4242"**

Xgtu-q"302

**TGKVQT**

Rtqh0"U<sup>2</sup>tikq"Cwiwuvq"CtcÀlq"fc" I c o c"Egtswgkte

**XKEG/TGKVQT**

Rtqh0"Xcnfkt"Ocpq

**RT ~ /TGKVQTC"FG" I GUV ì Q"G"FGUGPXQN~~X~~KOGPVQ"FG"RGUUQCU**

I gwpkeg"Vkp½eq"Ueqnc

**FKTGVQTC"FG"FGUGPXQN~~X~~KOGPVQ"FG"RGUUQCU**

Etkuvkcpq"Crcctgekfc"fc"Uknxc

**E J GHG"FQ"UGVQT"FG"CEQORCP J COGPVQ"G"FGUGPXQN~~X~~KOGPVQ"FG"RGUUQCU"**

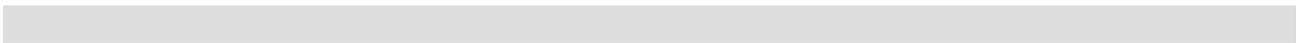
En<sup>a</sup>wfkq"Ycipgt"fg"Oqtcku

**CRTGUGPVC¥İQ**

C "Rqñ¶vkec" Pcekqpcñ " fg " Fgugpxqñxk o gpvq " fg " Rguuqcu " \*RPF R+ " vgo " eq o q " qdlgvkxq " rtq o qxgt " q fgugpxqñxk o gpvq " fqu " ugtxkfqtgu " rÀdñkequ " pcu " eq o rgy´pekc " pgeguuªtkcu " « " eqpugew±-q " fc gzeñ´pekc " pc " cvwc±-q " fqu " »ti- qu " g " fcu " gpvkfcfgu " fc " cf o kpkuvtc±-q " rÀdñkec " hgfgtñ " fktgvc. cwvªtswkec " g " hwpfcekqpcñ

C "RPF R " 2 " eq o rquvc " rqt< " Rñcpq " fg " Fgugpxqñxk o gpvq " fg " Rguuqcu " ó " RFR= " tñcv»tkq " cpwñ " fg gzegew±-q " fq " RFR= " Rñcpq " Eqpuqñkfcfq " fg " C±;gu " fg " Fgugpxqñxk o gpvq = " tñcv»tkq " eqpuqñkfcfq " fg gzegew±-q " fq " RFR= " o qfgñqu. " o gvqfqñq iku. " hgttc o gpvcu " kphqt o cvk | cf cu " g " vtñjcu " fg fgugpxqñxk o gpvq

î "Rt»/Tgkvqtkc " fg " I guv- q " g " Fgugpxqñxk o gpvq " fg " Rguuqcu " \*RTQ I R+ " eq o rgyg " c " gñcdqtc±-q " cpwñ fq " RFR " pq " - o dkvq " fc " WHUL. " swg " xkiqtctª " pq " gzgte¶ekq " ugi wkpvg. " eq o " c " hkpcñkfcfg " fg " tñcekqpDk= î /»QQTx<x





## 303"C"Kpukvwk±-q"

C" Wpkxgtukfcfg" Hgfgtcn" fg" U-q" Lq-q" fgn/Tgk" \*WHUL+ "hqk" kpuvkvwfc" rgnc" Ngk" pà" 90777." fg" 3: " fg fg|g o dtq" fg" 3; :8." eq o q" Hwpfc±-q" fg" Gpukpq" Uwrgrtkqt" fg" U-q" Lq-q" fgn/Tgk" \*Hwptgk+. "ugpfq tguwnvcfq" fc" tgwpk-q" g" hgfgtcnk|c±-q" fg" fwcu" kpuvkvwk±,gu<" c" Hcewnfcfg" Fq o "Dqueq" fg" Hknquqhk. Ek'pekcu" g" Ngvtcu. "ewlcu" cvkxkfcfgu" kpkcktc o" g o" 3; 76." o cpvkfcu" rgnc" Kpurgvqtkc" fg" U-q" Lq-q" Dqueq= g" c" Hwpfc±-q" Owpkckrcn" fg" U-q" Lq-q" fgn/Tgk." o cpvgpgfqt c" fc" Hcewnfcfg" fg" Ek'pekcu" Geqp½ o kecu. Cf o kpkuvtcvxcu" g" Eqpv<sup>a</sup>dgku" \*Hcegc+ " g" fc" Hcewnfcfg" fg" Gp igpjctk" Kpfwvctkn" \*Hcgkp+. " ewlcu cvkxkfcfgu" kpkcktc o /ug" g o" 3; 94" g" 3; 98" tgurgevkc o gpv0"

