

Meeting Report

THE FORUM ON OPERATIONAL RESEARCH IN THE CONTEXT OF THE LAST MILE OF MALARIA ELIMINATION IN GREATER MEKONG SUBREGION COUNTRIES



24–25 November 2020

Virtual meeting

Y QTNF "J GCNVJ "QTI CP K C VKQP

TGI KQP CN'QHHEG'HQT"VJ G'Y GUVGTP "RCEKHE

TU4242II G48*Xktwcn"

" " " " " "

Gpi rkuj "qpn{

O GGVPI "TGRQTV

HQTWO "QP "QRGTCVKQP CN'TGUGCTEJ "R "VJ G'EQP VGZV"QH"

VJ G'NCUV'O KNG'QH'O CNCTK "GNKO R C VKQP ""

R "I TGC VGT"O GMQP I "UMDTGI KQP "EQWP VTIGU

"

Eqpxgpgf "d{ <

Y QTNF "J GCNVJ "QTI CP K C VKQP

TGI KQP CN'QHHEG'HQT"VJ G'Y GUVGTP "RCEKHE

"

"

Xktwcn'o ggkpi

46"cpf "47"P qxgo dgt"4242

P qv'hqt'ucrg

Rtkpvgf "cpf "f kwtkdwgf "d{ <

"

Y qtrf "J gcmj "Qti cpk cvkqp

T gi kqpcn'Qhleg'hqt"vj g"Y guvgtp"Rcekhe

O cprc.'Rj ktr r kpgu

"

O ctej "4243

P QVG

Vj g'xkgy u'gzr tguugf "kp"vj ku'tgr qtv'ctg"vj qug"qh'vj g'r ctvlekr cpw"qh'vj g"Hqtwo "qp"Qr gtcvkqpcn'
Tgugctej "kp"vj g'Eqpvz'v'qh'vj g'Ncu'v'O krg"qh'O crctk"Grko kpcvkqp"kp" I tgcvtg'O gnupi "Uwdtgi kqp"
Eqwptkgu'cpf "f q'pqv'pgeguuctkn("tghrge'vj g'r qrkelgu"qh'vj g'eqpxgpgtu0

Vj ku'tgr qt'v'j cu'dggp"r tgr ctgf "d{ "vj g"Y qtrf "J gcnj "Qti cpk cvkqp" Tgi kqpcn" Qhkeg" hqt" vj g"
Y guvgtp" Rcekkle" hqt' O go dgt" Ucvgu'kp"vj g' Tgi kqp'cpf "hqt"vj qug'y j q'r ctvlekr cvgf "kp"vj g'xktwcn'
Hqtwo "qp"Qr gtcvkqpcn" Tgugctej "kp"vj g'Eqpvz'v'qh'vj g'Ncu'v'O krg"qh'O crctk"Grko kpcvkqp"kp"
I tgcvtg'O gnupi "Uwdtgi kqp"Eqwptkgu"htqo '46"vq"47" P qxgo dgt'42420'

CONTENTS

CDDTGXKVIQP U'

UWO O CT[

30"R VT QF WE V K P U' (.....)B

3B "Dceni tqwpf (.....)B

30"O ggkpi "qdlgevkgu' (.....)B

40"RTQEGGF R I U (.....)B

4B Qr gkpi 'ugukap (.....)B

40B "Qr gkpi 'egtgo qp { (.....)B

40B "Cp 'wr f cvg'qp 'y g'f gxgr r o gpv'qh'o crtkc'grko lpcvqp'i vkf grkpgu' (.....)B

40"Uguukap"3<O cuu'f twi "cf o lpkutcvkqp'lp'y g'eqpvz v'qh'I tgcvtg 'O gnapi "Uwdtgi kqp'eqwptkgu."

vcti gygf 'f twi "cf o lpkutcvkqp'cpf 'hqtguv'o crtkc'r tqr j { rezku' (.....)4

40B "Vcti gkpi 'j ki j /tkunr qr wcvkpu'y kj "gpj cpegf 'tgcvekg'ecug'f gvevqp'<c'uwf { "v'cuuguu'y g" ghgevkgpguu'cpf 'hgcukdkk' hqt'tgf vekpi *Plasmodium falciparum*'cpf '*Plasmodium vivax* o crtkc'lp" uqwj gtp'Ncq'Rgr r gdu'F go qetevle'Tgr wdike'cpf 'Vj ckrpf (.....)4"

40B "O lpo k lpi 'y g'tkun'qh'o crtkc'co qpi 'hqtguv' qgtu'lp'y g'I tgcvtg 'O gnapi "Uwdtgi kqp'< c'tcpf qo k'gf 'eqv'qmgf 'tlen'v'guko cvg'y g'ghhece { 'cpf 'hgcukdkk' 'qh'c'hqtguv'o crtkc'r tqr j { rezku'xqgt" qpg'o qpj (.....)5"

40B "Vj g'lo r cev'qh'vcti gygf 'o crtkc'grko lpcvqp'y kj 'o cuu'f twi "cf o lpkutcvkqp'p'*Plasmodium falciparum*'o crtkc'lp'Uqwj gcuv'cuk'<c'envwt' tcpf qo k'gf 'tlen' (.....)5"

40B "F gr'ru { o gpv'qh'o crtkc'grko lpcvqp'lp'v'g'v'k'p'ul'p'j ki j /tkun' kket { 'r qr wcvkpu'<ej cmgi gu'cpf 'pgy " qr r qtwpkkgu' (.....)6"

40B "Y knkxgo gev'p'o cuu'f twi "cf o lpkutcvkqp'j gr "grko lpcv'g'v'k'f wcrlo crtkc'lp'y g'I tgcvtg 'O gnapi " Uwdtgi kqp' (.....)7"

40B "Uguukap"4<Tcf kecrlewt'g' hqt'*Plasmodium vivax* (v'gukpi 'cpf 'eqo o wpk' / r'gxgrko r rgo gpvcvqp'+07/ 40B "Ghgevkgpguu'qh'p'q'x'gr'c'r r tqcej gu'v'q' tcf kecrlewt'g'y kj 'chgpqs v'kpg'cpf 'r tlo cs v'kpg' (.....)7/ 40B "R r go gpvcvqp'cpf 'gxcn'cvkqp'qh'c' b qf gr'qh'ect'g'qh'i n'evqg/8/r j qur j cvg'f g'j { f tqi gpcug'cev'k'k'f " v'gukpi 'cpf 'r tlo cs v'kpg' hqt'*Plasmodium vivax*' tcf kecrlewt'g'lp'Eco dqf k'cpf '*XK VCTE'uwf { -(.....)8 40B "Wk'k' lpi 'gz'k'k'pi 'v'qnu' hqt'*Plasmodium vivax*'grko lpcvqp' (.....)8

40B "Uguukap"5<P gy 'o crtkc'cp'v'k'g'ev'q't'len'v'qnu' (.....)8

40B "Cuugukpi 'y g'tgr'v'k'p'uj k' 'dgy ggp' hpi /ru'k'pi 'lpugev'k'f cr'p'gv'o cvt'k'nc'p'f 'hpi /ru'k'pi " lpugev'k'f cr'p'gv'wuci g'lp'O { cpo ct'cpf 'Eco dqf k' (.....)8"

40B "O { cpo ct'R'k'x'cv'g'U'gev't' Cp'v'o crtkc'n'Q'w'g'v'U'w'x'g'f '423; (.....)9"

40B "Uguukap"6<J gcnj 'u'f'ungo 'v'w'g'pi y gkpi <lp'v'gi tcv'k'p'qh'o crtkc'eqo o wpk' 'j gcnj 'y q'ngtu' (.....)9

40B "Qr v'o cr'eqo o wpk' / f gr'k'x'g'f 'o crtkc'grko lpcvqp' b qf gnu' hqt' 'y g'I tgcvtg 'O gnapi "Uwdtgi kqp' (.....)9"

40B "Tgcvekg'cpf 'r tqcev'k'g'ecug'f gvevqp' hqt' 'y g'grko lpcvqp'qh'o crtkc'lp'Eco dqf k' hqtguv' qgtu" *RCEGU'uwf { +(.....)9"

40B "Uguukap"7<U'w'x'g'k'm'peg'cpf 'o crtkc'grko lpcvqp' (.....)9/

40B "Wukpi 'j ki j n' 'ug'p'uk'x'g'tcr k'f 'f'kci p'q'uk'e'v'g'u'u'eqo r ctgf 'v'q'eqv'q'nh'qt'tgf vekpi 'y g'j gcnj 'eg'v'g'g" ecvej o gpv'cpf 'x'k'nci g'rx'gr'nr t'g'x'c'p'eg'cpf 'lp'ek'f g'peg'qh'*Plasmodium falciparum*'co qpi 'x'k'nci g' t'g'uk'f gp'u'cpf 'b qd'k'g'cpf 'b ki t'cp'v'cpf 'q'j g'j ki j /tkunr qr wcvkpu'lp'Ej co r cucni'R'q'x'k'peg' uqwj gtp'Ncq" Rgr r gdu'F go qetevle'Tgr wdike' (.....)9/

40B "G'p'x'k'q'po gpv'c'p'nc'f uku'cpf 'v'w'x'g'k'm'peg'v'q'lo r tqx'g' b crtkc'grko lpcvqp'v'w'cv'gi k'gu'"GCUKO GU' (.....)9/

40B "Ghgevkgpguu'qh'it'gr g'ng'p'v'f gr'k'x'g'f 'd' { 'x'k'nci g'j gcnj 'x'q'w'p'g'g'tu'lp'O { cpo ct' (.....)9/

40B "U'ch'v'f . 'v'q'rt'cd'k'k'f . 'cpf 'ghhece { 'qh'v'k' r'g'v'g'o k'k'p'p'eqo d'lp'cvkqp'y g'tcr k'gu' h'p'f lpi u'lt'qo 'Eco dqf k'cpf " X'lg'v'P co (.....)9/

480"Vj g'Tgi kqpcrCtgo klpk/tgukcpeg'Kkkvkgu'TCKG'tgi kqpcrleqo r qpgpv'qr gtcvkqpcritgugctej "

r cenai g(

50"EQPENWUKQPUCPF"TGEOO GPFCVKQP U(

50"Eqpenf kpi 'tgo ctmi'(

50"Tgeqo o gpf cvkqpu(

50"Tgeqo o gpf cvkq'ht'O go dgt'Ucvgu(

CPPGZGU

Cppgz "3/"Rtqi tco o g'ci gpf c

Cppgz "4/"Nkv'qh'r ctvek cpwu

Mg{y qtf u<

I vkf grkg"l'O cmtk'6'r'tgxgpvkp'cpf "eqvtqn'l'O gnapi "xcmg{ "l'Qr gtcvkqpu'tgugctej "

"

ABBREVIATIONS

CEV"	ctvgo kulp/ducgf "eqo dlpcvkp"j gter { ""
CHTKO U"	Cto gf "Hqtegu" Tgugctej "Kpukwq"qh'O gf lecn'Uelgpegu""
GCUKO GU"	Gpxktqpo gpv'cpcn' uku'cpf 'uwtxgkmppeg"v'ko r tqxg'o crtkc"grko kpcvkp'utcvgi kgu" r tqlgev'
I 8RF "	i nœeug/8/rj qur j cvg'f'gj { f tqi gpcug""
I O R"	Y J Q'I mdcn'O crtkc'Rtqi tco o g""
I O U"	I tgcvt'O gmupi "Uwdtgi kqp"
j uTF V"	j ki j n' 'ugpukxg'tcr kf 'f kci pqvke'v'guv'
NNP "	mupi /ncvupi "kugevkek cn'pgv'"
O F C"	o cuu'f'twi "cfo kpkutcvkq""
O O G"	Y J Q'O gmupi "O crtkc"Grko kpcvkp'r tqi tco o g"
O Q T W"	O cj kf qn/Qzhqtf "Vtqr lecn'O gf lekg" Tgugctej "Wpk'"
P O R"	pcvkpcn'o crtkc'r tqi tco o g"
RET"	r qn' o gtcug'ej clp'tgcevkq""
RUK	Rqr wrcvkp"Ugtxlegu"Kpvgtpcvkpcn'"
T C E F "	tgcevkg'ecug'f gycevkq""
T C K	Tgi kqpcn' Ct vgo kulp/ t g u k v c p e g " k p k c v k x g "
T E C H'	Tq{ cn'Eco dqf kcp' Cto gf "Hqtegu""
T F V"	tcr kf 'f kci pqvke'v'guv'
thO F C"	tgcevkg'hqecn'o cuu'f'twi "cfo kpkutcvkq""
U O T W"	Uj qnm' O crtkc' T g u g c t e j " W p k '"
W E U H'	Wpkxgtuk' qh'Ecn'htqpkc. "Ucp'Hicpekueq""
Y J Q"	Y qtrf "J genj "Qti cpk' cvkq""

SUMMARY

Vj g"Y qtrf "J gcnj "Qti cpk cvkqp"O gnupi "O crtkc"Grko kpcvkqp"*O O G+r tqi tco o g"j quvgf "vj g"xktwcn' Hqtwo "qp"Qr gtcvkqpcn'Tgugctej "kp"vj g"Eqpvzv'qh"vj g"Ncuw'O krg"qh'O crtkc"Grko kpcvkqp"kp"I tgcvgt" O gnupi "Uwdtgi kqp"Eqwptkgu'htqo "46'vq'47'P qxgo dgt"42420Vj g'Hqtwo "dtqwi j v'vqi gj gt'r ctvlekr cpvu' htqo "vj g'ukz'I tgcvgt'O gnupi "Uwdtgi kqp"*I O U+eqwptkgu'o'Eco dqf kc."Ej kpc"*I wppcp'Rtqxlpeg+."Ncq" Rgqr rgu'F go qetevle'Tgr wdrlc.'O {cpo ct."Vj ckrpf'cpf"Xlqv'P co 'o'cpf'vj g'I mqdcn'O crtkc'Rtqi tco o g" *I O R+."cu'y gm'cu'vgej plecn'gZR gtvu."tgugctej gtu'cpf "r ctvpgtu'vq'r tgugpv'cpf "f kuewu'tgegpv'hkpf kpi u' tgrgxcpv'vq'o crtkc"grko kpcvkqp'kp'vj g'I O U'

Vj g"qr gtcvkqpcn'tgugctej "r tgugpvgf "kp"vj g"Hqtwo "hqwugf "qp"ko r tqxkpi "vj g"wr vcmg"cpf "uecrq/wr "qh" o crtkc"grko kpcvkqp"r tqi tco o kpi ."equvghhgevkggn' "ko r ngo gpvki "eqo dlkpcvkqpu"qh'kpvgtxgpkqpu."cpf " o gcuwtkpi "kpvgtxgpkqp"uweegu"cpf "ko r cev'O Vj g'o clp"fkuewuukqp"r qkpw"kpemf gf "tgugctej "r tqlgewu" tgrvvgf "vq"xctkqwu'r tqi tco o cvle"ctgcu'kpenmf kpi "ecug'f gvgevkqp."f kci pquku."vtgcwo gpv."r tgxgpkqp."vj g" ghhece{"qh"cpvko crtkc'n'f twi u."xgevq"eqpvtn"tcf lecn'ewtg."gvukpi ."uwtxgkrcpeg."gr kf go kqrqi {"cpf " vcpuo kuukqpO

"
"

1. INTRODUCTION

308" Dceni tqwpl"

Vj g'ukz "eqwptlgu"qh'vj g'I tgcvtg "O gnupi "Uwdtgi kqp" O U"rcwpej gf "c"o crtkc"grko kpcvqp"utcvgi { "kp" 4237"vj cv'cko u"vq"grko kpcvg "*Plasmodium falciparum*"o crtkc"d{ "4245"cpf "cmhqtu u"qh'o crtkc"d{ "42520" J gcf u"qh'lucvgu"cv'vj g'Gcuw'Cukc"Uwo o k'bo cf g'c'uko krcr'eqo o ko gpv'kp'O { cpo ct'kp'P qxgo dgt'4236"vq" grko kpcvg'vj g'f kugcug'ltqo "vj g'Cukc'Rceklke'tgi kqp"d{ "42520Hwtvj gto qtg."I O Uj genj "o kpkvgtu'uki pgf " vj g'O kpkvgtkcn'Ecm'htq "Cevkqp"vq"Grko kpcvg"O crtkc"kp"vj g'I tgcvtg "O gnupi "Uwdtgi kqp"dghqtg"4252"cv' vj g'Y qtrf "J genj "Cuugo dnf "kp"O c{ "423: "kp"Uy k'j gtrcpf'0Vj tqwi j "vj ku'ci tgggo gpv."vj g' "eqo o kwgf "vq" y qtnkpi "vqi gjt gt"y kj "tgrgxcpv"gpv'k'gu"vq"gpwvtg"vj cv'cm'tgugctej "ghqtvu"ctg"pvcvqpcmf "eqqtf kpcvqf ." cf j gtg"vq"kpvtgpcvqpcn'lucpf ct f u'cpf "vq"t'cpur'vg"qr gtcvqpcn'tgugctej "hpf kpi u'kp'vq"r qrke { "cpf "cevkqp0"

Y J Q'j cu'go r j cuk' gf "vj g'ko r qtvcpeg"qh'qr gtcvqpcn'tgugctej "cu'cp'k'p'v'gi ten'r ctv'qh'o crtkc"grko kpcvqp" r tqi tco o gu'0k'p'vj g'r cuv'f gecf g."vj g'hw'pf kpi "cpf "vj g'f g'xgnr o gpv'qh'o crtkc"t'gugctej "kp"vj g'I O Uj cxg" tguwngf "kp"ko r t'guukxg"ko r tqxgo gpw'kp"o crtkc"eqpvtqn'cpf "j cu'uw'r qtvgf "ghqtvu"vq"o qpkqt" f twi " tguukvpeg'0Vq"r tqxkf g'v'ko gn' "tguwmu"vq"lphqto "r qrke { "o cnkpi "cpf "r tq'lgv'ko r ngo gpvcvqp."vj g'Dkm'(" O grkpf c'I cvgu'Hqwpf cvkqp'r tqxkf gf "hw'pf kpi "vq"Y J Q'v'j qu'v'j g'Hqtwo "qp'Qr gtcvqpcn'tgugctej "kp"vj g' Eqpvz'v'qh'vj g'Ncu'0 k'g'qh'O crtkc"Grko kpcvqp"kp"i tgcvtg "O gnupi "Uwdtgi kqp"Eqwptlgu'0Vj g'Hqtwo " y cu'eqpxgpgf "vq"r tqxkf g'v'ko gn' "tguwmu'htq"r qrke { /o cnkpi "cpf "r tq'lgv'ko r ngo gpvcvqp0"