Go" 3; " fg" cdtkn" fg" 4224." c" Hwptgk" hqk" vtcpuhqt o cfc" g o" Wpkxgtukfcfg" rqt" o gkq" fc" Ngk" 320647. cfqvcpfq" c" uki n c" WHUL." gngkvc" rgnc" eq o wpkfcfg" cecf' o kec0" C" WHUL" 2" rguuqc" Iwtfkec" fg" fktgkvq rÀdneq." eq o "hkpcpeko gpvq" rgnq" Rqfgt" RÀdneq." xkpewncfc" cq" Okpku<sup>2</sup>tkq" fc" Gfwec±-q." swg" vg o" ugfg g" hqtq" pc" ekfcfg" fg" U-q" Lq-q" fgn/Tgk." g" rquuwk" wpkfcfgu" gfwecqpkcu" g o" Fkxk» rqnku." pc" tgik-q" fq Cnvq" Rctcqr gdc" g" g o" Ugvg" Nci qcu." vqfcu" pq" Guvcfq" fg" Okpcu" Igtcku0"

Eq o q" w o c" Kpukvwk±-q" hgfgtcn" fg" gpukpq" rÀdneq" uwrgrtkqt." c" WHUL" | gnc" rgnc" cwwppq o kc" ekgpv hkec. fkv<sup>a</sup>vkec." cf o kpkuvtcvxc. " fkuernkpc" g" fg" i guv-q" hkpcpegk" g" rvcvk o qpkcn0" C" WHUL" hqk" w o c" fcu rqwecu" kpuvkvwk±,gu" hgfgtcn" fg" gpukpq" uwrgrtkqtgu" etkfc" pc" f<sup>2</sup>ecfc" fg" 3; : 20" Fgu fg" q" rtqeguug" fg hgfgtcnk|c±-q." I<sup>a</sup>" cuu w o kc" eq o q" w o" fqu" gkzqu" egpvtcu" fg" uwc" cvkxkfcfgu" hkpu" c" kpfkuuqekcdknkfcfg gpvtg" cu" cvkxkfcfgu" fg" Gpukpq." Rguswkuc" g" Gzvqpu-q0" Fgu fg" q" kpeq." c" Kpukvwk±-q" vtedcnj qw" rctc" c swcnkhkec±-q" fg" ugw" swcftq" fcegpvg." uqdtgvwfq" eq o " q" kpegpvkxq" cq" fqwwqtc o gpvq." dg o" eq o q" fc hqt o c±-q" g" guvedknk|c±-q" fqu" i twrqu" fg" rguswkuc" g" fc" k o rncpvc±-q" fg" r»u/ i tcfwc±-q" *uvtkevq* *ugpuw*. gng o gpvqu" hwpfc o gpvku" rctc" c" uwc" vtcpuhqt o c±-q" g o" Wpkxgtukfcfg0"

Cvwn o gpvq." c" Kpukvwk±-q" guvtwwtc/ug" cf o kpkuvtcvxc o gpvq" g o" ugku" wpkfcfgu" gfwecqpkcu" g" w o Egpvtq" Ewnvwtcn0" Guv-q" nqecnk|cfqu" g o" U-q" Lq-q" fgn/Tgk" q" *Eco r wu* Ucpvq" Cp½pkq." q" *Eco r wu* Fq o Dqueq" g" q" *Eco r wu* Vcpetgfq" fg" Cn o gkfc" Pgxgu." cn<sup>2</sup> o " fq" Egpvtq" Ewnvwtcn" fc" WHUL0" Gpvtg" 4229" g 422.: " c" WHUL" etkq" vt' u" wpkfcfgu" gfwecqpkcu" g o" qwvtqu" o wpkef rkqu" fg" Okpcu" Igtcku<" q" *Eco r wu* Cnvq" Rctcqr gdc." nqecnk|cfq" pc" fxxkuc" gpvtg" qu" o wpkef rkqu" fg" Eqpiqqjcu" g" Qwtq" Dtcpeq=" q" *Eco r wu* Ugvg" Nci qcu." pc" ekfcfg" j q o ½pk o c=" g" q" *Eco r wu* Egpvtq/Qguvg" Fqpc" Nkpfw." ukwvcfq" pq" o wpkef rkqu" fg Fkxk» rqnku0"