304" O ggvkpi "qdlgev'xgu"

Vj g'qdlgev'xgu"qh'vj g'o ggvkpi "y gtg<

- 3+ vq" f gh'k'p'g'qr v'ko cn'cpf "uwv'k'p'cdng"cr r tqcej gu'htq"o crtkc"r tgxgpv'k'qp."f kci pquku'cpf "t'gcv'o gpv' *uwej "cu"<
- tcf kcn'ewt'g'qh'"*P. vivax*;"
- k'p'v'gi tcv'kpi "o crtkc"grko kpcvqp"kp'vq"j genj "u'f uvgo u="cpf "
- cf cr v'kpi "v'q'qnu'cpf "cf f t'guukpi "dct'l'gtu"vq"r tgxgpv'k'qp."f kci pquku'cpf "t'gcv'o gpv'0"
- 4+ vq"ceegr'g'cv'vj g't'cpuk'k'qp'ltqo "o crtkc"eqpvtqn'vq"grko kpcvqp"cpf "dg{ qpf "d{ <
- ceegr'g'cv'kpi "o crtkc"grko kpcvqp="cpf "
- t'gcej kpi "cpf "uwv'k'p'k'pi "o crtkc"grko kpcvqp0"

2. PROCEEDINGS

408" Qr gpkpi "uguukap"

40808" Qr gpkpi "egtgo qp{"

Ft "Ckrp" Nk" Y J Q" Tgr t'gugpvc'v'xg." Eco dqf kc." f grkx'gtgf "vj g"y gr'eqo g" cf f t'guu"vq" vj g"y qtnmj qr " r ctv'k'cr cpw'0'k'p"vj g"y gr'eqo g"ur ggej ."uj g"go r j cuk' gf "vj g"ko r qtvcpeg"qh'qr gtcvqpcn'tgugctej "cu"cp" k'p'v'gi ten'r ctv'qh'f kugcug"eqpvtqn'r tqi tco o gu'0Hqmy kpi "vj ku."Ft "Nwek'p'q"Vwugq."Eqqtf kpcvqt"qh'vj g" O O G'r tqi tco o g."r tqxkf gf "c"dt'k'gh'k'pi "qh'vj g'o ggvkpi "qdlgev'xgu'0Vj ku'y cu'htqmy gf "d{ "vj g'p'qo kpcvqp" qh'Ft "Ngn'f { uqrg{ ."F gr w'f "F k'g'ev'qt"qh'vj g'P cvk'p'cn'Egpv'gt'htq "Rct'cuk'q'nmj { ."Gp'qo q'nmj { "cpf "O crtkc" Eqpvtqn'Eco dqf kc."cu'vj g'ej ct'qh'vj g'o ggvkpi "cpf "Ft "Rcucn't'k'pi y cf . "Eqqtf kpcvqt"ltqo "vj g"Y J Q" I O R."cu'vj g'o ggvkpi "o qf gtcvqt0"

40804" Cp"wr f cv'g'qp"vj g'f g'xgnr o gpv'qh'o crtkc"grko kpcvqp"i w'k' grk'p'gu"

Ft "Mko dgt'nf "Nk'p'f drcf g."Vgco "Ngcf gt"htq"vj g'O crtkc"Grko kpcvqp"Wp'k'y kj kp"vj g'I O R."r tqxkf gf "cp" wr f cv'g'qp"vj g'f g'xgnr o gpv'qh'o crtkc"grko kpcvqp"i w'k' grk'p'gu'0Y J Q" f g'xgnr gf "pgy "i w'k' c'peg"htq" o crtkc"grko kpcvqp"kp"42390'Vj g'"*Framework for Malaria Elimination* gpev'q'tci gu'cm'eqwptlgu"vq"

ceegrtevg"qy ctf u'o crtkc"grko kpcvkqp0K'r tqxkf gu'c'engct'cpf 'lko r rkhgf 'r tteguu'hqt 'Y J Q'egt vhtekvkqp" qh'o crtkc"grko kpcvkqp0"

Vj g'f gxgnr o gpv'qh'pgy 'i wkf grkgu'kpenmf gu'gki j v'uvgr u'

- 30 Etgcvkpi "cp"qxgtxkgy "qh'vj g'r tteguu"qh'i wkf grkg'f gxgnr o gpv'
- 40 Ugwvpi "w'vj g'gzvgtpcni wkf grkg'f gxgnr o gpv'i tqwr "
- 50 Hqto wrcvpi "vj g'RKEQ"*r qr wrcvkqp."kpvgtxgpkqp."eqpvtqn'cpf "qweqo gu+'s wguvkqpu'cpf " ugrgevkqp"qh'qweqo gu'vq'f ghkg'vj g's wguvkqpu"
- 60 Tgvlgxkpi "gxkf gpeg."kpenmf kpi "s wcrkvf "cuuguo gpv'cpf "u' p'vj guk' cvkqp"
- 70 I tcf kpi "vj g'gxkf gpeg'y kj "c'r tteguu'ecmgf 'I TCF G'vq'cuuguu'vj g'egt'cvkpv' "qh'vj g'gxkf gpeg"
- 80 Hqto wrcvpi "tgeqo o gpf cvkqpu"
- 90 Eqpf wcvpi "cp"gzvgtpcnt'gxkgy "
- : 0 F kuugo kpcvkpi "vj g'i wkf grkgu'k'vj g'hkgf 'hqt 'vj g'p'cvkpcni'o crtkc'r tqi tco o gu"*P O Ru+'vq" kpeqtr qtcvg'k'vj gkt'ko r ngo gpvcvkqp'htco gy qtmu."hqmjy gf "d' "cp'gxcnvcvkqp"vq'o gcuwtg'vj g' ko r cev'qh'vj g'ko r ngo gpvcvkqp0"

Vj g'r tqr qucn'hqt "grko kpcvkqp"tgeqo o gpf cvkqpu'y cu'o cf g'vq'vj g'O crtkc"Rqike { "Cf xkuqt { "Eqo o kwgg" kp"423; . "cpf "Y J Q"tgegxkf "cp" gpf qtugo gpv'vq" o qxg"hty ctf "y kj "pkpg"s wguvkqpu"qp" grko kpcvkqp" kpenmf kpi "vj g'wug"qh'o cuu'f twi "cf o kpkntcvkqp" *OFC+ : "tgcexkg"ecug'f gvgevkqp" *TCEF+ : "tgcexkg'hqecni" o cuu'f twi "cf o kpkntcvkqp" *thOFC+ "cpf "qj gt'utcvgi kgu0Cv'vj ku'uvci g. 'r tqvqqu'hqt "u' ugo cve'tgxkgy u' cpf "o gv/cpen'uku'qh'gxkf gpeg"ctg'dgkpi "f gxgnr gf O'Y J Q"y kn'dg"eqo dlpkpi "vj g'gzkukpi "i wkf grkgu" *xgevt"eqpvtqn'cpf "ecug'o cpci go gpv+'k'vq'eqpuqkf cvgf "o crtkc"i wkf grkgu'vj cv'Y J Q"y kn'r wdrkuj "kp" Lcpwt { "42430D { "Lxp'g'4243. "Y J Q"y kn'cf f "pgy "tgeqo o gpf cvkqpu'hqt "grko kpcvkqp"vq'vj g'eqpuqkf cvgf " i wkf grkgu0"

F wtkpi "vj g'f kuewukqp. "F t'Nkpf drcf g'j ki j rki j vgf "vj cv'vj gtg'ku'c'f kpkpevkqp'dgy ggp"Y J Q"i wkf cpeg'cpf " i wkf grkgu0I wkf grkgu'ctg'f gxgnr gf "vj tqwi j "c'tki qtqwu'htco gy qtm'vj cv'hqmjy u'c'tgxkgy "qh'gxkf gpeg0 Qpeg"eqo r ngvgf. "vj g'O crtkc"Grko kpcvkqp'I wkf grkgu'y kn'dg'tgeqi pk'gf "cu'Y J Q'u'qh'htekcn'cr r tqcej 0"

404" Uguvkqp"3<O cuu'f twi "cf o kpkntcvkqp'k'vj g'eqpvz'v'qh'I tgcvt'O gnuqi "Uwdtgi kqp"eqwv'kgu. " vcti gv'gf "f twi "cf o kpkntcvkqp"cpf "hqtguv'o crtkc'r tqr j { rczku"

404B" Vcti gv'ki "j ki j /tkun'r qr wrcvkqpu'y kj "gpj cpegf "tgcexkg"ecug'f gvgevkqp<c'uwf { "vq'cuuguu'vj g' ghgevkxgpguu'cpf "hgculdkrv' "hqt'tgf wcvpi "Plasmodium falciparum"cpf "Plasmodium vivax"o crtkc'k'p" uqwj gtp'Ncq'Rgqr ng'u'F go qet'cve'Tgr wdrle"cpf "Vj ckrpf "

F t'Vlo qj { "Hkpp. "Wpkxgtukv' "qh'Ecn'htqtpk. "Ucp'Ht'cpekuq" *WEUH+ : "r t'gugpv'gf "kphqto cvkqp"cdqw'vj gkt" uwf { "kp"Vj ckrpf "cpf "vj g'uqwj "qh'vj g'Ncq'Rgqr ng'u'F go qet'cve'Tgr wdrle"vq'cuuguu'vj g'ghgevkxgpguu" cpf "hgculdkrv' "hqt'tgf wcvpi "P. falciparum" cpf "P. vivax" o crtkc0TCEF "ku'c'y kf gr' "r tcevkug' "o gj qf "vq" kf gp'v'h' "kphgevkqpu'cv'vj g'eqo o wpkv' "ng'gn'chgt'r cuukxg'k'pf gz "ecug'f gvgevkqp0Vj g'WEUH'j cu'kpk'cv'gf " vj g'EQO DCV'Vtkni'eqo o wpkv' /dcugf "cev'xkg'ecug'f gvgevkqp'cpf "tgcvo gpv+ : "y kej "kpenmf gu'vj tgg'o clp" cev'xkkgu<

- 30 cp'ko r cev'gxcnvcvkqp'qh'gpj cpegf "TCEF 'k'vj g'Ncq'Rgqr ng'u'F go qet'cve'Tgr wdrle"cpf "thOFC" kp"Vj ckrpf "vcti gv'ki "xknci g/dcugf "r qr wrcvkqpu'cpf "hqtguv'y qtngtu="
- 40 cp"cuuguo gpv'qh'vj g'hgculdkrv' { "cpf "ceegr vcdk'rv' "qh'eqo o wpkv' /dcugf "TCEF "cpf "thOFC="cpf "
- 50 cp"cuuguo gpv'qh'vj g'qr gtcvkqpcni'hgculdkrv' "qh'eqpf wcvpi "i n'equg/8/r j qur j cv'gf gj { f tqi gpcug" *I 8RF +'v'gukpi . "tghcten"cpf "tgcvo gpv'cf j gtgpeg'co qpi "r quk'xg"P. vivax'tcr kf "f kci pqu'le"v'guv" *TF V+'ecugu0"

K'vj g'Ncq'Rgqr ng'u'F go qet'cve'Tgr wdrle. "vj g'v'kni'y kn'cuuguu'vj g' ghgevkxgpguu."equv'ghgevkxgpguu." uchgv' . "ceegr vcdk'rv' . "cpf "qr gtcvkqpcni'hgculdkrv' "qh'eqo o wpkv' /rgf "o crtkc" TCEF "wukpi "j ki j n' "ugpuk'xg" TF Vu"*j uTF Vu+'vcti gv'ki "dqj "xknci g/dcugf "r qr wrcvkqpu'cpf "j ki j /tkun'htguv'y qtngtu0Vj g'EQO DCV" r r'v'htqto "y cu'co gpf gf "kp" Lxp'g'4242"vq'kpenmf g's wcp'v'k'v'xg'I 8RF "v'gukpi 0Vj ku'ku'vj g'ht'uv's wcp'v'k'v'xg" v'gukpi "r k'q'v'k' "vj g'eqwv' { "cpf "y kn'kphqto "h'w'w'g"gzr cpukqp"wpf gt "Tgi kqpcni' C't'vgo k'k'p'k'p' /tguk'v'peg" k'k'k'v'xg" *TCK5G'hmpf u0"

"

Cv'j g'uco g'ko g.'j g'WEUHku'eqpf wekpi 'cp'cuuguuo gpv'qh'gpi cpegf 'thO F C'kp'Vj ckrpf 0Vj g'tgugtej " y kn' gxcncvg" 'j g' ghgevkxgpguu' qh' gpj cpegf " thO F C." vti gvki " dqj " xknci g" cpf " hqtguv" y qtnki " r qr wcvkpu."hqt"tgf wekpi " 'j g'"kpf gpeg" cpf " r tgcxgpeg"qh' *P. falciparum*"cpf "*P. vivax*"y kj kp'hqt" r txxkpegu"kp"Vj ckrpf 0'Vj g'uwf { "hpf kpi u'y kn'r txxk g'tgxcxpv'r tqi tco o cvk"lphqto cvkq"qp" 'j g' qr gcvkqpcn'hcukdkk' { 'cpf 'ceegr vcdkk' { 'qh'thO F C'hqt"*P. falciparum*"cpf "*P. vivax*"cu'c'tgur qpug'wtcvgi { " kp'cevkg'hjek0"

Vj g' hgrf " tgugetej " kp' dqj " eqwptkgu" y cu' gzvpgf gf " f wg" vq" ko r ngo gpvcvkp" f gnc { u' tgrcvf " vq" 'j g' eqtqpcxktwu" f lgcug" 423; " *EQXK/3; + " r cpf go le" cpf " y kn' eqpvkpwg" hqt " cpqj gt" { gct0'F wtkpi " 'j g' f kuewuukp."F t' Hkp'o gpvkpgf " 'j cv'TF Vu'y gtg'kpenmf gf " kp' 'j g'uwf { "vq'r ken'w" cp { "cf f kkpncn' qukkxg" ecugu0J qy gxgt. 'j ku'kpenukp"j cu'pqv'r txxk gf 'o wej "cf f gf "f cv"vq' 'j g'qpi qkpi "uwf kgu0"

4040" O kpo k kpi "j g'tkum'qh'o crtk"co qpi "hqtguv'i qgtu'kp' 'j g'I tgcvt'O gnapi "Uwdtgi kqp< c'tcpf qo k gf "eqvtqmgf "tkn'vq'guko cvg'j g'ghkece { "cpf "hgcukdkk' { "qh'c'hqtguv'o crtk"r tqr j { rzkui" qxgt'qpg'o qpj "

Rtqhguqt'Tlej ctf "O cwf g'r tguvgf "r tgrko kpc { "hpf kpi u'htqo "j g'O cj kf qn/Qzhqtf "Vtqr kcn'O gf lekpg" Tgugtej " Wpkai" *O QTW+ "uwf kgu"qp" 'j g' ghkece { " cpf " hgcukdkk' " qh'c" hqtguv'o crtk"r tqr j { rzkui" kpvtxgpvkp'kp'Eco dqf k."Vj ckrpf "cpf 'j g'Ncq'Rgqr ngai'F go qetcvk'T gr wdke0Vj g'uwf { "cfo u'vq<

- 30 dgwgt'wvf gtuvcf "j g'gr kf go kqni { "qh'hqtguv'o crtk'kp'ugrvgf "j ki j /tkum'ctgcu="
- 40 cuugu" 'j g' r qvkvkn' ghkece { "qh'cpvko crtkcn'r tqr j { rzkui" hqt"j ki j /tkum'hqtguv'i qgtu"vq"j gr " ceegrvcg'grko kpcvkp="cpf "
- 50 f gvto kpg'j g'ceegr vcdkk' { 'cpf 'hgcukdkk' { 'qh'ej go qr tqr j { rzkui'cu'cp'kpvtxgpvkp'hqt"j ki j /tkum' hqtguv'i qgtu0

Kp'Eco dqf k."j g'r tqr j { rzkui'vkn'eqxgtgf "cf wnu'uc { kpi "qxgtpki j v'kp' 'j g'hqtguv'co qpi "j g'xknci gu" y kj 'o crtk'ecugu'kp'Ugwpi "Vtgi 0Vj g'uwf { "y cu'wdrkpf gf .kpf kxf wcn' { 'tcpf qo k gf 'cpf "eqvtqmgf ." cpf "r ctvkr cpv'y gtg'gkj gt'i kxp'ctvgo gvj gt/nwo ghcvtkpg'qt'o wnkxkco kpu'v' leg'f ckn' hqt'j tgg'f c { u." hqmjy gf "d { "y q" f qugu'y ggm' 0'Vj g { "y gtg'hqmjy gf "w" gxgt { "4: "f c { u'cu" 'j g { "eqpvkpwg"vq'xkuk' 'j g' hqtguv'0Vj g'vkn'o cr r gf "r ctvkr cpv'v'cxgrikp' 'j g'hqtguv'v'kf gpvhl' r qvkvkn'v'cpuo kuukp'ukgu0

Kp/f gr vj "kpvtxkgy u'ctg"cuq" dgkpi "eqpf wevgf "co qpi "hqtguv'i qgtu."eqo o wpk' "rgcf gtu."j gcmj /ectg" y qtmgtu'cpf "r qnk { /o cmgtu'kp'Eco dqf k."j g'Ncq'Rgqr ngai'F go qetcvk'T gr wdke"cpf "Vj ckrpf "v'cuuguu" 'j g'r qvkvkn'hcukdkk' { 'qh'r tqr j { rzkui'kp'gcej "eqwpt { 0"

Vj g' kpkcn' hpf kpi u' htqo " 'j g' vkn' kpf lcvg" 'j cv' 'j g' ceegr vcdkk' { " cpf " cf j gtgpeg" hqt " ctvgo gvj gt/ nwo ghcvtkpg'ej go qr tqr j { rzkui'y gtg'xgt { "j ki j 'kp'Eco dqf k'0Vt wu'v'cpf 'eqo o wplevkp'y gtg'ko r qvkvkn' hcvqtu'vq"o qvkvkv'hqtguv'i qgtu'vq'lqk' 'j g'uwf { "cpf "vkn'g'r tqr j { rzkui'0 QTW'pqvgf "j cv'j gtg'uj qwf " dg'c'i qqf "gzr ncvkq'qh'j g'o gej cpkuo . 'dgpghku'cpf "hko kvkpu."cu'y gm'cu'j g'pggf "v'eqpvkpwg'wukpi " 'j g'qj gt' t qvkvk' b' gvj qf u0T getvko gpvku'qpi qkpi . 'cpf "hvtj gt'vkn'cpf 'hgcukdkk' { 'tguvnu'ctg't gpf kpi 0"

F wtkpi " 'j g' f kuewuukp."Rtqhguqt"O cwf g'pqvgf "j cv'cf xgtug'f twi "tgcvcapu"ctg"o qpkqtf "j tqwi j " eqpvcew."ugrh'tgr qt vki "cpf "hqmjy /w'xkuku0Hqtguv'i qgtu'y gtg'pqv'r txxk gf "rceni gu'kp'cf f kkp'vq' 'j g' r tqr j { rzkui'kpvtxgpvkp0"

4045" Vj g'ko r cev'qh'v'cti gvgf "o crtk"grko kpcvkp'y kj "o cuu'f twi "cf o kpvtkv'kp'u'qp"*Plasmodium falciparum*"o crtk'kp'Uqwj gcuv'Cu'k'c'c'enuvgt'tcpf qo k gf "vkn'

F t'Nqtgpl 'xqp'Ugk'ngk'qwkpgf "O QTW'u'uwf { "qp' 'j g'ko r cev'qh'v'cti gvgf "o crtk'grko kpcvkp'O F C'qp" *P. falciparum*"o crtk'kp'Uqwj gcuv'Cu'k'00 qtg' 'j cp": 222'r gqr ng'r ctvkr cvg'kp' 'j g'uwf { "cetqu'uwf { " ukgu" kp" Eco dqf k." 'j g' Ncq' Rgqr ngai' F go qetcvk' T gr wdke." O { cpo ct " cpf " Xkgv' P co " *6357" kp" kpvtxgpvkp'xknci gu."cpf "6532'kp'eqvtqn'xknci gu'0Gxgt { qpg'y cu'gs wkr r gf "y kj "dcule"o crtk'eqvtqn' o gcuv'gu."y j lej "kpenmf gf "gctn' "f kci pquku'cpf "v'gco gpv."dgf "pgu'cpf "eqo o wpk' "gpi ci go gpv'0'Vj g' kpvtxgpvkp'xknci gu'tgegkxgf "c'hv'v'j tgg/f c { "eqwtug'qh'f kj { f tqctvgo kulpk/r kr gcs wkp'kp' 'j g' tgg'tqwpf u0"

"

"

F t'xqp'Ugkf rkp'pqvgf 'y cvl tgevg'o r j cuku'y cul' rnegf 'qp'eqo o wpkv' 'gpi ci go gpv'Vj g'lweggu'qh'OF Cu' f gr gpf u'qp'y g'ghkece{ "qh'y g'f twi 'tgi ko gp.'y g'eqxgtci g'qh'y g'vcti gv'r qr wrcvqp'cpf 'rnegf'o crctkc' gr kf go kqrqj {0' Gzco r ngu' hqt" eqo o wpkv' " gpi ci go gpv' kpenw gf " f tco c" uj qy u' kp" Eco dqf kc" cpf " eqo o wpkv' 'kpegpvkxgu'kp'y g'Ncq'Rgqr ngu'F go qetcvk'Tgr wdike0"

Vj g'lpvgtxgpvqp'hpf lpi u'lpf kecv'g' cv'v' g'OF Cu'y gtg'y gml'vqngtcvgf 'cpf 'uchg0Vj g'uwf { 'cej kxgf ': 9' " eqxgtci g'ht'cvhgcu'qpg'tqwpf 'cpf '79' 'hqt'cm'v' tgg'tqwpf u0P. falciparum'r tgcxrgpeg'f tqr r gf 'kpkkm' " dw'uqo g'tgdqwpf "y cu'qdugtxgf 0F gur kg'tgukwpeg."f kj { f tqctvgo kulp/r kr gtes wkp'g'engctgf "; 6' "qh' kphgevkpu00 F C'y kj 'bej k qpvekf cni'f twi u'j cf "qpn' c'vcpukgpv'ghgevg'p'P. vivax'kphgevkpu0Vj gtghqtg." O QTWuwi i guvgf 'y cv'c'tcf kecn'ewtg'y kj "cp": /co kpgs wkpqrk'g'y kridg'p'ggf gf 'hqt'y g'tcr kf "grko kpcvqp' qh'P. vivax'o crctkc0"

F t'xqp'Ugkf rkp' eqpenw gf " y cv' OF C "ku'r qv'pvc' "c" wughwi'vqni' hqt" ceegrtcvkpi " P. falciparum grko kpcvqp0Vq"o czko k g'y g'ko r cev."OF Cu'j cxg'v'q'dg'ko r ngo gpvgf "lp'rcti g'ctgcu'vq"o kpo k g'y g' ko o gf kevg'tgko r qtcvqp'qh'P. falciparum0Vj g'qr vko cni'f twi "eqo dpcvqp'ku'ukg/ur gekke'cpf 'j cu'v'q'dg' cf cr vgf "v'q'ne'c'p'vko crctkc'n'uwuegr vdkr'v' 'r cwgtpu0Ncuw' .xgt { 'j ki j 'eqxgtci g'ku'guugpv'cni'ht'uweguu' cpf "eqpukf gtdcng'tguqtegu'ctg'tgs wkt gf "v'gpi ci g'gpv'g'eqo o wpkv'v'q' r ct vkr cvg'lp'OF Cu0"

F wtkpi "y g'f kuewukp."F t'xqp'Ugkf rkp'go r j cuk' gf "y cv'v' g'ghgevkxgp'gu'qh'y g'f khtg'gp'v'eqo o wpkv' " gpi ci go gpv'utcvgi kgu'f gr gpf u'qp'v'wuv/dw'kf lpi "gzgtckgu."y j kej "ctg'cf cr vgf "v'c'ur gekke'eqo o wpkv' 0' K'ku'ko r qtcv'v'v' cv'c'hqecni' qkpv'ku'cxckrdng'kp'y g'vcti gv'gf 'ukgu'v'cpuy gt 's wgu'kpu'cpf 'r tqxkf g'o gf kecn' uw' r qtv'chgt 'y g'OF C0"

4046" F gr nq{o gpv'qh'o crctkc'grko kpcvqp'lpvgtxgpv'kpu'lp'j ki j /tkunio kkrct { 'r qr wrcv'kpu'cej cngpi gu' cpf 'pgy 'qr r qtw'p'k'gu"

F t'O ctkwul "Y qlpctunk' f grkxgtgf "c" r t'gugpv'k'qp' qp' y g' t'gugtej "hpf lpi u'htgo "y g' Cto gf "Hqtegu" Tgugtej "k'p'kw'w'g' qh'O gf kecn' Uekpegu" *CHTKO U" qp"o crctkc' grko kpcvqp' utcvgi kgu'qh' y g' Tq { cni' Eco dqf kcp" Cto gf " Hqtegu" *TECH0' Vj g' uwf { " uqwi j v' v' q' f gh'p'g' ghgevkxg." cr r tqr tkvg" cpf " ko r ngo gpvc'dng'utcvgi kgu'ht'o crctkc' grko kpcvqp'lp"o kkrct { "htqtegu'lp'Eco dqf kc0Vj g'y tgg'r krcu'v'qh' qpi qkpi "gh'ht'w'kpenw gf 'y g'ugrgevk'p'qh'y g'o qu'v'ukcdng'ej go qr tqr j { r'zku'cpf "ko r ngo gpvc'k'p'qh' k'pugev'k'f g' v'gcv'gf " w'p'k'hto u." t'gugtej " qp" I 8RF " f kci p'qu'ku." cpf " y g' ko r ngo gpvc'k'p' qh' y g' r j cto ceq'xki k'c'peg'ht'uchg'wug'qh'ht'cf kecn'ewtg'lpvgtxgpv'kpu'0Dcugf "qp'uwf kgu'eqo r ngv'gf "d { 'CHTKO U." y g'tcr kf "f ger'k'p'g'qh'P. falciparum"o crctkc'y cu'r quukdng'v'q'cej kxg'y kj "y g'cxckrdng'v'q'q'ni'0J qy g'xgt." dtgcm'j tqwi j "kphgevk'p'u'y gtg'ht'gs wgpv'lp'y g'eqpvz'v'qh'f kj { f tqctvgo kulp/r kr gtes wkp'g'tgukwpeg'cpf " vcti gv'gf 'lpvgtxgpv'kpu'y gtg'p'q'v'ghgevkxg'ht'P. vivax'grko kpcvqp0k'4242.'CHTKO U'qdugtxgf 'cp'q'xgtcm' f ger'k'p'g'qh'o crctkc'ecugu'lp'y g'TECH'uko k'rt'v'q'y g'qdugtx'v'kpu'o cf g'lp'y g'ek'k'k'p'ugev'qt0"

Vj g'ewt'gpv'gh'ht'w'ht'ewu'qp'y g'f gr nq{o gpv'qh'ej go qr tqr j { r'zku'cv'v'g'j ki j guv'tkuni'o kkrct { "eco r u." w'k'k' lpi " y g' r'cv'gu' CE Vu." pco gn' " ctv'gu'p'cv'g'r { tq'p'ct'kf k'p'g' v'q' q'xgteqo g' y g' rko k'c'v'kpu' qh' f kj { f tqctvgo kulp/r kr gtes wkp'g'f twi "t'gukwpeg'0'Q'v'gt'gh'ht'w'kpenw gf 'y g'qr vko k'c'v'k'p'qh'cxckrdng' v'q'ni'ht'P. vivax'grko kpcvqp'k'0'uj qt'vt'eq'wt'ugu'qh'r tlo cs wkp'g'cpf 'cu'gu'ul'pi 'y g'w'k'k'v' { 'qh'q'y gt'f twi u' uwej "cu'v'ch'p'q's wkp'g'0'K'y cu'j ki j rki j vgf "y cv'v' y g'wug'qh'v'ch'p'q's wkp'g'y kn'eqo g'y kj "c'p'wo dgt'qh' ej cngpi gu'lp' y g'Eco dqf kc'eqpvz'v'0'F gur kg'cr r tq'x'cni'ht'go "y g'Hq'qf " cpf " F twi "Cf o k'p'ut'cv'k'p'." v'ch'p'q's wkp'g' ku' p'q'v' r t'g/s w'c'k'ht'gf " d { " Y J Q" qt" cxckrdng'lp" Eco dqf kc=" k' t'gs wkt'gu' t'gr'k'dng'I 8RF " s w'c'p'k'c'v'k'g'v'gu'0'Vj g'eqo dpcvqp'qh'v'ch'p'q's wkp'g'y kj "egt'v'k'p'CE Vu'ku'np'qy p'v'q'dg'ng'u'gh'gevkxg."cpf " v'ch'p'q's wkp'g' j cu' p'q'v' d'ggp" g'x'c'w'cv'gf " lp" eqo dpcvqp" y kj " ctv'gu'p'cv'g/o g'ht'q's wkp'g' qt" ctv'gu'p'cv'g/ r { tq'p'ct'kf k'p'g'0"

F gur kg'f kut w'k'p'u'ecwugf "d { "y g'EQXIF /3; "r cpf go le."y g'TECH'eqpv'k'p'w'gu'v'q"o cng'r tqi t'gu'lp" o crctkc'grko kpcvqp'gh'ht'w'0'Vj g'o kkrct { "y cu'r tq'x'kf gf "y kj "r gtu'q'p'cni' t'q'v'g'v'k'g'gs wkr o gpv'cpf "I 8RF " f kci p'qu'ku"cpf "j cgo qn'uku'v'c'k'p'kpi "lp"uw' r qtv'qh'r j cto ceq'xki k'c'peg'0'Vj g'p'q'x'k'g'v'c'k'p'g'gu'"o gf keu" y gtg'cdng'v'q'ces wkt'g'y g'p'gegu'ct { "unk'm'v'q'r g'ht'qto "y g'I 8RF " uet'gg'p'kpi "v'gu'u'lpf gr gpf gpv'0'Vj g' v'g'cvo gpv'cni' qtkj o u'f g'x'g'nr gf "ht'o gf keu'v'uw' r qtv'qh'ht'cf kecn'ewtg'f gr nq{o gpv'y gtg'y gml't'ge'k'x'g'f " d { 'TECH0C'ht'o cni'g'x'c'w'cv'k'p'r t'q'egu'y cu'r w'lp'r r'neg'v'q"o kpo k g'r qv'p'v'cni't'kuni'y kj "t'cf kecn'ewtg"

"

f gr m { o gpw' Hwtj gt 'tcklpi "y cu" f grkxgtgf "qp" vj g" f gvgevkqp" qh" cf xgtug" gxgpwu' tgrvxf "vq" vj g" wug" qh" r { tco cz" qt" r tko cs wkpgo' Ft "Y qlpctunk" j ki j rki j vgf "vj cv" vj gtg" ku" utqpi "uwr r qtvd" { "vj g" TECH" o gf lecn' f gr ctwo gpv' vq" f gxgnr "c" wps wgv' qh' vqnu" hqt" o crctk' grko kpcvkqp" vj cv' ctg" vcknqtgf "hqt" vj gk' ugwkpi O' Vj g' ecug' uwf { "uj qy u' vj cv' ej go qr tqr j { rczku' cpf "xgevqt" eqpvtqno' gcuwtgu' b' wuv'cti gv' j ki j /tkuni' tqw uO' Vj g' I 8RF "f ki pqwle" vguu' ctg' tgcf { "vq" dg' f gr m { gf "lp" vj g' b' kxct { "d" { "vj g" tcklpgf "b" gf leuOJ qy gxgt. "vj g" o kxct { "pggf u' vq" utgpi vj gp" r j cto ceqxki kxpeg" u' ugo u' f wv' vq" vj g' r qvvpkn' hqt" o kuercuk' hcevkqp" qh" I 8RF "lp" c' uwdug' vq' h' tgcvgf "uwdlgevu. "y j lej "ku" c' tko kcvkqp" qh' vj g' cxckrcdrg' vguuO' "

4040" Y knikxgto gevlp" o cuu' f twi "cf o kpkutcvkqp" j gr "grko kpcvg' tgu' f wcn' o crctk' lp" vj g' I tgcvgt" O gmupi "Uwdtgi kqA"

Ft "Mgxlp" Mqd { rkpunk" CHFKO U. "qwrkpgf" j qy "kxgto gevlp" O F C" eqwf "r qvvpkcm" j gr "grko kpcvg" tgu' f wcn' o crctk' lp" vj g' I O UO quv" o crctk' xgevqtu" lp" vj g' I O U" ctg" qwf qqt/ hggf lpi "gzqr j ci le+" qwf qqt/ tgu' lpi "gzqr j kxle" qt' hggf "dghqtg" dgf vko g' etgr wuewrt+O quv' b' crctk' tcpuo kuukqp" lp" vj g' I O U' qeewtu" lp' hqtgugf "ctgcu" vj j gtg' r gqr ng' ctg' rguu' r tqvgevgf "cpf" pqv' lp" vj g' xkmi g' j qo gOvj gtghqtg. "xgevqt" eqpvtqno' gcuwtgu' pggf "vq" ceeqwp' hqt" j wo cp" cpf "xgevqt" dgj cxkwtO' O cj kf qn' Wpkxgtukv { "cpf" CHFKO U" y knleqo r rvg' cp' kxgto gevlp" O F C" hgrf "uwf { "lp" twddgt' r rcpvcvqpu" lp" uqwj gtp" Vj ckc' pf O' K' y kni' vcti gv' Anopheles minimus. "y j lej "ctg" kxgto gevlp/ ugpu' kxg' cpf "vj g' r tko ct { "o crctk' xgevqtO"

Czkvki "tgugctej" qp" kxgto gevlp" wuci g" j cu" uj qy p" c" ercgt" ghge' v' qp" xgevqt" r qr wv' vqpu" cpf "tgf weg" f erikplecn' kpek' gpeg" co qpi "j wo cpuO' K' wugf "qp" r kxgucvqem" kxgto gevlp" O F C" j cu" dggp' rkpngf "vq" kpetgcugu" kp' y gki j v' i clp' cpf "o kni' { kgrf uO' Nqpi /rcvki "hqt o wv' vqpu" j cxg" c' o wej "rpi gt" f twi "j cih' rkg" eqo r ctgf "vq" j wo cpuOJ qy gxgt. "vj g' f kucf xcpvi gu' hqt" j wo cp' wug' ku' vj cv' k' rkngr' tgs vktgu' b' qvj n' "cf o kpkutcvkqp" cpf "pq" qvj gt" o qus wvq/ rvg' cn' gpf gevqek' gu' j cxg' dggp' cr' r tqxgf "hqt" j wo cp' wugO' K' vgo u' qh' r kxgucvqem" kxgto gevlp" wug' hqt' c' pko cnu' remu' t' vdrkuj gf "hgrf" tlcnu' cpf "kv' qgu' p' qv' wctcpvgg' cp' ghge' v' c' i clp' vj wo cp' hggf lpi "xgevqtuO' K' rkngr' "tgs vktgu" o wnr' ng' cf o kpkutcvkqp. "cpf" vj gtg" ku" c' r quuk' rkv' qh' t' guk' c' peg" f gxgnr o gpwO' J qy gxgt. "kxgto gevlp" tgcvo gpv' qh' j wo cpu" cpf "r kxgucvqem" uj qwf "pqv' dg" xky gf "cu" eqo r gvki "cr' r tqcej gu' dw' vj qwf "dg" wugf "lp" eqo dlp' cvkqp. "khi' wv' k' gf O"