## RTQIR

C" Rt»/Tgkvqtkc" fg" I guv-q" g" Fgugpxqnxk o gpvq" fg" Rguuqcu" 2" »ti-q" fc" Tgkvqtkc" tgu rqu<sup>a</sup>xgn" rqt rtq o qxgt" c" i guv-q" fg" ugtxkfqtgu." rgpukqpkuvcu" g" vtedcnjcfqtgu" fc" WHUL." eqpeknkcpfq" qu" kpvgtguugu kpfkxkfwecu" cqu" kpuvkwekqpkcu." rqt" o gkq" fg" c±,gu" fg" ceq o rcpj c o gpvq." fgugpxqnxk o gpvq" rguuqcn" g rtqhkkuqpcn" g" fg" rtq o q±-q" fc" swcnkfcfg" fg" xkfc0" !. " ckpfc." wpkfcfg" fg" rncpglc o gpvq" g" fg" i guv-q cf o kpkuvtcvxc" fktkikfc" «" hqt o wnc±-q" g" k o rng o gpv±-q" fc" rqnfvkec" fg" I guv-q" fg" Rguuqcu" fc Wpkxgtukfcfg." ugpfq" v c o d<sup>2</sup> o " tgu rqu<sup>a</sup>xgn" rqt" uwrgrtkxkqpc" g" eqqtf gpc" cu" c±,gu" guwcdgngkfcu" pq Rncpq" fg" Fgugpxqnxk o gpvq" kpuvkwekqpcn" g" pq" Rncpq" fg" I guv-q0"

## Okuu-q

Rtq o qxgt" c" i guv-q" fg" ugtxkfqtgu." rgpukqpkuvcu" g" eqncdqtcfqtgu" fc" WHUL." eqpeknkcpfq" qu







**40 RNC PQ"FG"FGUGPXQNXKOGPVQ"FG"RGUUQCU"/"WHUL"\*RFR/4242+**

Cr>u" Ocpkhguc±q"V<sup>2</sup>epkec"uqdtg"q"RFR"WHUL."tgcnk|cfq"rgnq">ti-q"egpvtcn"fq"UKRGE."hqm"rquu|xgn"fkuvtkdwkt"cu"czgu"fg"fgugpxqnxkogpvq  
fgocpfcfcu"pqu"ugiwpvgu"itwrqu<"k+"ewtuqu"qhgtvcfqu"rgnc"GPCR="kk+"ewtuqu"qhgtvcfqu"rgnc"WHUL="ewtuqu"gzvgtpqu"eqo"rcicogpvq"fg"kpuek±q"rgnc  
WHUL="gfwec±q"hqto cn="g"rctvkekr±q"go"eqpitguuqu."ugokp<sup>a</sup>tkqu."ukor>ukqu."ugocpcu"g"chkpu0

**403"Ewtuqu"qhgtvcfqu"rgnc"GPCR**

C"rctvkt"fq"ngxcpvcogpvq"fg"pgeguukfcfgu"fg"fkxgtucu"kpukvwk±gu."tgcnk|cfq"pq"hkpcn"fg"423;."hqm"rquu|xgn"kfpgvkhkect"czgu"vcpuxgtucku"fg  
fgugpxqnxkogpvq"\*cswgncu"swg"ucvkuhc|go"cu"pgeguukfcfgu"fg"ocku"fg"wockpukvwk±q+0"C"rctvkt"fcu"pgeguukfcfgu"vcpuxgtucku."c"Hwpfc±q"Gueqnc  
Pcekqpcn"fg"Cfo kpkvut±q"RAdnkec"\*GPCR+"eqpvtwkwo"rqtvh>nkq"fg"ewtuqu."eqpvtkdwpfq"rctc"cqvkok|c±q"fq"wuq"tcekqpcn"fq"tgewtuqu"rAdnkequ  
g"vqtpcpfq"cu"czgu"fg"fgugpxqnxkogpvq"ocku"gnkp|Tulgnedf>Qijkgfp>Qxydu>Qjapw>ggadQjgnkka>Z>ao>zj>Qdu>df>>=r/de</>Tx>