Fwtlpi "vj g" f luewukqp. "Ft" Mgxlp" Mqd { rkpunk" go r j cuk' gf "vj cv" vj g" ucpf' ctf "kxgto gevlp" urwi j vgt" y kj f tcy cni' r g' tkqf "hmqy lpi "tgcvo gpv' hqt" ecwrg' ku" 57" f c { u' cpf "hqt" uy kpg" 3: "f c { u= rpi /rcvki " hqt o wv' vqpu" j cxg' gxgp" rpi gt' y kj f tcy cni' r g' tkqf uO'

Vj g' I O R' pqvgf "vj cv' kxgto gevlp" eqpuk' wgu' c' pgy "r ctf ki o "lp" o crctk' xgevqt" eqpvtqno' kxgto gevlp" ku' cp" gzeklpi "pgy" r qvvpkn' kpv' t' xgpv' kqp" cpf "y kni' dg" t' gxky gf "d" { "ugxgcn' i' tqw u' cv' Y J Q. "kpnw' lpi "vj g" r tgs wcn' hcevkqp" vgo "cpf" vj g' Xgevqt" Eqpvtqni' Cf xkuqt { "I tqw O' Cf f k' kpcn' t' gxky u' hqt" f twi "uchgv' "o c" { "cnu' dg' pggf gf O"

405" Uguukqp" 4<Tcf lecn' ewt' g' hqt" Plasmodium vivax (v' gu' lpi "cpf" eqo o wpkv' / r' xgn' lko r r' go gpvcvqpu"

405B" Ghge' v' kxgp' guu' qh' p' qxgn' r r' tqcej gu' vq' tcf lecn' ewt' g' y kj "chgpqs wkp" g' cpf "r tko cs wkp" g" Rtqhuuqt" Tlej ctf "Rtleg. " O gpi lgu" Uej qqn' qh' J gcmj "Tgugctej. " f grkxgtgf "c" r t' gup' cvkqp" qp" vj g" ghge' v' kxgp' guu' qh' p' qxgn' r r' tqcej gu' vq' tcf lecn' ewt' g' hqt" P. vivax" o crctk' O' Y J Q' t' g' eqo o gpf u' r tko cs wkp" g" *hqt" 36" f c { u' hqt' r' cvkpw' y kj "pqto cni' 8RF "cev' k' v' { "lp" ctgcu' y j gtg' ht' gs wgp' vt' gnr' ulpi "utckpu' qh' P. vivax" ctg' r t' g' x' r' p' OJ qy gxgt. "vj g' tkuni' qh' cewg" j cgo qn' uku' lp" r' cvkpw' y kj "I 8RF "f g' L' k' g' p' e { "cpf" pggf "hqt" uwr g' t' x' k' u' k' qp" qxgt" c" 36/ f c { "r g' tkqf "o g' p' u' vj cv' r' tko cs wkp" g' ku' qh' g' p' v' r' t' g' u' e' t' k' d' g' f "hqt" P. vivax o crctk' O' Vj g' "KO RTQX" *lo r t' q' x' l' pi "vj g' t' cf lecn' ewt' g' qh' P. vivax" o crctk' +o w' n' l' e' g' p' t' g' erikplecn' t' kni' g' x' c' m' e' v' g' f "vj g" uchgv' "cpf" gh' l' e' c' e { "qh' c" 9/ f c { "r tko cs wkp" g' t' gi lo gp' eqo r ctf g' y kj "c" 36/ f c { "r tko cs wkp" g' cpf "r' r' e' g' d' q" t' gi lo gp' *uj q' t' v' e' q' u' t' u' g' r' tko cs wkp" g' t' kni' O' Vj g' "KO RTQX" uwf { "f go q' p' u' t' c' v' g' f "vj cv' c" j ki j "f qug" 9/ f c { "r tko cs wkp" g' *RS 9+ t' g' c' v' o gp' v' y cu' uchg. "j ki j n' "ghge' v' kxg" *@ : ' +cpf "pq/ k' p' h' g' i' k' t' vq" 36/ f c { "r tko cs wkp" g' *RS 36+ "lp" r' cvkpw' y kj "pqto cni' I 8RF O' E' r' k' p' l' e' c' n' i' t' k' n' i" *F G V G E V K X G + " j cxg" cnu' dg' g' p' eqpf w' e' v' g' f "hqt" chgpqs wkp" eqcf o k' p' k' u' g' t' g' f "y kj "ej n' t' q' s' wkp" g' hqt" vj g' t' g' c' v' o gp' v' cpf "t' g' n' r' u' g' r' t' g' x' g' p' v' k' qp" qh' P. vivax" o crctk' O' Vj g' u' g' t' k' n' i' l' p' f' l' e' c' v' g' f "vj cv' chgpqs wkp" g' eqcf o k' p' k' u' g' t' g' f "y kj "ej n' t' q' s' wkp" g' k' p' f' l' e' c' v' g' f "vj cv' y cu" o q' t' g' gh' l' e' c' e' k' q' u' v' j cp' e' j n' t' q' s' wkp" g' c' m' p' g' . c' n' j q' w' i' j "vj g' t' k' n' i' q' h' t' g' e' w' t' g' p' e' g' y cu' u' k' n' i' 52062" "cv' q' p' g' { g' c' t' O"

Vj gtg'ctg'tkumi'qhl'j cgo qn' uku'kp'I 8RF 'f ghlekpv't cvkpw.'dwl'vj gtg'ctg'cnuq'bo cp{'dgpghku'vq'r tko cs wkp'g' tcf lecn'ewt'g'0'k'c'j' qur kcn'dcugf "eqj qtv'uwf { "kp"Rcr wc."kpf qpgukc"r wdrkj gf "kp"4242+ 'r cvkpw'y j q' tgegk'gf 'tcf lecn'ewt'g'y kj 'RS 36'gxgp'y kj qw'r tktq'I 8RF 'v'gukpi 'f go qpuw'cv'g'c'rqy gt 'tkumi'qhl'j qur kcn' cf o kuu'k'p'cpf 'rqy gt'bo qtv'ck'v'0'RT'q'huuqt 'R'leg't'g'k'g'c'v'g'f 'y' cv'k'ku'p'qv'r quuk'k'g'v'q'r t'gx'gp'v'g'x'g't { 'ecug'q'h' ugx'g't'g'j' cgo qn' uku.'dwl'g'ctn' 'qdugt'x'c'peg'h'q'm'y kpi 'cew'g'v't'g'c'vo gpv'ku'y ctt'c'p'v'g'f 'v'q'k'f'gp'v'k'h' { 'j' cgo qn' uku' g'ctn' "cpf 'ewt'v'ck'l't'g'c'vo gpv'd'gh'q't'g'ug'x'g't'g'u'f o r v'q'o u'f'g'x'g'qr 0'CNj qwi j 'r tko cs wkp'g'cv'y j g'eq'tt'g'ev'f'q'ug' ku'uch'g'cpf 'j' ki j n' 'gh'g'ev'k'g'k'p'r t'gx'gp'v'k'pi "P. vivax t'g'nr ug. "kp"o qu'r cvk'pw.'j g'v'g't'qi g'p'g'k'v' { "kp"r cvk'p'v' r q'r w'v'k'p'u'f' go cpf u'y cv'r q'k'e { 'cpf 'r t'c'v'k'g'ku'v'k'k'q't'g'f 'v'q'y j g'm'ec'n'g'p'x'k'q'p'o gpv.'p'g'g'f' u'cpf 't'g'u'q'w'g'u'0'

4604 " K r ngo gpvc'k'p'cpf "g'x'c'm'c'v'k'p'q'h'c'bo qf g'n'q'h'ect'g'q'h'i n'w'eq'ug/8/r j qur j cv'g'f'g'j { f tqi g'p'c'ug' " ce'v'k'k'v' 'v'g'uk'pi 'cpf 'r tko cs wkp'g'ht' "Plasmodium vivax"t'cf lecn'ewt'g'k'p'Eco d'q'f'k'c'cpf "XK VCTE" u'w'f { +'

Rt'q'huuqt "Uj w'p'o c' { "l' g'w'p'i "f'g'rx'g't'g'f "h'p'f'k'pi u'q'p'v'j g'XK VCTE"u'w'f { "P."Vivax"I 8RF 'v'g'uk'pi "cpf " tcf lecn'ewt'g'u'w'f { "kp"Eco d'q'f'k'c+."c'eq'm'd'q't'c'v'k'g'k'o r ngo gpvc'k'p'u't'g'ug'c't'ej 'r t'q'l'g'ev'd'g'y g'p'v'j g'E'g'p'v'g't' h'q't'J g'c'n'j 'cpf "U'q'ek'n'F'g'x'g'nr o gpv'k'p'Eco d'q'f'k'c.'y j g'N'q'p'f'q'p'U'ej q'q'n'q'h'J { i k'g'p'g' { "V't'q'r lecn'O g'f'k'ep'g' " cpf "y j g'Eco d'q'f'k'c'P'c'v'k'p'c'n'E'g'p'v'g't'h'q't"R'c't'c'uk'q'q'j { ."G'p'v'q'o q'm'j { "cpf "O'c'n't'k'c'E'q'p'v'q'r'0'XK VCTE" c'k'o u'v'q'k'o r ngo gpv'cpf "g'x'c'm'c'v'g'c'p'g'y "o qf g'n'q'h'ect'g'q'h'i" I 8RF "v'g'uk'pi "cpf "r tko cs wkp'g'ht' "y j g't'cf lecn' ewt'g'q'h'P. vivax k'p'h'g'ev'k'p'u'0'Vj g'r t'q'l'g'ev'y cu'r'w'p'ej gf "kp"423; "cpf 'ku'q'pi q'k'pi 'kp'v'j g'h'q'w'j ki j g'u'v'd'w'f'g'p' j g'c'n'j "e'g'p't'g'u'k'p"R'w't'uc'v' R't'q'x'k'p'eg."Eco d'q'f'k'c'0'N'g'x'g't'c'i k'pi "y j g'g'z'k'v'k'pi "p'g'y q't'n'q'h'x'k'm'i g"o c'n't'k'c' y q't'ng't'u.'r cvk'p'u'y kj "TF V'eq'p'h't'o g'f "P. vivax'k'p'h'g'ev'k'p'u'c't'g't'g'h't'g'f'f'q'o 'y j g'eq'o o w'p'k'v' { "v'q'y j g'm'ec'n' j g'c'n'j "e'g'p't'g'y j g't'g'v'j g'f "t'geg'k'g'c'I 8RF "v'g'u'0'c'ee'q't'f'k'pi "v'q'y j g'v'g'u'v't'g'u'w'x'v't'g'c'vo gpv'y kj "r tko cs wkp'g' ku'k'p'k'c'v'g'f.'y kj "t'g'h't't'c'n'd'c'e'n'v'q'y j g'x'k'm'i g"o c'n't'k'c'y q't'ng't'u'q'p'f'f'q'o 'w' "kp'v'j g'eq'o o w'p'k'v' { "v'q'ej g'e'n'i h'q't'k'f'g'g'h'g'ew'cpf "g'p'u'w'g'c'f'j g't'g'p'eg'0'E'q'p'v'k'p'w'k'v' { "q'h'ect'g'cpf "o c'n't'k'c' u'w'x'g'k'm'c'p'eg'j cu'd'g'g'p' u'w'r q't'v'g'f " g'g'ev't'q'p'k'c'm' { "y j tqwi j "y j g'f'g'x'g'nr o gpv'cpf "k'o r ngo gpvc'k'p'q'h'c' "P. vivax"o qf w'g'k'p'v'g'i t'c'v'g'f "k'p'v'q'y j g' g'z'k'v'k'pi "O'c'n't'k'c' k'p'h'q't'o c'v'k'p' "U'w'x'g'k'm'c'p'eg" c'r r ."c'ee'g'ug'f "q'p" v'c'd'ng'w'c'v' v'j g'j g'c'n'j "e'g'p't'g'u'cpf "q'p" u'o c't'r'j q'p'g'u'r t'q'x'k'f'g'f "v'q'y j g'x'k'm'i g"o c'n't'k'c'y q't'ng't'u'0'Q'x'g't'6: 2'r cvk'p'u'j c'x'g'd'g'g'p'v'g'ug'f' "h'q't'I 8RF " f'g'h'ek'p'e { 'cpf "q'x'g't'622'v't'g'c'v'g'f "y kj "r tko cs wkp'g'0'S w'c'p'v'k'c'v'k'g'cpf "s'w'c'k'c'v'k'g'c'p'c'n'f' u'ku'c't'g'q'pi q'k'pi "d'w' j c'x'g'k'p'f'k'c'v'g'f "y cv'v'j g'p'g'y "o qf g'n'q'h'ect'g'ku'h'g'c'uk'd'ng'cpf "j ki j n' "c'ee'g'r v'c'd'ng'k'p'v'j ku'ug'w'k'pi 0'R't'ko cs wkp'g' y cu'i g'p'g't'c'm' { "x'g't' { "y g'n'v'q'ng't'c'v'g'f."cpf."y kj "eq'o o w'p'k'v' { "u'w'r q't'v'j ki j "h'g'x'g'u'q'h'c'f'j g't'g'p'eg'v'q'y j'36/f'c' { " t'g'i k'o g'y g't'g'c'ej k'g'x'g'f'0'"

4605 " W'k'k'k' k'pi "g'z'k'v'k'pi "v'q'q'u'q'p' "Plasmodium vivax"g'r'ko k'p'c'v'k'p' "

F't"E'k'p'f { "E'j w."Uj q'm'q' "O'c'n't'k'c' "T'g'ug'c't'ej "W'p'k'v' "UO TW+."r t'g'ug'p'v'g'f "cp"q'x'g't'x'k'g'y "q'h'g'z'k'v'k'pi "v'q'q'u'q'p' " P. vivax g'r'ko k'p'c'v'k'p'0'Vj g'r t'g'ug'p'v'k'p'p'r t'q'x'k'f'g'f "cp"cu'gu'uo gpv'q'h'I 8RF 'v'g'uk'pi "kp'c'f'x'c'p'eg'q'h'0'F'c'cu" y g'm'c'u'c'v'y j g'v'k'o g'q'h'f'w'i "cf o k'p'k'm't'c'v'k'p'q't' "TF V'0'Vj g'c'f'x'c'p'v'c'i g'q'h'I 8RF 'v'g'uk'pi "kp'c'f'x'c'p'eg'q'h'0'F'c' " ku'v'j cv'k'v'c'p'd'g'eq'o d'k'p'g'f' y kj "o c'n't'k'c' "u'et'g'g'p'k'pi "y j tqwi j "w'nt'c'ug'p'uk'k'g'RET"v'g'u'0'V'g'c'o u'ec'p'c'nuq'h'q'ewu" q'p'g'p'i c'i go gpv'y kj "u'et'g'g'p'k'pi "ce'v'k'k'k'g'u."q't'i c'p'k'g'j' q'y "y j g'v't'g'c'vo gpv'uj q'w'f "dg"o c'p'c'i g'f "cpf "r'nc'p' "h'q't" h'w'w't'g'0'F'c'x'k'u'0'Vj g'f'k'uc'f'x'c'p'v'c'i g'q'h'v'j ku'r r t'q'c'ej "ku'v'j cv'k't'g's'w'k't'g'u'y q'x'k'u'ku'cpf "c'I 8RF 't'g'v'g'p'v'k'p' " d'c'e'n'w'r "r'nc'p'."cpf "k'v'q'p'n' "v't'g'c'u'w'nt'c'ug'p'uk'k'g'RET"r qu'k'k'g'ec'ug'u'0'Q'p'v'j g'q'v'j g't'j' cpf "I 8RF "c'v'v'j g'v'k'o g' q'h'f'w'i "cf o k'p'k'm't'c'v'k'p'q't' "TF V'ec'p'd'g'eq'o r'ng'v'g'f "kp'q'p'g'x'k'uk'v'cpf "c'nuq'y u'q'p'k'o o g'f'k'c'v'g'v't'g'c'vo gpv'c'h'g't' " v'j g'I 8RF "v'g'u'0'Vj g'uj q't'w'eq'o k'pi "q'h'v'j ku'r r t'q'c'ej "c't'g'v'j cv'v'j ku'r t'q'x'k'f'g'u'ng'u'c'd'k'k'v' { "v'q'r'nc'p' "c'j g'c'f "cpf " v'j g't'g'r'q'v'p'v'k'c'm' { "y q'w'f "dg'p'q'g'r'k'f' go k'q'm'i lecn'u'w'x'g' { "v'q'k'p'h'q't'o "r tqi t'c'o o k'pi 0'G'c'ej "q'h'v'j g'ug"o g'v'j q'f' u' r t'g'ug'p'v'f'k'h'g't'g'p'v'c'f'x'c'p'v'c'i g'u'cpf "f'k'uc'f'x'c'p'v'c'i g'u'q'p' "P. vivax g'r'ko k'p'c'v'k'p'."cpf "y j g'f' "p'g'g'f "v'q'd'g'c'r r'k'g'f " k'p'eq'p'uk'g't'c'v'k'p'q'h'v'j g'q'r g't'c'v'k'p'c'n'eq'p'v'g'z'0'UO TW'j ki j r'ki j v'g'f "y cv'eq'o d'k'p'k'pi "y j g'ug'v'q'q'u'q'p'q'h'g't'u'c" r t'q'o k'uk'pi "h'c'o g'y q't'n'v'q'g'r'ko k'p'c'v'g'P. vivax o c'n't'k'c'0'

406 " U'g'uk'p'5'<P'gy "o c'n't'k'c'c'p'v'k'g'ev'q't'k'n'v'q'q'u'

40608 " Cu'gu'uk'pi "y j g't'g'r'v'k'p'uj k'r "d'g'y g'p'p'q'p'i /nc'uk'pi "k'p'uge'v'k'f'c'n'p'g'v'o c'v'g't'k'n'c'p'f "h'q'p'i /nc'uk'pi " k'p'uge'v'k'f'c'n'p'g'v'w'uci g'k'p'O { c'p'o c't'cpf "Eco d'q'f'k'c"

F't"U'k' Vj w' Vj g'k'p."R'q'r w'v'k'p' "U'g't'x'leg'u" k'p'v'g't'p'c'v'k'p'c'n' "RUK" O { c'p'o c't." r t'g'ug'p'v'g'f "c" u'w'f { "q'p" v'j g' " t'g'r'v'k'p'uj k'r "d'g'y g'p'p'q'p'i /nc'uk'pi "k'p'uge'v'k'f'c'n'p'g'v' "NNK" +h'c'd't'le"o c'v'g't'k'n'c'p'f "NNK" w'uci g'k'p'Eco d'q'f'k'c' " cpf " O { c'p'o c't'0' Vj g' " u'w'f { "y cu" c" et'q'u'u'g'ev'k'p'c'n'j q'w'ug'j q'f' " u'w'x'g'f " c'k'o g'f " c'v' r t'q'x'k'f'k'pi " c" d'g'w'g't' w'p'f'g't'u'c'p'f'k'pi "q'p"v'j g'ce'w'c'n'w'ug'q'h'NNK"u'c'ee'q't'f'k'pi "v'q'y j g'o c'v'g't'k'n'c'u"q'r r q'ug'f "v'q'q'p'n' "y j g'NNK"u'

r tghgtgf "ej qleg'qh'y g'ko r ngo gpygt "qt "cti gv'r qr wv'kqp+0Vj g'uwf {"eqpenf gf "y cv'y j gp"} qwugj qrf u' j cf "dqj "v'r gu'qh'pgu."r qnf guvgt "NNK u'y gtg"o qtg"rknqf "vq"dg"wgf "y cp"r qnf gjv gpg'qpgu"lp"dqj " eqwpt'ku0J qy gxgt."y g'qxgtcn'lwaci g'y cu'uko kact "dgwy ggp"y g'j qwugj qrf u'kh'y g{"j cf "qpn{"qpg"v'r g'qh' NNK 0'

4064" O {cpo ct'Rtkxcv'Ugevqt'Cp'ko crctkcn'Qwrgv'Uwtxg{"423; "

F t'I g'M{ cy 'Cwpi 'r tguv'p'v'f "RUKO {cpo ct'au'423; "etquu/ugev'kqpcn'cuuguuo gpv'qh'y g'cp'ko crctkcn'f twi " r'p'f uecr g'kp'O {cpo ct'0Vj g'Rtkxcv'Ugevqt'Cp'ko crctkcn'Qwrgv'Uwtxg{"'cko u'vq'cuuguu'r tqxkf gt'tgcf k'p'guu' hqt's wv'k'f "o crctk'ecug'o cpci go gpv'd{"o gcuwtkpi "f'c'w"qp"y g'cxck'rdk'k'f "qh'cp'ko crctkcn'o gf k'ec'v'k'p'." f'kci p'qu'ku."r tqxkf gtu'v'v'cl'k'p'pi "ecr'cek'f."tgeqtf "m'gr k'pi "cpf "tgi wv'v'qt {"xkuku'0'Vj g'cxck'rdk'k'f "qh' cp'ko crctkcn'o gf k'el'p'g'."gur gek'cm'f "s wv'k'f /cuu'w'gf "ct'v'go k'ul'k'p' "eqo d'k'p'c'v'k'p' "y g'ter {"*CEV+."cpf "TF Vu" y cu'j k'j g't'co qpi "r t'k'x'c'v'g' "h'ek'k'f {"cpf "j g'cnj "y q'tn'gt'u'y cp"q'v'j g't'v'r gu'qh'r t'k'x'c'v'g' "q'w'rg'u" "r j c'to c'el'gu." k'k'p'gt'cp'v'f twi "x'g'p'f qtu'cpf "v'cl'k'p'g'f "j g'cnj "r tqxkf gtu+0Vj g'cxck'rdk'k'f "qh'q't'cn'ct'v'go k'ul'k'p' "o q'p'q'v'j g'ter {" j cu'f g'ek'p'g'f "k'i p'h'k'c'p'v'f "q'x'g't'g'eg'p'v'f "g'tu="x'g't {"h'g'y "r j c'to c'el'gu'cpf "v'cl'k'p'g'f "j g'cnj "r tqxkf gtu'u'q'cn'y g' r tqf w'v'0'Vj g'o c'l'q't'k'f "qh'c'm'q'w'rg'u" "g'z'eg'r v'j g'cnj "y q'tn'gt'u+y g't'g'p'q'v'c'v'k'x'g'n'f "g'pi c'i g'f "y k'j "y g'P O R" hqt'b crctk'ecug'o cpci go gpv'cpf "t'gr q't'v'k'pi . "r c't'k'w'rc't'n'f "r j c'to c'el'gu."k'k'p'gt'cp'v'f twi "x'g'p'f qtu."cpf "j g'cnj " h'ek'k'f "e'k'p'leu+0"

407" Uguukp'6<J g'cnj 'u'f'ugo 'ut'g'pi v'j g'p'k'pi <lp'v'gi t'c'v'k'p'qh'o crctk'eqo o w'p'k'f "j g'cnj "y q'tn'gt'u"

407B" Qr'ko c'n'eqo o w'p'k'f /f g'r'k'x'g't'g'f "o crctk'g'riko k'p'c'v'k'p' "o q'f g'n'u'hqt"y g'I t'g'c'v'gt "O g'n'api "Uwd't'gi k'q'p"

F t'Y k'p'J cp"Qq"r t'g'ug'p'v'f "y g'Dwt'p'g'v'f "k'p'uk'w'g'u"t'g'ug't'ej "qp"q'r'ko c'n'eqo o w'p'k'f /f g'r'k'x'g't'g'f "o crctk' g'riko k'p'c'v'k'p' "o q'f g'n'u'hqt"y g'I O U'0'Vj g'b k'z'g'f /o g'y q'f u'b w'v'k'f /eqw'p't {"q'r g't'c'v'k'p'c'n't'g'ug't'ej "r t'q'l'g'ev'c'ko g'f " v'q'r t'q'f w'eg'c' "eqo o w'p'k'f /f g'r'k'x'g't'g'f "o crctk'g'riko k'p'c'v'k'p' "o q'f g'n'v'j c'v'k'u'c'ee'g'r v'cd'rg."q'r g't'c'v'k'p'c'n' "r t'c'i o c'v'k'." cpf "eq'u'v'g'h'g'ev'k'x'g'c'et'quu'I O U'eqw'p't'k'u'0'F k'h'g't'g'p'v'k'p'v'gi t'c'v'g'f "eqo o w'p'k'f /f g'r'k'x'g't'g'f "o q'f g'n'u'j c'x'g'd'g'g'p' f g'x'g'r'g'r g'f ."r k'q'v'g'f "cpf "g'x'c'n'c'v'g'f "i m'd'c'm'f 0'Vj g'k'p'v'gi t'c'v'g'f "eqo o w'p'k'f "o crctk' "x'q'n'p'v'g'g't " *q't "R E O X + " o q'f g'r'k'u'y g'ew't'g'p'v'uc'p'f c't'f "q'h'c'ct'g'k'p'O {cpo ct'c'p'f "y g'x'q'n'p'v'g'g't "o crctk' "y q'tn'gt' "o q'f g'r'k'p' "q'y g't'I O U' eqw'p't'k'u'0' Y j k'g' "y g" "o crctk' "x'q'n'p'v'g'g'tu" "o c'k'p'n'f "h'q'ew'u" q'p" "eq'p't'q'n'f cpf "g'riko k'p'c'v'k'p' "qh'o crctk'." y g' k'p'v'gi t'c'v'g'f "eqo o w'p'k'f "o crctk' "x'q'n'p'v'g'g'tu" w'p'f g't'c'v'g'f "c'f f'k'k'q'p'c'n' "u'et'g'g'p'k'pi "cpf "t'g'h'g't'c'n' "u'g't'x'k'eg'u" hqt "c" t'c'p'i g'q'h'q'y g't'f k'ug'c'ug'u."k'p'cn'f k'pi "f g'pi w'g."h'f o r j c'v'k' "h'k'c't'k'c'k'u."w'd'g't'ew'q'uku."J K X I C F U'c'p'f "t'gr t'q'u'f ."q'p" v'q'r "qh'o crctk'0'Vj g'Dwt'p'g'v'f "k'p'uk'w'g"cpf "ku"r c't'v'p'g't."y g"N'c'q"V't'q'r k'ec'n'c'p'f "R'w'd'ri'k' "J g'cnj "k'p'uk'w'g." eq'p'f w'ev'g'f "s w'v'k'c'v'k'x'g' "eqo o w'p'k'f "cpf "u'c'n'g'j q'f g't' "eq'p'u'w'c'v'k'p'u"lp'O {cpo ct'c'p'f "y g"N'c'q"R'g'q'r r'g'au" F go q'et'c'v'k' "T'g'r w'd'ri'k' "v'q'f g'v'g'to k'p'g'c'p' "c'r r t'q'r t'k'c'v'g' "o q'f g'n'u'hqt"y g'I O U'0'Vj g'h'k'p'f k'pi u'j c'x'g' "r'g'f "v'q"y g' c'f c'r w'v'k'p'q'h'c' "eqo o w'p'k'f /f g'r'k'x'g't'g'f "k'p'v'gi t'c'v'g'f "o crctk'g'riko k'p'c'v'k'p' "q't E I O G'b q'f g'n' "y j k'ej "y k'm'd'g'h'g'r'f " v'g'u'g'f "cpf "g'x'c'n'c'v'g'f "k'p"O {cpo ct'k'p"42430'k'k'p'v'gi t'c'v'g'u"k'p'v'g't'x'g'p'v'k'p'u" hqt "o crctk'g'riko k'p'c'v'k'p' "u'w'ej "cu" o crctk' "f'k'ci p'q'uku" w'k'pi "TF Vu."t'g'c'v'o g'p'v' "t'g'h'g't'c'n'c'p'f "t'gr q't'v'k'pi ."r t'g'x'g'p'v'k'p' "k'p'v'g't'x'g'p'v'k'p'u" *d'g'j c'x'k'q'w't " ej c'p'i g' "eqo o w'p'k'c'v'k'p'."p'g'v'cpf "t'gr g'm'g'p'v'f k'ut'k'd'w'k'p'+."cu'k'k'p'pi "k'p' "ecug'cpf "h'q'ek'k'p'x'g'u'k'i c'v'k'p'."r'c't'x'c'n'f u'q'w't'eg'o c'p'ci go g'p'v'cpf "r t'g'x'g'p'v'k'p'cpf "t'g'h'g't'c'n' "u'g't'x'k'eg'u" hqt "f g'pi w'g."w'd'g't'ew'q'uku."ej k'f j q'q'f "f'k'c't'j q'g'c" cpf "TF V'p'g'i c'v'k'x'g'h'x'g'tu'0'k'k'p'x'q'k'g'u't'g'et'w'k'k'pi "cpf "v'cl'k'p'pi "c'x'q'n'p'v'g'g't "v'q'ko r ngo g'p'v'j g'b q'f g'r'k'p' "g'cej " x'k'nc'i g'y j q'y k'm'd'g' "u'w'g't'x'k'ug'f "cpf "o q'p'k'q't'g'f "d {"d'c'ule"j g'cnj "u'c'h'h'c'v'g'c'v'v'o q'p'y n'0"

Vj g'Dwt'p'g'v'f "k'p'uk'w'g" eq'p'cn'f gf "y cv'y j g" o crctk' "x'q'n'p'v'g'g't" o q'f g'n'p'g'g'f u'v'q"dg"v'c'p'uh'q'to g'f "k'p'v'q"cp' k'p'v'gi t'c'v'g'f "o q'f g'n'r t'g'h'g't'g'f "d {"y g' "eqo o w'p'k'f "cpf "c'ee'g'r v'cd'rg" d {"y g'j g'cnj "o k'p'k'ut {"qh'y j g't'g'ur g'ev'k'x'g' eqw'p't {"0'Vj g' "eqo o w'p'k'f /f g'r'k'x'g't'g'f "k'p'v'gi t'c'v'g'f "o crctk'g'riko k'p'c'v'k'p' "o q'f g'n'u+"k'p"y g'I O U' "uj q'w'f "dg" g'h'g'ev'k'x'g' "o q'f g'n'u+"k'p"r t'ko c't {"j g'cnj "ect'g"cpf "u'w' r q't'v'j g' "c'ej k'g'x'go g'p'v'q'h' "w'p'k'x'g't'c'n'j g'cnj "eq'x'g't'c'i g'0' Vj k'u"v'c'p'uh'q'to c'v'k'p' "k'u"et'w'ek'n'v'q" "g'p'u'w'g'j k'j j "t'c'v'g'u"qh' "eqo o w'p'k'f "v'g'u'k'pi "k'p"y g'g'riko k'p'c'v'k'p' "r j c'ug'cpf " o c'k'p'c'k'p' "x'q'n'p'v'g'g'tu" "u'q'ek'n'o q'v'k'c'v'k'p'0'

4074" T'g'c'ev'k'x'g'cpf "r t'q'c'ev'k'x'g' "ecug'f g'v'g'ev'k'p' "hqt"y g'g'riko k'p'c'v'k'p' "qh'o crctk'k'p' "Eco d'q'f k'c' "hqt'g'u'v'f q'g'tu" *RCEGU'uwf {"+

Rt'q'h'guu'q't "Uj w'p'o c {"I g'w'pi "r t'g'ug'p'v'f "t'g'u'w'u" "h't'q'o "RCEGU."c"o k'z'g'f /o g'y q'f u'uwf {"w'p'f g't'c'v'g'p' "cu" "c" eq'm'd'q't'c'v'k'p' "d'g'y g'g'p' "y g'N'q'p'f q'p' "U'ej q'q'n'q'h'J {"i k'g'p'g' ("V't'q'r k'ec'n' "O g'f k'el'p'g' "y g'E'g'p'v'g't' "hqt" "J g'cnj "cpf " U'q'ek'n' F g'x'g'r'g'r o g'p'v' "y g' "Eco d'q'f k'c'p' "P c'v'k'p'c'n' "E'g'p'v'g't' "hqt" "R'c't'c'uk'q'n'q'i {"." G'p'v'q'o q'q'n'i {" "cpf "O crctk' " Eq'p't'q'n' "k'p'uk'w'w' "R'c'ug'w't' "f w'Eco d'q'f i g'cpf "q'y g't' "r c't'v'p'g't'0'Vj g'uwf {"v'q'q'n'r r'c'eg' "k'p" "Q'f f'q't "O g'c'p'ej g {"

cpf "lpxqirgf "36"j gcmj "egpvtgu"cpf "352"xknci gu"cpf "vj gk"xknci g"o cmtkc"y qtngtu0J qwugj qrf ."hqtguv/ i qlpi "bgki j dqwtu"cpf "hqtguv/i qlpi "deq/vtcxngmtu0"qh'eqphkto gf "u{o r vqo cve"P. falciparum"lpxf gz'ecugu" y gtg'uetggpgf "hqt"o cmtkc"wukpi "TF Vu"cpf "tgcwko g"RETOEqphkto gf "ecugu"qh"P. falciparum"cpf "P. vivax y gtg'vtecvf "y kj "ctvuwpcvg"cpf "o ghqs wkp"cu'r gt "pcvqpcnli wkf gkpgu0Vj g'uwwf { "eqphkto gf "vj cv" o cmtkc"lphgevkqp"lp"vj ku'ugwki "ku"j ki j n' "hjecn"qpn' "hqwpf "lp"37"qww'qh"352"xknci gu"cv'dcugkpg+"cpf " f qo kpcvfg "d{ "P. vivax0K'cnuq"lqwpf "vj cv'uetggkpi "hqt"cu{o r vqo cve"ecttktu'dcugf "qp"tgegpv'hqtguv/ i qlpi { "kgrf gf "vj g'j ki j guv' qukxkxk' "tevgu"cpf "vj cv'vj g'r ken'w'r "y cu'hqy "wukpi "tgr qtvgf "qt"o gcuwgf "hxxgt" cpf "lp"pqp/hqtguv/i qlpi "j qwugj qrf "eqpvevu0K"vj g'htu/hkgr "cuuguo gpv'qh'wmc/ugpukxg"TF Vu"lp"vj g" tgi kqp. "vj g"uwwf { "cnuq"uj qy gf "vj cv'vj g' "y gtg"pqv'o qtg"ugpukxg"vj cp"uvcpf ctf "TF Vu"lpxf "f gvevki " cu{o r vqo cve"P. falciparum"lphgevkqp0Hkpcn' ."s werkcvkxg'uwd/uwwf { "r tqxkf gf "c'f gvevki "f guetk wqp" qh'hqtguv/i qgtu'lp"vj g'ctgc"cpf "f qewo gpvfg "vj cv'hqt"chgevgf "eqo o wpkkgu"vj g'tgrx ukpi "pcwmg'qh"P. vivax r qugu'o qtg'qh'c'dwtf gp"vj cp"P. falciparum0

408" Uguukqp"7<Uwtxgkmppeg"cpf"o cmtkc"grko kpcvkqp

40803" Wukpi "j ki j n' "ugpukxg'tcr kf "f kci pquve"vguu'eqo r ctgf "vq"eqpvtqnlhqt'tgf welpi "vj g'j gcmj " egpvtg'ecvej o gpv'cpf "xknci g/rxgnr' txcnpeg"cpf "lpekf gpeg"qh'Plasmodium falciparum"co qpi "xknci g" tgukf gpw'cpf "o qdkng"cpf "o ki tcpv'cpf "qy gt"j ki j /tkunr qr wrcvqpu"lp"Ej co r cucnRtqxlpeg."uqwj gtp" Ncq'Rgqr ngau'F go qetcvle"Tr wdrke