fTGC<"IGUVİQ."RTQEGUUQU"G"OGVQFQU"FG"VTCDCNJQ

Pgeguukfcfg	Hqto c	Ewtuq*U+Uwigtkfq*U+	Jqtcu	Fevc	Nkpm"Ewtuq
Guvwfct"q"qt±c o gpvq"rÀdneq"rctc"rncpglct"rtqrquvc"fg"fkuvtkdwt±"q"qt±c o gpv <sup>a</sup> tkc"pc"WHUL*CV364+	Rtgugpekn	I guv <sup>-</sup> q"qt±c o gpv <sup>a</sup> tkc"g"hkpepegkte"/"xku <sup>-</sup> q"igtcn	43j"	cdtkn	<a href="#">Enkswg"Cswk</a>
		Rtqeguug"ng i kuncvkvxq"qt±c o gpv <sup>a</sup> tkq"/"qt±c o gpvq"ko rqukvkxq	43j"	cdtkn	<a href="#">Enkswg"Cswk</a>
		Nkfgtcp±cu"g o"qt±c o gpvq"g"hkpcp±cu	366j	C"fghkpkt	<a href="#">Enkswg"Cswk</a>
Crtk o qtct"cu"v <sup>2</sup> epkecu"fg"rncpglc o gpvq"g"qt±c o gpvq"fcu"wpkfcfgu"cec f' o kecu"*E IN32+	Rtgugpekn	I guv <sup>-</sup> q"qt±c o gpv <sup>a</sup> tkc"g"hkpepegkte"/"xku <sup>-</sup> q"igtcn	43j"	Cdtkn	<a href="#">Enkswg"Cswk</a>
		Rtqeguug"ng i kuncvkvxq"qt±c o gpv <sup>a</sup> tkq"/"qt±c o gpvq"ko rqukvkxq	43j"	Cdtkn	<a href="#">Enkswg"Cswk</a>
	Ugokrtgugpekn	Nkfgtcp±cu"g o"qt±c o gpvq"g"hkpcp±cu	366j	Oct±q	<a href="#">Enkswg"Cswk</a>
Cvwnk ct"qu"eqpjgek o gpvqu"fg"eqpvcdknkfcfg"crnkccfc"cq"Ugvqt"RÀdneq*CV69+	Rtgugpekn	Eqpvcdknkfcfg"d <sup>a</sup> ukec"crnkccfc"cq"ugvqt"rÀdneq	43j"	Ockq	<a href="#">Enkswg"Cswk</a>
		Eqpvcdknkfcfg"eq o"hqeq"pc"i guv <sup>-</sup> q"fc"kpht o c±"q"eqpv <sup>a</sup> dkn	43j"	cdt0l"lwp0	<a href="#">Enkswg"Cswk</a>
		Eqpvcdknkfcfg"eq o"hqeq"pc"i guv <sup>-</sup> q"fq"rcvtk o ½pkq"rÀdneq	43j"	o ct0l"o ckl	<a href="#">Enkswg"Cswk</a>
Crtgpfgt"uqdtg"i guv <sup>-</sup> q"fg"ewuvu*CV363+	Rtgugpekn	kpuvtw o gpvqu"fg"rncpglc o gpvq"hkpcpegktq<"r rc."nfq"g"nqc	43j"	ockq	<a href="#">Enkswg"Cswk</a>
		Ngk"fg"tgurqpucdnkfcfg"hkuecn"*nth+"g"pqxq"tg ik o"g"hkuecn"*pth+	36j	o ct±q	<a href="#">Enkswg"Cswk</a>
Crtk o qtct"eqpjgek o gpvqu"pc"atgc"fg"qrgtc±"q"Ocpwvgt±"q"g"Rncpglc o gpvq"g"Eqpvqtng"fg"Htqvc"fg"Xg"ewnuq"*CV322+	Ugokrtgugpekn	Hwpfc o gpvqu"fc"i guv <sup>-</sup> q"fc"nq i"uvkec"rÀdneq	43j"	octl"lwp"ci ql"qvw	<a href="#">Enkswg"Cswk</a>
		nkfgtcp±cu"g o"nq i"uvkec"g"eq o r tcu"rÀdneqcu	352j	C"fghkpkt	<a href="#">Enkswg"Cswk</a>
Crtgpfgt"uqdtg"etk <sup>v2</sup> tkqu"rctc"ctswkx o gpvq"fg"fqew o gpv <sup>c±</sup> q0*CV5: +	GCF	I guv <sup>-</sup> q"fc"kpht o c±"q"fqew o gpv <sup>c±</sup> q"/"eqpegkvqu"d <sup>a</sup> ukequ"g o"i guv <sup>-</sup> q"fqew o gpv <sup>c±</sup> q	42j	Rgt o cpgpv	<a href="#">Enkswg"Cswk</a>
Cvwnk ct"eqpjgek o gpvqu"uqdtg"pqt o cu"fg"ctswkxqu"fk i kvcku0"i guv <sup>-</sup> q"g"Rtgugtxc±"q"fg"fqew o gpvqu"ctswkx"uvkequ"fk i kvcku"*CV56+	GCF	I guv <sup>-</sup> q"fc"kpht o c±"q"fqew o gpv <sup>c±</sup> q"/"eqpegkvqu"d <sup>a</sup> ukequ"g o"i guv <sup>-</sup> q"fqew o gpv <sup>c±</sup> q	42j	Rgt o cpgpv	<a href="#">Enkswg"Cswk</a>
Cvwnk ct"eqpjgek o gpvqu"uqdtg"tgrqukv>tkqu"fk i kvcku"eqphk <sup>a</sup> xgku"*CV55+	GCF	I guv <sup>-</sup> q"fc"kpht o c±"q"fqew o gpv <sup>c±</sup> q"/"eqpegkvqu"d <sup>a</sup> ukequ"g o"i guv <sup>-</sup> q"fqew o gpv <sup>c±</sup> q	42j	Rgt o cpgpv	<a href="#">Enkswg"Cswk</a>
Crtgpfgt"uqdtg"rcftqpk c±"q"fg"rtqegfk o gpvqu"g"o crgc o gpvq"fg"rtqeguugu*CV376+	Rtgugpekn	I guv <sup>-</sup> q"fg"rtqeguugu"eq o"hqeq"g o"kpqxc±"q	43j	cdt"lwp"ci ql"ugv	<a href="#">Enkswg"Cswk</a>
		Cp <sup>a</sup> nkug"g"o gnjatk"fg"rtqeguugu	57j	o ckl"lwp"ci ql"qvw	<a href="#">Enkswg"Cswk</a>
Crtk o qtct"hnwzq"rtqeguucn."eq o"qdlgvkxq"fg"o gnjatkcu"eqpv"pweu"fq"ugvqt*CV; 9+	Rtgugpekn	I guv <sup>-</sup> q"fg"rtqeguugu"eq o"hqeq"g o"kpqxc±"q	43j"	cdt"lwp"ci ql"ugv	<a href="#">Enkswg"Cswk</a>
		Cp <sup>a</sup> nkug"g"o gnjatk"fg"rtqeguugu	57j	o ckl"lwp"ci ql"qvw	<a href="#">Enkswg"Cswk</a>
C o rnkct"eqpjgek o gpvqu"rctc"o gnjatkct"ecrcekfcfgu"v <sup>2</sup> epkecu"g"cf o kpvkvcvkvxqu"tgnvkvxqu"c"i guv <sup>-</sup> q"fg"rtqeguugu*CV37: +	Rtgugpekn	I guv <sup>-</sup> q"fg"rtqeguugu"eq o"hqeq"g o"kpqxc±"q	43j"	cdt"lwp"ci ql"ugv	<a href="#">Enkswg"Cswk</a>
		Cp <sup>a</sup> nkug"g"o gnjatk"fg"rtqeguugu	57j	o ckl"lwp"ci ql"qvw	<a href="#">Enkswg"Cswk</a>
Eqpjgegt"g"wnk ct"eq"ghkek"pekc"o gvqfqni kc"rctc"rcftqpk c±"q"fg"rtqeguugu"/"egttc"fg"dtcukngtkq"CV987	Rtgugpekn	I guv <sup>-</sup> q"fg"rtqeguugu"eq o"hqeq"g o"kpqxc±"q	43j"	cdt"lwp"ci ql"ugv	<a href="#">Enkswg"Cswk</a>
		Cp <sup>a</sup> nkug"g"o gnjatk"fg"rtqeguugu	57j	o ckl"lwp"ci ql"qvw	<a href="#">Enkswg"Cswk</a>
Ecrcekvt"qu"ugtxkftgu"c"crnkectg o ."pc"rt <sup>a</sup> vkec."q"i gtgpekc o gpvq"fg"Rtqlgvqu0*CV37; +	Rtgugpekn	Ogvqfqni kcu"i gku"fg"rtqlgvqu."rncpglc o gpvq"fg"rtqlgvqu.			
		Fqokpcpfq"ci"i guv <sup>-</sup> q"fg"rtqlgvqu	43j'	octl"o ckl"lwp"ct >	Tj/=/dg'ó>>T<  î/dn'>>TT0