F t"Vlo qy { "R'Hlpp."WEUH"f grkxgtgf "c"r t gupv'vqp"qp"vj g"uug'qh"j uTF Vu"vq"o gcuwgf"P. falciparum lpekf gpeg co qpi " xknci g" tgukf gpw' cpf " o qdkng" cpf " o ki tcpv' cpf " qy gt " j ki j /tkunr r qr wrcvqpu" lp" Ej co r cucnRtqxlpeg."Ncq'Rgqr ngau'F go qetcvle"Tr wdrke0Vj g"lpxgtxgpxvqpu"lpenf gf "xknci g/dcugf " o cuu'vgu"cpf "vtecv'qt"O VC V+."hjecn'vgu"cpf "vtecv'qt" HVC V+ "lp"j ki j /tkunr r qr wrcvqpu."cpf "vj g" eqo dkpcvqp'qh'vj g'ug'cr r tqcej gu."wukpi "j uTF Vu0K"vj ku'uwf { ."vj g'r gthqto cpeg'qh'vj g'j uTF V"cpf "vj g" eqpxgpvqpcn'TF V"y gtg"pgctn' "kf gpv'ecn"lpxf "kf gpv'v'lp"i "ewttgpv' lphgevkqp0F kci pquve"ugpukxkxk' " tgo clpu'cp"kuw'g'hqt"cev'xg'uwtxgkmppeg"cr r tqcej gu."gur gekm' "hqt"P. vivax r ctcku'gu0

40804" Gpxktqpo gpv'cpcn'uku'cpf "uwtxgkmppeg"vq"ko r tqxg"o cmtkc"grko kpcvkqp"utcvgi kgu"GCUKO GU" F t"Hqtkep"l ktpf "cpf "F t"lqtf k'Ncpf kgt"r t gupv'vq"UO TWau'tgugctej "r tqlgev'lp"gcugtp"O { cpo ct"qp" gpxktqpo gpv'cpcn'uku'cpf "uwtxgkmppeg"vq"ko r tqxg"o cmtkc"grko kpcvkqp"utcvgi kgu"GCUKO GU"0Vj g" r tqlgev'clo u'vq'tgkphqteg"vj g"o letquvcv'k'cev'vqp"cpf "cev'xg'uwtxgkmppeg"vq'qni'wugf "d{ "P O Ru"vq'cmqecvg" tguqtegu"cpf "vcti gv' lpxgtxgpxvqpu" f wtkpi " vj gk" eqpvtqn"cpf " grko kpcvkqp" ghqtu0Vj g" r tqlgev' j cu" lpxguki cvgf "vj g'tgrv'vqpu"kr "dgy ggp"vj g'hqtguv'gpxktqpo gpv'cpf "o cmtkc"d{ "f g'xgnr lpi "c'tgi kpcn'gctn' " y ctp'lp"i "u'vgo "vj cv'ecp'dg'i gpgtck'gf "cv'vj g'pcvqpcn'uecrg0K'lpxqirgf"vj g'f g'xgnr o gpv'qh'cp'ceewcvg" rcpf/wug'kcpf/eqxgt"qt"NWNE+f c'cdug'htqo "tgo qvg'ugpukpi "f cv'eqphkto gf "d{ "hgrf"uwtxg'u"i tqw'p/ v'wj lpi "0Vj ku'NWNE"o cr "ej ctcev'gk'gu"vj g"gpxktqpo gpw'ctqwpf "xknci gu"cpf "mqecv'vqpu"j y gtg'r gqr ng" o qxg'cpf "ku'lpv'gi tcvf "y kj "o cmtkc"fcv'w'j wo cp'lpekf gpeg'lr txcnpeg=xgevt'f kxgtuk' "cpf "cdw'p'cpeg" vq" cpcn'ug" cpf " r tgf kev" o cmtkc" tkun0 K' cnuq" k'v'gi tcvu" o cmtkc/" cpf " xgevt/tkuni f cv" vq" k'phqto " o letquvcv'k'cev'vqp"qp"r qv'p'v'cn't'kumi'qh'r'gtulungpeg'qt'tguw'i gpeg'qh'o cmtkc0Vj g'hkpf lpi u'uj qy gf "vj cv" f kucpeg"i tcf k'p'w'vq"o c"o k'rcpf "erko cvg"cpf "f gpug'hqtguu"gzr r'kp"o qtg"vj cp"72" "qh"P. falciparum" xctkpeg0Vj g'cpcn'uku'qh'vj g'tgrv'vqpu"kr "dgy ggp" f { pco ke"r tqh'kgu"cpf "gpxktqpo gpv'cn'hcev'vqpu"ku" qpi qlpi 0C"o cmtkc"gpxktqpo gpv'cn'uwtxgkmppeg"u'vgo "ku'rkxg"cpf "y kn'dg'hw'vj gt" f g'xgnr gf 0

40805" Ghgevkxgpguu'qh'tgr gmgpv'f grkxgtgf "d{ "xknci g"j gcmj "xqnpv'vgtu'lp"O { cpo ct

Rtqhuuqt"Hg{c"Hqy ngu"r t gupv'vq"lpxf lpi u'htqo "vj g"Dwtpgv'k'pukw'w'au'uwf { "qp"vj g"ghgevkxgpguu'qh" r gtupc'n'gr gmgpv'f grkxgtgf "vj tqwi j "xknci g'j gcmj "xqnpv'vgtu'qp"o cmtkc'lpekf gpeg'lp"xknci gu'lp'uqwj / gcu'0 { cpo ct0Dgy ggp"Cr tk'4237"cpf "Lxp'g"4238."vj g"Dwtpgv'k'pukw'w'au'ucpf qo k'gf "338"xknci gu'lp" O { cpo ct"vq" f k'utkdwg"tgr gmgpv'vj tqwi j "xknci g'j gcmj "xqnpv'vgt"pgy qtmu" wukpi "c"ugr r gf /y gf i g" enw'gt'ucpf qo k'gf "eqpvtqngf "v'kcnf guki p"cpf "hqm'y gf "vj g"xknci gu'w'r "hqt"37"o qpv' u'vq'f gvev'o cmtkc" d{ "TF V"cpf "j ki j n' "ugpukxg"r qn' o gtcug"ej clp'tgecv'vq"RETOVj g'f k'utkdw'vqpu"qh'tgr gmgpv'vj tqwi j " vj g"xknci g'j gcmj "xqnpv'vgt"pgy qtmf k' "pqv'tgf weg"TF V/f gvev'cdng'lphgevkqp"v'w'vq'vj g'uo cmgt"vj cp" g'zr g'ev'f "pwo dgt"qh'TF V/f gvev'cdng'lphgevkqp"dw'tgf weg"vj g'qf f u'qh'RET/f gvev'cdng'lphgevkqp0Vj g" cr r ctgpv' r tqv'ev'xg" ghgev'qh'tgr gmgpv' y cu' eqpukngpv' cetquu' tkun'i tqw' u" *xknci g" tgukf gpw." hqtguv' f y gngtu"cpf "o ki tcpw"cpf "xknci gu." uwi i gukpi "vj cv'tgr gmgpv'f k'utkdw'gf "d{ "xknci g'j gcmj "xqnpv'vgtu"

o c { "dg"cp"ghgevxg"lpvgtxgpvqp"cetquu"t"t"cp"i g"qh"t"cpuo kuukqp"lpvgtukf "ugvki u"epf "r qr wcvkpu0Vj g" uwf { "eqpenmf gf "vj cv"vj g"rcti g/uecrg" f kwtkdwkqp"qh"t"gr gmgpv"cu"r ctv"qh'o cmtk"eqvqtq"cpf "grko kpcvqp" r tqi tco o gu"ecp"dg"cp"ghgevxg"r wdrie"j gcmj "vqqr"vq"vcti gv"tgukf wcn"o cmtk"t"cpuo kuukqp"kp"m"y " t"cpuo kuukqp"j ctf/vq/tgej "ctgcu"qh"O { cpo ct"cpf "vj g" I O U"o qtg"dtqcf n" O"Kpeqr qtcvki "t"gr gmgpv"lpvq" pcvkqpcn" utcvgi kgu." r ctvkwrtn { "kp" ctgcu"y j gtg" dgf "pgvu" ctg" rguu" ghgevxg" o c { "eqvtdkwg" vq" vj g" kpvgtwrvkqp"qh'o cmtk"t"cpuo kuukqp0

F wtkpi "vj g" f kuewukqp. "Y J Q"pqvgf "vj cv"kv"ku"ko r qt"vcpv"vq"tgeqi pk g"vj cv"t"gr gmgpv" wug" d { "kpf kxf wcn" eqwrf "rgcf "vq" c" r qukxg" r wdrie"j gcmj "ko r cev"O C" r wdrie"j gcmj "ko r cev" f qgu"pqv"tgs wkt g" c" eqo o wpk { "qt" o cu" ghgevc"cpf "ecp" ctlug" vj tqwi j "kpf kxf wcn" c"v"kp"u0

4086" Uchgv { "vqrgtcdkrf { "cpf "ghhece { "qh"v"kr ng" ctvgo kuukqp" eqo dlpvcvqp" vj g" tcr kgu" kpf kpi u" h"t"qo " Eco dqf k" cpf "Xlgv" P co

F t"Vqo "Rgv" cpf "F t" Lco gu" Ecmgt { "r t" gupvgf "O Q T W" u" t" guctej "qp" vj g" ghhece { "qh"v"kr ng" CE V" u" k" Eco dqf k" cpf "Xlgv" P co 0 Vj g" uwf { "y cu" c" o wnk" e" g" p" t" g. "qr gp/ r" d" gn" t" c" p" f" qo k" g" f" "v" k" c" i" l" v" q" cu" guu" vj g" ghhece { "uchgv { "cpf "vqrgtcdkrf { "qh"v" g" v" k" r" ng" CE V" t" v" go g" vj g" t/ n" w" o" g" h" c" p" v" t" k" p" g" - "co qf kcs wkp" g" eqo r ctgf "vq" vj g" CE V" t" v" go g" vj g" t/ n" w" o" g" h" c" p" v" t" k" p" g" l" p" v" p" e" q" o" r" i" k" e" v" g" f" P. falciparum" o cmtk" l" p" Eco dqf k" cpf "Xlgv" P co 0 C "v" q" n" q" h" 822" r" c" v" k" p" u" h" t" q" o "v" y" q" u" k" v" u" k" p" Eco dqf k" cpf "v" y" q" u" k" v" u" k" p" Xlgv" P co "t" g" e" g" k" x" g" f" "g" k" vj g" t" f" t" w" i" " eqo dlpvcvqp0 Vj g" h" p" f" k" p" i" u" k" p" f" k" e" c" v" g" f" "v" j" c" v" t" v" go g" vj g" t/ n" w" o" g" h" c" p" v" t" k" p" g" cpf " ctvgo g" vj g" t/ n" w" o" g" h" c" p" v" t" k" p" g" - " co qf kcs wkp" y" g" t" g" d" q" vj " j" k" i" j" n" { "ghhece" k" q" w" u" 0 Vj g" "q" r" v" k" p" "q" h" "g" k" vj g" t" "c" u" c" "h" t" u" v" r" k" p" g" t" g" c" v" o" g" p" v" p" g" g" f" u" "v" q" "d" g" h" w" vj g" t" "g" z" r" m" t" g" f" 0 Vj g" j" k" i" j" n" { "ghhece" { "qh"v" g" CE V" k" u" t" g" c" u" u" w" t" k" p" i" "h" t" "f" g" x" g" r" u" r" k" p" i" "v" j" g" v" t" k" r" ng" CE V" 0 C "v" t" k" r" ng" CE V" k" u" "e" w" t" t" g" p" w" { "d" g" k" p" i" " f" g" x" g" r" u" r" g" f" . " c" " e" q" r" c" e" n" e" i" g" f" " e" q" o" d" l" p" c" v" k" p" " q" h" " c" t" v" go g" vj g" t/ n" w" o" g" h" c" p" v" t" k" p" g" - " co qf kcs wkp" g" c" i" t" g" c" f" { "g" z" k" u" u" 0

4087" Vj g" T" gi kqpcn" C" t" v" go kuukqp/ t" g" u" k" u" c" p" e" g" "k" k" k" v" k" g" u" T" C" K" G" t" gi kqpcn" eqo r qpgpv" q" r" g" t" c" v" k" p" c" n" t" g" u" g" t" e" j" "r" c" e" n" e" i" g" "

O t" O" c" w" g" q" F" go d" g" e" j" . "T" C" K" T" gi kqpcn" U" s" g" t" k" p" i" "E" q" o" o" k" w" g" g" "U" g" e" t" g" v" t" k" v" . "r" t" g" u" p" v" g" f" "v" j" g" "T" C" K" G" t" gi kqpcn" eqo r qpgpv" q" r" g" t" c" v" k" p" c" n" t" g" u" g" t" e" j" " r" c" e" n" e" i" g" " h" t" " vj g" " w" r" e" q" o" k" p" i" " h" w" p" f" k" p" i" " c" m" q" e" c" v" k" p" " *424364245+0" O t" F" go d" g" e" j" "p" q" v" g" f" "v" j" c" v" "v" j" g" t" g" u" g" t" e" j" "r" t" k" t" k" v" { "q" r" k" e" u" "y" k" vj " c" m" q" e" c" v" g" f" "h" w" p" f" k" p" i" " c" t" g" < "k" " l" p" v" g" i" t" c" v" k" p" " c" p" f" " u" u" w" c" l" p" c" d" k" r" k" v" { "k" e" " v" g" u" k" p" i" " c" p" f" " t" c" f" l" e" c" n" e" w" t" g" " h" t" " P. vivax, "k" k" " g" x" c" m" v" k" p" i" " q" r" w" o" c" n" " v" q" n" i" h" t" " x" g" e" v" t" " e" q" p" t" q" n" " c" p" f" " k" x" + " vj g" ghgevxg" p" g" u" u" q" h" " c" p" f" " c" n" g" t" p" c" v" k" g" u" " vj g" 3/5/9" u" t" c" v" g" i" { "k" p" " vj g" I O U 0

3. CONCLUSIONS AND RECOMMENDATIONS

508" Eqpenwukapu"

F t" Vwugq" vj c" p" n" g" f" "v" j" g" I O U" e" q" w" p" t" { "r" c" t" v" k" e" r" c" p" u" . "r" t" g" u" p" v" g" t" u" . "t" g" u" g" t" e" j" g" t" u" . "f" q" p" q" t" u" " c" p" f" " r" c" t" v" p" g" t" u" " h" t" " vj g" k" t" " eqo o g" p" u" " c" p" f" " u" w" r" q" t" v" 0 J" g" " u" w" o" o" c" t" k" g" f" " vj g" " o" c" l" p" " r" q" l" p" u" " h" t" q" o" " c" m" i" vj g" " r" t" g" u" p" v" c" v" k" p" u" " c" p" f" " g" p" e" q" w" t" c" i" g" f" " P O Ru" " c" p" f" " r" c" t" v" p" g" t" u" " v" q" " w" u" g" " vj g" " h" p" f" k" p" i" u" " v" q" " e" q" p" v" k" p" w" g" " v" q" " f" g" h" k" p" g" " q" r" w" o" c" n" " c" p" f" " u" u" w" c" l" p" c" d" r" g" " c" r" r" t" q" e" j" g" u" " h" t" " o" c" m" t" k" " r" t" g" x" g" p" v" k" p" . " f" k" i" p" q" u" k" i" " c" p" f" " t" g" c" v" o" g" p" v" " c" p" f" " c" e" e" g" n" t" c" v" g" " vj g" " t" c" p" u" k" i" q" p" " h" t" q" o" " o" c" m" t" k" " e" q" p" t" q" n" " v" q" g" r" i" k" o" k" p" c" v" k" p" 0

504" Tgego o gpf cvkpu"

5048" Tgego o gpf cvkpu" h" t" O" go d" g" t" " U" c" v" g" u" "

P O Ru" c" t" g" " g" p" e" q" w" t" c" i" g" f" " v" q" " u" t" g" p" i" vj g" p" q" t" " t" g" c" e" v" k" c" v" g" " b" o" c" m" t" k" " q" r" g" t" c" v" k" p" c" n" t" g" u" g" t" e" j" " e" q" o" o" k" w" g" u" " c" v" vj g" " g" " e" q" w" p" t" { " r" g" x" g" r" u" r" " v" q" " f" g" h" k" p" g" " t" g" u" g" t" e" j" " r" t" k" t" k" k" g" u" " c" p" f" " g" u" v" c" d" i" k" vj " c" p" " q" r" g" t" c" v" k" p" c" n" t" g" u" g" t" e" j" " c" i" g" p" f" c" " vj c" v" c" f" f" t" g" u" g" u" " vj g" " f" { " p" c" o" k" e" " e" j" c" m" g" p" i" g" u" " g" p" e" q" w" p" v" g" t" g" f" " q" p" " vj g" r" c" vj " v" q" " b" o" c" m" t" k" " g" r" i" k" o" k" p" c" v" k" p" 0