tghgt'pekc " g " gfkvcn " rctc " eqpvtvc±q " pq " ugtxk±q rAdnkeq*CV7:+		Tgclwuvq."tgrcevc±q"gnpcnkjc"fg"ewuvqu	4:j	C"fghpkt	<a href="#">Enkswg"Cswk</a>
		Eqodcvq"cf"fguxkqu"gv"o"cu"rqno"kequ"go"eqpvtcvqu"rctc gncdqtc±q"fg"rtqlgvqu"gzgvcw±q"fg"qdtcu"rAdnkecu	43j"	C"fghpkt	<a href="#">Enkswg"Cswk</a>
		Eqpvtvc±q"gu"rAdnkecu"uwuvgpv"xgku	43j"	ockl"ciq!"qvw	<a href="#">Enkswg"Cswk</a>
	Ugokrtgug pekc	Gncdqtc±q"fg"vgt"o"qu"fg"tghgt'pekc"rctc"eqpvtvc±q"fg" dgpv"ugtxk±qu	36j	cdt!"lwp!"ugv	<a href="#">Enkswg"Cswk</a>
Crtk"o"qtct"qu"eqpjgek"o"gpvqu"pc"atgc"fg"hkuecnk c±q"fg" eqpvtcvqu"fg"ceqtfq"eqo"cn"ngikunc±q"xkigpvq"g"ce»tf-qu tgegpgu"fq"VEW0*CV83+	Rtgugpekc	Crnkec±q"fg"rgpcnkfcfgu"pqu"eqpvtcvqu"cf"okpkuvtcvkxqu	43j"	ugv!"Pqx	<a href="#">Enkswg"Cswk</a>
		Hkuecnk c±q"fg"qdtcu"ugtxk±qu"fg"gpigpjctk."iguv-q	43j"	C"fghpkt	<a href="#">Enkswg"Cswk</a>
		Hkuecnk c±q"fg"eqpvtcvqu"cf"okpkuvtcvkxqu"	62j	C"fghpkt	<a href="#">Enkswg"Cswk</a>
Rquukdknkvct"q"wuq"fg"Hgttc"o"gpvcu"Crnkecfcu"rctc"Ogfk±q. Hkuecnk c±q."crnkecfq/ug"q"OCUR0*CV35:+	Rtgugpekc	Crnkec±q"fg"rgpcnkfcfgu"pqu"eqpvtcvqu"cf"okpkuvtcvkxqu	43j"	ugv!"Pqx	<a href="#">Enkswg"Cswk</a>
		Hkuecnk c±q"fg"qdtcu"ugtxk±qu"fg"gpigpjctk."iguv-q	43j"	C"fghpkt	<a href="#">Enkswg"Cswk</a>
		Hkuecnk c±q"fg"eqpvtcvqu"cf"okpkuvtcvkxqu"	62j	C"fghpkt	<a href="#">Enkswg"Cswk</a>



uqdtg"fqewogpvc±"q"fg"eqortqxc±"q"fg"tgpfc"rctc"rguuqcu					



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404"Ewtuqu"qhgtvcfqu"rgnc"WHUL"