Rtqi tco o g'ci gpf c

F cvg"cpf "Vlo g"	Ci gpf c"	Ur gcngt lu'
Vvguf c{.46"P qxgo dgt"4242"		
Qr gplpi "Egtgo qp{"		
35-22/35-32"	Y greqo g'cf f tguu'ltqo "Y T'Eco dqf kc"	F t'Nk'ckrep"
3502/3507"	Qdlgevkgu'qh'yj g'o ggkpi " P qo kpcvkqp'qh'ej ckt."o qf gtcvqt"cpf "i tqwr "r j qvq"	F t'Nwelcpq"Vwugq""
35-37/35-52"	Cp"wr f cvg"qp"vj g'f gxrqr o gpv'qh'o crctkc" grko kpcvkqp"i wkf grkpgu"	F t'Mko dgtq{ 'C'pp'Nkpf dmf g"
Uguukqp"3<O cuu'F twi "Cf o kpkutcvkqp'kp"vj g'eqpvz'v'qh'I O U'eqwptkgu."Vcti gv'F twi "" Cf o kpkutcvkqp'cpf "Hqtguv'O crctkc'Rtqr j { rzkui"		
35-52/36-22"	Vcti gv'kpi "j ki j /tkunr qr wrvkpu'y kj "gpj cpegf " tgcvekxg'ecug'f gvgevkqp<c"uwf { "q"cuuguu"vj g" ghgevkgpguu'cpf "hgculdkkx{ "hqt"t'gf velpi " <i>Plasmodium falciparum</i> "cpf " <i>Plasmodium vivax</i> " o crctkc'kp"Uqwj gtp"Ncq"RGQRNGØ" F GO QETCVKË TGRWDNË"cpf "Vj ckrepf "	Wpkxgtukx{ "qh'Ecdhqtplc."" Ucp'Htcepeueq"*WEUH" *F t'Vlo qj { 'R'Hkpp+ "
36-22/36-52"	O kpo k kpi "vj g'tkun'qh'o crctkc"co qpi "hqtguv'i qgtu" kp"vj g'I tgevgt'O gnappi "uwdtgi kqp<C"t'cpf qo k gf " eqpvtqmgf "t'kcn"vq"guvko cvg"vj g'ghhece{"cpf " hgculdkkx{ "qh'c'hqtguv'o crctkc'r tqr j { rzkui"qxgt"qpg" o qpj "	O cj kf qn'Qzhqtf "Vtqr lecn' O gf lekpg'Tgugctej "Wpk" *O QTW+ " *Rtqh'Tlej ctf "O cwf g+ "
3602/3702" "	Vj g'lo rcev'qh'vcti gv'f "o crctkc"grko kpcvkqp'y kj " o cuu'f twi "cf o kpkutcvkqp'uq" <i>Plasmodium</i> <i>falciparum</i> "o crctkc'kp"Uqwj gcuv'Cuk<c"enwvgt" t'cpf qo k gf "t'kcn'	O cj kf qn'Qzhqtf "Vtqr lecn' O gf lekpg'Tgugctej "Wpk" *O QTW+ " *F t'Nqtgpl "xqp"Ugk rglp+ "
3702/3707"	EqhggIVgc"Dtgcni*37o p+ "	"
37-37/37-67"	F gr m{ o gpv'qh'o crctkc"grko kpcvkqp'kpvtxgpvkpu'kp" j ki j 'tkun'lo k'kct { 'r qr wrvkpu-ej cmgpi gu'cpf "pgy " qr r qtwpkkgu"	Cto gf "Hqtegu'Tgugctej " Kpukwag'qh'O gf lecn'Uelgpegu" *CHTKO U+ " *F t'O ctkwui "Y qlpctunk+ "
37-67/38-37" " "	Y knlxgto gev'p'o cuu'f twi "cf o kpkutcvkqp"j gr " grko kpcvkpi "t'gukf wcn'o crctkc'kp"i tgevgt'O gnappi " uwdtgi kqp"	Cto gf "Hqtegu'Tgugctej " Kpukwag'qh'O gf lecn'Uelgpegu" *CHTKO U+Hkewm "qh'Vtqr lecn' O gf lekpg" *F t'Mgxkp'Mqd rkpunk+ "
Uguukqp"4<Tcf lecn'Ewtg'hqt"R0Xkxcz"*Vguvpi "cpf "Eqo o wpmx{ "Ngxgn'K6 r ngo gpv'kqp+ "		
38-37/38-67"	Ghgevkgpguu'qh'p'qxgnr r tqcej gu"vq"t'cf lecn'ewt g" y kj "chgpqs wkp"cpf "r tko cs wkp""	O gpl kgu'Uej qqn'qh'J gcnj " Tgugctej "" *Rtqh'Tle'Rtleq+ "
38-67/39-22"	K6 r ngo gpv'kqp'cpf "gxcn'cvkqp'qh'c"o qf gr'qh'ect g" qh'I mequg/8/Rj qur j cvg'F gj { f tqi gpcug'cev'kxk{ " vguvpi "cpf "r tko cs wkp"hgq'Rruo qf kwo "xkxcz" t'cf lecn'ewt g'kp"Eco dqf kc"cpf "*XK VCTE"uwf { + "	Vj g'Egpgt'hqt"J gcnj "cpf " Uqekni'F gxrqr o gpv"*J UF + " Eco dqf kc'IVj g'Nqpf qp" Uej qqn'qh'J { i kpg{ " Vtqr lecn'O gf lekpg"*NUJ VO + " *Rtqh'Uj wpo c{ 'I gwpi + "

39-22/39-37"	Tgcevkxg"cpf "r tqcevkxg"ecug"f gvgevkp"htq "j g" grko kpcvkqp"qh'o crctkc"kp"Eco dqf kc"htqgu"i qgtu" *RCEGU"uwf { +"	Vj g'Egpgvt"htq"J gcmj "cpf " UqekcnF gxnqr o gpv"*J UF +" Eco dqf kc IVj g"Nqpf qp" Uej qqn'qh"J { i kpgg"(" Vtqr lecn'O gf lekpg"*NUJ VO +" *Rtqh'Uj wpo c { 'I gwpi +"
39-37/39-67"	Wkrlj kpi "gzkukpi "vqnu'htq "Rruo qf kwo "xkcz" grko kpcvkqp"	Uj qnmq"O crctkc" Tgugctej "" Wpkv"*UO TW+"" *F t'E kpf { 'Ej w+ "
Y gf pguf c { . "47" P qxgo dgt "4242"		
Uguukqp "5<P gy 'O crctkc" Cpvkxgevtken" Vqqn"		
35-22/35-52"	Cuugukpi "j g'tgrvkqpj k "dgwy ggp"mpj /rcukpi " kpugevekf cn'pgv'o cvgtken'cpf "mpj /rcukpi " kpugevekf cn'pgv'wuci g'lp'O { cpo ct'cpf 'Eco dqf kc"	Rqr wrcvkp"Ugtxlegu" Kpvtpevkqpcn"*RUK'O { cpo ct" *F t'Uk'Vj w'Vj gkp+ "
35-52/36-22"	O { cpo ct' Rlxcvg"Ugevt "Cpvko crctkc"Qwrgv" Uwtxg{ "423; " "	Rqr wrcvkp"Ugtxlegu" Kpvtpevkqpcn"*RUK'O { cpo ct" *F t' I g'M{ cy 'Cwpi + "
Uguukqp "6<J gcmj "U{ ugo "Ut gpi vj gpkpi <Kpvi tevkp"qh'O crctkc"Eqo o wpkv{ "J gcmj "Y qtngtu"		
36-22/36-52"	Qr vko cn'eqo o wpkv{/f grkxgtgf "o crctkc" grko kpcvkqp"o qf gnu'htq "j g'I tgcvtg'O gnapi " uwdtgi kqp"	Dwtpgv'Kpukwgg" *F t'Y kp"J cp"Qq+ "
Uguukqp "7<Uwtxgkmppeg"cpf "O crctkc"Grko kpcvkqp"		
36-52/37-22"	Wukpi "j ki j n{/ugpukxg'tcr k' f kci pquke"vguu" eqo r ctgf "v'eqpvtqn'htq'tgf wekpi "j g'j gcmj " egpgvt"ecvej o gpv"cpf "xkrci g/rxgnr'tgxcnpeg" cpf "kpekf gpeg"qh'Plasmodium falciparum"co qpi " xkrci g'tgukf gpw'cpf "o qdkg"cpf "o ki tcpv'cpf " qj gt"j ki j /tkunr qr wrcvkpu'kp'Ej co r cucn' Rtqxkpeg. "uqwj gtp"Ncq'Rgqr rga'F go qetevke" Tgr wdrke"	Wpkxgtukv{ "qh'Ecrkhtpkc. "" Ucp'Htcepekueq"*WEUH+ " *F t'Vko qj { 'R'Hkpp+ "
37-22/37-37"	EqhhggIVgc'Dtgcni*37o p+ "	"
37-37/37-67"	Gpxktqpo gpv'cpcn{ uku'cpf "uwtxgkmppeg"vq" ko r tqxg'o crctkc"grko kpcvkqp"utcvgi kgu" *GCUKO GU+ "	Uj qnmq"O crctkc" Tgugctej " Wpkv"*UO TW+ " *F t'Hqtkcp'I kqpf I'F t'Iqtf k' Ncpf kgt+ "
37-67/38-37"	Ghgevkxgpguu"qh'tgr gmgpv'f grkxgtgf "d{ "xkrci g" j gcmj "xqmpvggtu'lp'O { cpo ct"	Dwtpgv'Kpukwgg" *Rtqh'Hg{ c'Hy ngu+ "
38-37/38-52"	Uchgv{ . "vqrgtcdkrlv{ . "cpf "ghhece{ "qh'Vtkr ng" Ctvgokuklp"Ego dkpcvkqp"Vj gter kgu<hkp'kpi u" htqo "Eco dqf kc"cpf "Xkypco " "	O cj kf qn'Qzhtf "Vtqr lecn' O gf lekpg" Tgugctej "Wpkv" *O QTW+ " *F t'Vqo "Rgvq IF t' Lco gu" Ecngt { + "
"	Vj g" Tgi kqpcn' Ctvgokuklp/ tguwvpeg" Kpukcvkxgou" TC K G' tgi kqpcn' eqo r qpgpv'qr gtcvkqpcn' t gugctej " r cemei g"	Tgi kqpcn' Uggtpi " Eqo o kvgg' ugetgvctkv" *O t' O cvgq' F go dgej + "
Eqpenwukqp"cpf "Erqkpi "		
38-52/38-72"	Eqpenwukqpu"	F t' Nwekcpq" Vwugq" *Y J Q+ "
38-72/39-22"	Erqkpi "Tgo ctmi"	Ej ckt' qh'j g' o ggkpi "

List of participants, temporary advisers, representatives, international partners and Secretariat

COUNTRY PARTICIPANTS

F t'Ej gc'J wej .F gr w{ 'F kt gevqt .P cvkqpcn'Egpgvt'g'ht'Gpvqo qmji { 'cpf 'Rctcukqmqi { 'Eqpvtqn'P Å 594.'Rtgcj 'O qpkxqpi . 'eqtpgt'Utggv'544.'Rj pqo 'Rgpj . 'Eco df qf kc."go ckn'j wej tpo B i o cktqo "

Rtqh'Ngn'F { uqng{ .F gr w{ 'F kt gevqt .P cvkqpcn'Egpgvt'g'ht'Gpvqo qmji { 'cpf 'Rctcukqmqi { 'Eqpvtqn'P Å 594.'Rtgcj 'O qpkxqpi . 'eqtpgt'Utggv'544.'Rj pqo 'Rgpj . 'Eco df qf kc."go ckn' uqng{ epo B i o cktqo "

F t'Uk'Uqxcppctqj . "Ej kgh'qh'Vgej plecn'Dwtgcw.'P cvkqpcn'Egpgvt'g'ht'Gpvqo qmji { 'cpf 'Rctcukqmqi { " Eqpvtqn'P Å594.'Rtgcj 'O qpkxqpi . 'eqtpgt'Utggv'544.'Rj pqo 'Rgpj . 'Eco df qf kc."go ckn' " ukxuqxcppctqj uB i o cktqo "

Rtqhguaqt'Zkq'P kpi .F gr w{ 'F kt gevqt'qh'P cvkqpcn'kpukswg'qh'Rctcukle'F kugcugu.'Ej kpgug'Egpgvt' hqt'F kugcug'Eqpvtqn'cpf 'Rt'gxgpvqap.'8'Zk' wcp'Tqcf . 'Uko cq'F kntlev.'Rwgt.'[wppcp'887222.'R0Ej Ej kpc."go ckn' "zkcqkpi B plr f t j kpc ef e t p "

F t'Zk' \ j ki wk'Tgugctej gt lEj kgh'qh'O crtk'F gr ctvo gpv.'P cvkqpcn'kpukswg'qh'Rctcukle'F kugcugu." Ej kpgug'Egpgvt' hqt'F kugcug'Eqpvtqn'cpf 'Rt'gxgpvqap.'8'Zk' wcp'Tqcf . 'Uko cq'F kntlev.'Rwgt.'[wppcp' 887222.'R0Ej kpc."go ckn'zkc i B plr f t j kpc ef e t p "

F t'J wpi 'Hpi . 'Tgugctej gt'qh'P cvkqpcn'kpukswg'qh'Rctcukle'F kugcugu.'Ej kpgug'Egpgvt' hqt'F kugcug' Eqpvtqn'cpf 'Rt'gxgpvqap.'8'Zk' wcp'Tqcf . 'Uko cq'F kntlev.'Rwgt.'[wppcp'887222.'R0Ej kpc."go ckn' j wpi hpi B plr f t j kpc ef e t p "

F t' [k'Ucpj ck'Tgugctej gt'qh'P cvkqpcn'kpukswg'qh'Rctcukle'F kugcugu.'Ej kpgug'Egpgvt' hqt'F kugcug' Eqpvtqn'cpf 'Rt'gxgpvqap.'8'Zk' wcp'Tqcf . 'Uko cq'F kntlev.'Rwgt.'[wppcp'887222.'R0Ej kpc."go ckn' { k l j B plr f t j kpc ef e t p "

F t' \ j qw'Zkpi y w.'Cuuqekvg'Tgugctej gt.'[wppcp'kpukswg'qh'Rctcukle'F kugcugu.'8'Zk' wcp'Tqcf . " Uko cq'F kntlev.'Rwgt.'[wppcp'887222.'R0Ej kpc."go ckn' \ j qwazkpi y wB s s t qo "

F t'Dqwrco 'Mj co mqo g.'F gr w{ 'F kt gevqt'qh'ERO G.'Egpgvt'g'ht'O crtk.'Rctcukqmqi { 'cpf " Gpvqo qmji { . 'P Å587.'Wpk'44.'F qpi F qn'xkmi g.'Zc{ vj cp{ 'f kntlev.'Xl'gpv'kcp'g.'Ncq'Rgqr ngau' F go qetcvle'Tgr wdrle."go ckn' f tdqwrco mj co mqo gB i o cktqo "

F t'Mgqdqwrj crj qpg'Mgqej kpf c.'J gcf'qh'O crtk'F kci puku'cpf 'Vtgcvo gpv.'Egpgvt'g'ht'O crtk." Rctcukqmqi { 'cpf 'Gpvqo qmji { . 'P Å587.'Wpk'44.'F qpi F qn'xkmi g.'Zc{ vj cp{ 'f kntlev.'Xl'gpv'kcp'g." Ncq'Rgqr ngau'F go qetcvle'Tgr wdrle."go ckn'Ej kpf c29B i o cktqo "

F t'Uqpu{ 'Qwpnj co . 'O (G'Vgej plecn'Qh'leg.'Egpgvt'g'ht'O crtk.'Rctcukqmqi { 'cpf 'Gpvqo qmji { . " P Å587.'Wpk'44.'F qpi F qn'xkmi g.'Zc{ vj cp{ 'f kntlev.'Xl'gpv'kcp'g.'Ncq'Rgqr ngau'F go qetcvle' Tgr wdrle."go ckn' uqpguc{ nB { cj qq t qo "

F t'Rj qwpcmqpi 'Xkr{ . 'Xleg'J gcf . 'O crtk'Uwt'xg'krc'peg'Wpk.'Egpgvt'g'ht'O crtk.'Rctcukqmqi { 'cpf " Gpvqo qmji { . 'P Å587.'Wpk'44.'F qpi F qn'xkmi g.'Zc{ vj cp{ 'f kntlev.'Xl'gpv'kcp'g.'Ncq'Rgqr ngau' F go qetcvle'Tgr wdrle."go ckn' r j qwpcmqpi xkr{ B i o cktqo "

F t'Mc{ 'Vj y gn'J cp.'F gr w{ 'F kt gevqt .F gr ctvo gpv'qh'O gf lecn'Tgugctej . 'Qh'leg'P q06 . 'P c{ 'R{ k'Vcy . " O { cpo ct."go ckn' f t n e { vj y gj cpB { cj qq t qo "

F t'Y l'p'Vj {q'Vj cp.'F k'gevt.'Rtqi tco o g'O cpci gt.'O cmtk.'Qhleg'P q06.'P c{'R{k'VeY ." O {cpo ct.'go ckr'y l'p'Vj {q'Vj cpB i o ckr'eqo "

F t'O qg'M{cy 'O {lpv.'F k'gevt.'F gr ctvo gpv'qh'O gf lecnT gugctej "R{lp'Qq'Ny lp'Dtcpej +.'Qhleg' P q06.'P c{'R{k'VeY .'O {cpo ct.'go ckr'f t0 {lpvo qgm{cy B i o ckr'eqo "

F t'C wpi 'Vj k'F k'gevt'XDFE.'P cvkqpcn'O cmtk'Rt'gxgpv'q'cpf 'Eqpvtqn'Rtqi tco .'F gr ctvo gpv'qh' Rwdrl'e'J gcnj .Qhleg'P q06.'P c{'R{k'VeY .'O {cpo ct.'go ckr'c'wpi y k2: B i o ckr'eqo ""

F t'M{cy v'O qp'Y l'p.'Cuuk'ncpv'F k'gevt.'P cvkqpcn'O cmtk'Rt'gxgpv'q'cpf 'Eqpvtqn'Rtqi tco ." F gr ctvo gpv'qh'Rwdrl'e'J gcnj .Qhleg'P q06.'P c{'R{k'VeY .'O {cpo ct.'go ckr' m{cy vo qpy l'pB i o ckr'eqo "

F t'Ej ggy cpcp'Ngt'v'ktk'cuwy cv.'F k'gevt.'F k'kuk'q'qh'X'gevt'Dqtpg'F kugcugu.'F gr ctvo gpv'qh' F kugcug'Eqpvtqn'O l'p'k'k'q'qh'Rwdrl'e'J gcnj .": : 43'V'c'rf'ny cp'Uwd/f'k'ut'lev.'O w'c'pi 'F k'ut'lev.' P q'p'y'cd'w'k'Vj'c'k'p'f.'go ckr'ej ggy cpcprB i o ckr'eqo "