Fgpvtg"cu" c±i.gu" swg" p-q" ugt-q" qhgtgekfcu" rgnc" GPCR" qw" gueqnc" fg" iqxgtpq. "cniwo cu" ugt-q  
tgcnk|cfcu" kpvgtpc o gpvq. " wvknk|cpfq/ug" fg" eqpjgek o gpvq" g" gzrgtk'pekcu" fg" ugtxkfgtgu" fc" pquuc  
rt»rtkc"kpukvwk±-q"qw" fg"kpukvwk±i.gu" rctegktcu0"C"rtgxku-q"fg"fcvcu"ugt^a" rquvgtkqt o gpvq"fkxwnicfc0"

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3/"Ewtuq<"**Kpvgitc±-q"rctc"pqxqu"ugtxkfgtgu**

Qdlgvkxq<"Cq"hkpcn"fq"ewtuq"q"ugtxkfgt" fgxgt^a"ugt"ecrc|"fg"tgeqpjgegt" c"guvtwvwtc"qticpk|cekqpcn"fc  
WHUL" g" fg" tgs wgtgt" dgpgh^ekqu. "eqpeguu\_i.gu. "rtqitguu\_i.gu" g" rtq o q±i.gu. "dgo" eq o q" tgur gkvct" cu  
pqt o cu" g"ng ikunc±i.gu"kpvgtpcu"pq"swg"fk|"tgur gkvq" c"fgxgtgu" g"tgur qpucdknkfcfgu0  
RÀdnkeq/cnxq<"Pqxqu"ugtxkfgtgu"v^2epkeq/cf o kpkuvtcvkxqu" g"fqegpvgu0  
Ectic"jqt^a tke<": "jqtcu0  
Oqfenkfcfg<"Rtgugpekc0

4/"Ewtuq<"**Qrgtcekqpcnk|c±-q."Tgitcu" g"Hwpfc o gpvqu" fq"Ukuvgo c" fg"Eqpeguu-q" fg" Fk^a tkcu" g  
Rcuucigpu"\*UEFR+""**

Qdlgvkxq<"Ecrcekvct"qu"ugtxkfgtgu"fc"WHUL"rctc"qrgtc±-q"fq"ukuvgo c"UEFR0  
RÀdnkeq/cnxq<"Ugtxkfgtgu"\*fqegpvq" g"v^2epkeq/cf o kpkuvtcvkxq+"fcu"wpkfcfgu"swg"wvknk|c o "q"UEFR  
Ectic"jqt^a tke<": j  
Oqfenkfcfg<"Rtgugpekc0

5/"Ewtuq<"**Iqguc"Uf"ctswkxqu" g" hqt o c±-q" fg"rtqeguuqu"pxLdiÀÀ:À o qrH6xLdiÀÀ:À o "r6xL78nÀ97-c o k**

9/ " Ewtuq< Kpvtw± q " Rtqeguwcñ / " V²epkecu " g " rtqegfk o gpvqu " cf o kpkuvtcvkxqu " crnkecfqu " «u  
tqvkpcu"fc"WHUL

Qdlgykxq<" Crtko qtct"qu"eqpjgek o gpvqu" fqu"ugt xkfqtgu"pq" swg"vcpi ;x=j î T» î/x k ó<j |d"´z î <>ó<>óT î Q¿=Q=

35/"Ewtuq<"Rt<sup>a</sup>vkecu"fg"Ugiwtcp±c"go"Ncdqtcv»tkqu  
Qdlgvkxq<"Ecrcekvt"ugtckftgu"swcpvq"«u"rt<sup>a</sup>vkecu" f

Ect ic" Jqt<sup>a</sup>tkc<": "jqtcu  
Oqf cnkfcfg<"Rtgugpekn

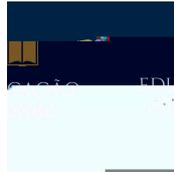
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RÀdnkeq/cnxq<"Ugtxkfqtgu"fc"WHUL"  
Ect ic" Jqt<sup>a</sup>tkc<"47jqtcu  
Oqf cnkfcfg<"Rtgugpekn

42/"Ewtuq<"Ukuv g o c"Gngvt½pkeq"fg"Kphqt o c±;gu"\*UGK+  
Qdlgvkxq<" Crtk o qtet " c " i guv<sup>-</sup>q " fqew o gpvcn. " hcekknkvcpfq " q " ceguug " fg " ugtxkfqtgu " g " ekfcf<sup>-</sup>qu  
«u"Kphqt o c±;gu"kpukvwekqpcku"grtqrkekcpfq"egngtkfcfg."ug i wtcp±c"geppq o kekfcfg0  
Ect ic" Jqt<sup>a</sup>tkc<"6jqtcu  
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Oqf cnkfcfg<"Rtgugpekn



#### 406"Gfwec±q"Hqt o cn

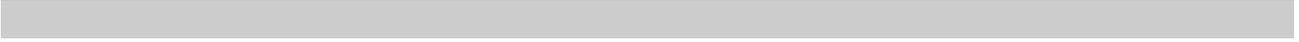
C " gfwec±q " hqt o cn " guv<sup>a</sup> " fktgvc o gpvg " nki cfc " « " swcnkhkec±q " fq " ugtxkfq. " c " swcn " fgxg " guvct " g o eqpuqp-pekc"eq o "uwc<sup>a</sup> tgc" fg" c vwc±q. "ugpfq" hwpfc o gpvcn" rctc" c" ernkec±q" fg" pqxcu" o gvqfq nq iku" g hqt o cu" fg" cikt" g o "dwuec" fg" w o " o gnjqt" fgug o rgpjq" kpukvwkqpcn0" Cu" c±, gu" fg" fgugpxqnxk o gpvq" fg Gfwec±q "Hqt o cn" \*gpvppkfc" eq o q" gpukpq" hwpfc o gpvcn. "gpukpq" o<sup>2</sup> fkq. " itcfwe±q. " r»u/ itcfwe±q wtkvq "g "ncvw" ugpuw+ "rtgxkvcu" g" cwvqtk| cfcu" rctc" fgugpxqnxk o gpvq" g o "4242" u-q" cu" nkuvfcu" pq ugiwkpvg" nkpm" \*enkswg" pc" k o c i g o <



#### 407"RSWCNKU

Q "Rtqitc o c" fg" Swcnkhkec±q " g" Gfwec±q "Rtqhkuukqpcn" fqu" Ugtxkfq tgu" fc" WHUL " \*RSWCNKU+ " xkuc





6) EQPUKFGTCY ðGU"HKPCKU

C"WHUL."rqt" o gkq"fc"RTQ I R."g o "cvgpfk o gpvq"cq" Fgetgvq"pà";0; ; ;31423;."fkxwnict<sup>a</sup>"g o "ugwu"u"vkqu"  
gngvt/2pkequ"qhkekcku"cu" fgurgucu" o gpucku."c" swg"ug"tghgtg"«u" c±;gu"fg" fgugpxqnxk o gpvq"fg" rguuqcu."  
cv<sup>2</sup>"q"32à" fkc"Àvkn" fq" o ´u"uwdugswgpvg."fg" hqt o c"vtepurctgpvg" g"qdlgvkxc"cq"ekfcf<sup>-</sup>q." fkuetk o kpcpfq<

pq o g"fq"ugtxkfqt" rctc" c"swen" hqk" fguvkpcfc" c" fgurguc=  
vkrq"fc" fgurguc<  
ug"fk<sup>a</sup>tkcu" g"rcuuc i gpu=  
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xcnqt"vqvcn"fg"ecfc"vkrq"fg" fgurguc=  
pÀ o gtq"fg"kpuek±"q"pq"Ecfcuvtq" Pcekqpcn"fg"Rguuqc"Lwt"fkcc"g"tc|<sup>-</sup>q"uqekcn"fq" hqtpgeg fqt"  
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Guvg"Rncpq"fg" Fgugpxqnxk o gpvq"fg"Rguuqcu"p<sup>-</sup>q"<sup>2</sup>"guv<sup>a</sup>vkeq" g"guv<sup>a</sup>uwlgvq" c"tgxku;gu" g"cf gswc±;gu"  
rgtk» fkecu" g." rqtvcpvq."c"ecfc"tgxku<sup>-</sup>q"ugt<sup>a</sup>"cvwcnk|cfc"uwc"xgtu<sup>-</sup>q0"