F t'F ct'k'p'Ct'g'g'ej'q'ne'j'c'k'O'g'f'le'cn'Rj {u'le'k'p.'Gzr'gt'v'Ngx'gn'F k'kuk'q'qh'X'gevt'Dqtpg'F kugcugu." F gr ctvo gpv'qh'F kugcug'Eqpvtqn'O l'p'k'k'q'qh'Rwdrl'e'J gcnj .": : 43'V'c'rf'ny cp'Uwd/f'k'ut'lev.'O w'c'pi " F k'ut'lev.'P q'p'y'cd'w'k'Vj'c'k'p'f.'go ckr't'k'p'h'g'v' B i o ckr'eqo "

F t'T'w'p'i't'c'y'g'g'V'k'r'o'q'p'v'g'g.'Rwdrl'e'J gcnj 'V'g'ej'p'le'cn'Qh'leg't.'U'g'p'k'q't'Rt'q'h'g'u'k'q'p'c'n'N'g'x'g'n'F k'kuk'q'qh' X'gevt'Dqtpg'F kugcugu.'F gr ctvo gpv'qh'F kugcug'Eqpvtqn'O l'p'k'k'q'qh'Rwdrl'e'J gcnj .": : 43' V'c'rf'ny cp'Uwd/f'k'ut'lev.'O w'c'pi 'F k'ut'lev.'P q'p'y'cd'w'k'Vj'c'k'p'f.'go ckr't'v'r'o'q'p'v'g'g'B i o ckr'eqo "

F t'P i w'f'g'p'S w'c'p'i 'Vj'k'g'w.'X'leg'F k'gevt'qh'P'K'O'R'G.'P cvkqpcn'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { " c'p'f'G'p'v'q'o'q'm'i {.'467'N'w'q'p'i 'Vj'g'X'k'p'j'U't'g'g'v.'P'c'o 'V'w'N'l'g'o 'F k'ut'lev.'J'c'p'q'k'X'k'g'v'P'c'o .'go ckr' y'k'g'w'p's B i o ckr'eqo "

F t'P i q'F w'e'Vj'c'p'i .J'g'c'f'q'h'G'r'k'f'g'o'k'q'm'i { 'F gr ctvo gpv.'P cvkqpcn'k'p'uk'w'g'qh'O c'rt'k'q'm'i {." R'c't'c'uk'q'm'i { 'c'p'f'G'p'v'q'o'q'm'i {.'467'N'w'q'p'i 'Vj'g'X'k'p'j'U't'g'g'v.'P'c'o 'V'w'N'l'g'o 'F k'ut'lev.'J'c'p'q'k'X'k'g'v' P'c'o .'go ckr'y'c'p'i'p'l'o'r'g'x'p'B {c'j'q'q'eqo "

F t'J w'f'p'j'J'q'p'i 'S w'c'p'i .X'leg'F k'gevt.'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { 'c'p'f'G'p'v'q'o'q'm'i {." S w'f'P'j'q'p.'6: 5'P i w'f'g'p'Vj'c'k'J'q'e'w't'g'g'v.'S w'f'P'j'q'p'Ek'f'.'D'k'p'j'F'k'p'j'r't'q'x'k'p'eg.'X'k'g'v'P'c'o .'go ckr' y'c'p'i'p'l'o'r'g'x'p'B {c'j'q'q'eqo "

F t'P i w'f'g'p'Vj'k'f'g'p'j'J'g'c'f'q'h'R'c'p'p'l'p'i 'F gr ctvo gpv.'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { 'c'p'f' " G'p'v'q'o'q'm'i {.'8: ; 'V't'c'p'J'w'p'i 'F'c'q.'Y'c't'f'3.'F k'ut'lev'7.'J'q'E'j'K'O'k'p'j' 'E'k'f'.'X'k'g'v'P'c'o .'go ckr' p'i'w'f'g'p'j'k'f'g'p'j'g'p'0'ej'e'B i o ckr'eqo "

O t'V't'c'p'S w'c'p'i 'X'w'J'g'c'f'q'h'R'c'p'p'l'p'i 'F gr ctvo gpv.'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { 'c'p'f' " G'p'v'q'o'q'm'i {.'8: ; 'V't'c'p'J'w'p'i 'F'c'q.'Y'c't'f'3.'F k'ut'lev'7.'J'q'E'j'K'O'k'p'j' 'E'k'f'.'X'k'g'v'P'c'o .'go ckr' v't'c'p's w'c'p'i'x'w'3'B i o ckr'eqo "

O u'P i w'f'g'p'Vj'k'f'g'p'j'J'g'c'f'q'h'R'c'p'p'l'p'i 'F gr ctvo gpv.'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { 'c'p'f' " G'p'v'q'o'q'm'i {.'8: ; 'V't'c'p'J'w'p'i 'F'c'q.'Y'c't'f'3.'F k'ut'lev'7.'J'q'E'j'K'O'k'p'j' 'E'k'f'.'X'k'g'v'P'c'o .'go ckr' r'j'c'o'f'k'p'j'39: B i o ckr'eqo "

O u'P i w'f'g'p'X'c'p'J'q'c'p'J'g'c'f'q'h'R'c'p'p'l'p'i 'F gr ctvo gpv.'k'p'uk'w'g'qh'O c'rt'k'q'm'i {.'R'c't'c'uk'q'm'i { 'c'p'f' " G'p'v'q'o'q'm'i {.'8: ; 'V't'c'p'J'w'p'i 'F'c'q.'Y'c't'f'3.'F k'ut'lev'7.'J'q'E'j'K'O'k'p'j' 'E'k'f'.'X'k'g'v'P'c'o .'go ckr' p'i'w'f'g'p'j'q'c'p'46: B {c'j'q'q'eqo "

REPRESENTATIVES

F t'Lqpcvj cp'Eqz.'Ugplqt'Rtqi tco 'Qhleg.'O crtkc.'I mdcn'J gcnj 'Rtqi tco .'662'7j 'Cxxg'P 0'Ugcwrg." Y C"; : 32; .Y cuj kpi vqp.'WUC.'go ckn'lqpcvj cp@eqzB i cvguhwpf cvkqp@titi "

F t'Tkf c'Uqv.'Rtqlgev'O cpci go gpv'Ur gekrkuv*'O crtkc.'Qhleg'qh'Rwdrke'J gcnj 'cpf 'Gf wecvkqp." WUC'F/Eco dqf kc.'Co gtkecp'Go dcau{.'%8.'Utggv'; 8.'Ucpi nev'Y cv'Rj pqo .'Mj cp'F cwp'Rgpj .'Rj pqo " Rgpj .'Eco dqf kc."go ckn'tumvB wuckf @ qx"

F t'O lej cgn'Vj ki r gp.'Ecr vcp.'WU'Rwdrke'J gcnj 'Ugtxleg.'Tgukf gpv'cf xluqt.'Qhleg'qh'Rwdrke'J gcnj " cpf 'Gf wecvkqp.'Co gtkecp'Go dcau{.'%8.'Utggv'; 8.'Ucpi nev'Y cv'Rj pqo .'Mj cp'F cwp'Rgpj .'Rj pqo " Rgpj .'Eco dqf kc."go ckn'o vj ki r gpB wuckf @ qx"

F t'Ngppc'P gcv'Ctapi q.'Tgukf gpv'cf xluqt.'Qhleg'qh'Rwdrke'J gcnj 'cpf 'Gf wecvkqp.'Co gtkecp" Go dcau{.'%8.'Utggv'; 8.'Ucpi nev'Y cv'Rj pqo .'Mj cp'F cwp'Rgpj .'Rj pqo 'Rgpj .'Eco dqf kc."go ckn' rpgcvB wuckf @ qx"

F t'Uccf'Gn'F kp'J cuucp.'Tgukf gpv'cf xluqt.'Qhleg'qh'Rwdrke'J gcnj 'cpf 'Gf wecvkqp.'Co gtkecp" Go dcau{.'%8.'Utggv'; 8.'Ucpi nev'Y cv'Rj pqo .'Mj cp'F cwp'Rgpj .'Rj pqo 'Rgpj .'Eco dqf kc."go ckn' uj cuucpB wuckf @ qx"

F t'P w'P w'Mj kp.'Rtqlgev'O cpci go gpv'Ur gekrkuv*'J gcnj 'Rtqi tco 'O cpci gt+.'WUORt'gukf gpv'u'O crtkc'" kpkkvxg*'RO K.'I mdcn'J gcnj 'Ugewtkf.'Co gtkecp'Go dcau{.'332'Wpkxgtukf 'Cxxg'pwg'Tqcf.'I cpi qp." O { cpo ct."go ckn'ppnj kpB wuckf @ qx"

F t'O ctni'O cktg.'EFE'Tgukf gpv'cf xluqt.'F kxkukqp'qh'Rctcukke'F kugcugu'cpf 'O crtkc.'Egpygt'hqt'I mdcn' j gcnj .'WUOE'gpvgtu'hqt'F kugcug'Eqpvtn'cpf 'Rt'gx'gpkqp.'Co gtkecp'Go dcau{.'332'Wpkxgtukf 'Cxxg'pwg" Tqcf.'I cpi qp.'O { cpo ct."go ckn'o o cktgB wuckf @ qx"

F t'I wpcy ctf gpc'F kuucpe{cng.'WUC'F IRO K'WUORt'gukf gpv'u'O crtkc'kpkkvxg*'RO K.'I mdcn'J gcnj " Ugewtkf.'Qhleg'qh'Rwdrke'J gcnj .'WUC'F I'Dwto c.'332'Wpkxgtukf 'Cxxg'pwg'Tqcf.'I cpi qp.'O { cpo ct." go ckn'i f kuucpe{cngB wuckf @ qx"

F t'F cxf'Ukpvucvj .'Tgukf gpv'cf xluqt'hqt'O crtkc.'Tgi kqpcn'F gxxgr o gpv'O kuukqp'hqt'Cuk'+'TF O C+." C'j gpgg'Vqy gt.'47j 'Hhqt.'85'Y k'gruu'Tqcf.'Dcpi nqm'Vj ckrpf."go ckn'f ukpvucvj B wuckf @ qx"

O u'P k' r ctwgtcf gg'Rlp { clggtcr cv.'Rtqlgev'O cpci go gpv'Ur gekrkuv*'Rwdrke'J gcnj +.'Tgi kqpcn' F gxxgr o gpv'O kuukqp'hqt'Cuk'+'TF O C+.'C'j gpgg'Vqy gt.'47j 'Hhqt.'85'Y k'gruu'Tqcf.'Dcpi nqm" Vj ckrpf."go ckn'pr kp { clggtcr cvB wuckf @ qx"

O u'K'cumw'P' cxtkc.'Ugplqt'Hwpf 'Rqt'v'htk'Q' cpci gt.'J ki j 'K' r cev'Cuk'I tcpv'O cpci go gpv'F kxkukqp." I mdcn'J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'Uy k'j gtrcpf." go ckn'K'cumw'P cxtkcB vj gi mdcn'w'p'f @ tti "

O u'Gutgm'Ncut {.'Ugplqt'O crtkc'cf xluqt.'J ki j 'K' r cev'Cuk'I tcpv'O cpci go gpv'F kxkukqp.'I mdcn' J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'Uy k'j gtrcpf."go ckn' Gutgm'Ncut { B vj gi mdcn'w'p'f @ tti "

O u'C'ppc'Uctnkuukp.'Ugplqt'Rtqi tco 'Qhleg.'J ki j 'K' r cev'Cuk'I tcpv'O cpci go gpv'F kxkukqp.'I mdcn' J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'Uy k'j gtrcpf."go ckn' C'ppc'UctnkuukpB vj gi mdcn'w'p'f @ tti "

O u'T'qulg'Co g { cp.'Ugplqt'Rtqi tco 'Qhleg.'J ki j 'K' r cev'Cuk'I tcpv'O cpci go gpv'F kxkukqp.'I mdcn' J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'Uy k'j gtrcpf."go ckn' T'qulg'Co g { cpB vj gi mdcn'w'p'f @ tti "

"

O u'Ucpf tc'Mw| o cpqxunc.'Ugplqt'Ur gekcrkv.'Rwdrlc'J gcnj 'cpf 'O (G.'J ki j 'K r cev'Cuk'I tcpv'
O cpci go gpv'F kxkukp.'I mdcn'J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'
I gpgxc.'Uy kl gtrpf.'go ckr'Ucpf tc'Mw| o cpqxunc'B vj gi mdcn'w'pf Qti "

"

F t'F qwpi nco qp'Qgwxtc{.'J ki j 'K r cev'Cuk'I tcpv'O cpci go gpv'F kxkukp.'I mdcn'J gcnj 'Eco r wu.'
Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'Uy kl gtrpf.'go ckr'
F qwpi nco qp'Qgwxtc{B vj gi mdcn'w'pf Qti "

"

O t'Uquq'I gwcf| g.'Ur gekcrkv.'J gcnj 'Rtqf wew'O cpci go gpv.'J ki j 'K r cev'Cuk'I tcpv'O cpci go gpv'
F kxkukp.'I mdcn'J gcnj 'Eco r wu.'Ej go kp'f w'Rqo o lgt'62.'343: 'Ng'I tcpf/Uceqppgz.'I gpgxc.'
Uy kl gtrpf.'go ckr'Uquq'I gwcf| gB vj gi mdcn'w'pf Qti "

"

F t'iko "Vwmej . 'Kp'f gr gpf gpv'O qpkqt'kpi 'Rcp'gn'KO R+'Ej ckt.'TCKT gi kqpcn'Ugg'gt'kpi 'Eqo o kwgg'
Uget'gvt'kcv.'go ckr'iko wmej 2; B i o ckr'eqo "

"

F t'Ugcp'J gy kw.'Kp'f gr gpf gpv'O qpkqt'kpi 'Rcp'gn'KO R+'O go dgt.'TCKT gi kqpcn'Ugg'gt'kpi 'Eqo o kwgg'
Uget'gvt'kcv.'go ckr'ugcp'J gy kwB xdf e/equw'w'kpi eqo "

"

F t'Lces w'k'p'g'F ggp.'Kp'f gr gpf gpv'O qpkqt'kpi 'Rcp'gn'KO R+'O go dgt.'TCKT gi kqpcn'Ugg'gt'kpi "
Eqo o kwgg'Uget'gvt'kcv.'go ckr'f ggp'ices w'k'p'g'B i o ckr'eqo "

"

O t'O cwq'F go dgej . 'Vgej p'k'c'n'Qh'leg't.'P q'083/86.'Rt'g'c'j 'P q't'q'f qo 'D'x'f 0*'eq't'p'g't' "U'0528+.'U'c'p'i n'c'v'
D'q'g'w'p'i 'M'g'p'i 'M'c'p'i 'K'M'j c'p'.'E'j c'o n'c'o q't'p.'R'j p'q'o 'R'g'p'j . 'E'c'o d'q'f k'c.'go ckr'f go dgej o B y j q'k'p'v'

"

F t'H'k'c'ri'O c'p'u'q't.'J g'c'f "q'h'y'g'R't'q'i t'c'o o g'R't'k'p'c'r'n't'g'c'r'k'p'v'h'q't'V'j g'I m'c'n'c'h'w'p'f . 'W'P Q'R'U.'34"
*Q+o 'R{kj w'Ncp'g.'V'q'y p'u'j k'r . 'I c'p'i q'p.'O {c'p'o c't.'go ckr'H'k'c'ri'O B w'p'q'r u'q't'i "

"

F t'G'k'c'J c'o k'f . 'T'g'i k'q'p'c'n'U'g'p'k'q't'R't'q'i t'c'o o g.'O (G'c'p'f 'J g'c'n'j 'U{u'g'o u'Ur g'c'k'r'k'v.'W'P Q'R'U.'34'*Q+o "
R{kj w'Ncp'g.'V'q'y p'u'j k'r . 'I c'p'i q'p.'O {c'p'o c't.'go ckr'g'k'c'j B w'p'q'r u'q't'i "

"

F t'O w'j c'o o c'f 'H'c't'q'q's 'U'c'd'c'y q'q'p.'R't'q'i t'c'o o g'c'p'f 'O (G'U'r g'c'k'r'k'v.'W'P Q'R'U.'U'c'o f'g'e'j 'U'q'y g'c't'q'u'
D'x'f '*5+'E'q't'p'g't'q'h'U'j k'j c'p'q'w'n'*U't'g'g'v'496+.'E'g'p'v'g't'8'y 'H'u'q't' 'T'q'q'o '84: '3452.'R'j p'q'o 'R'g'p'j . "
E'c'o d'q'f k'c.'go ckr'h'c't'q'q's uB w'p'q'r u'q't'i "

"

F t'P'c'g'g'o 'F w't't'c'p'k'O q'j c'o o c'f . 'U'g'p'k'q't'R't'q'i t'c'o 'E'q'q't'f k'p'c'v'q't.'W'P Q'R'U.'U'c'o f'g'e'j 'U'q'y g'c't'q'u'D'x'f '*5+'
E'q't'p'g't'q'h'U'j k'j c'p'q'w'n'*U't'g'g'v'496+.'E'g'p'v'g't'8'y 'H'u'q't' 'T'q'q'o '84: '3452.'R'j p'q'o 'R'g'p'j . 'E'c'o d'q'f k'c.'go ckr'
p'c'g'g'o f B w'p'q'r u'q't'i "

"

F t'I w'P c'p'f c't'w'p'i . 'R't'q'i t'c'o 'c'p'f 'O (G'U'r g'c'k'r'k'v.'W'P Q'R'U.'Q'h'leg'q'h'y'g'T'g'u'k'f g'p'v'E'q'q't'f k'p'c'v'q't'W'P "
J q'w'g.'N'c'p'g'Z'c'p'i 'C'x'g'p'w'g.'R'Q'D'q'z '567.'X'k'g'p'k'c'p'g.'N'c'q'R'F T.'go ckr'I w'p'c'p'f c't'c'B w'p'q'r u'q't'i "

"

F t'\ cy 'Y k'p'V'w'p.'R'w'd'r'l'c'J g'c'n'j 'Q'h'leg't.'W'P Q'R'U.'34'*Q+o 'R{kj w'Ncp'g.'V'q'y p'u'j k'r . 'I c'p'i q'p.' "
O {c'p'o c't.'go ckr'I cy y k'p'v'B w'p'q'r u'q't'i "

"

F t'O k'p'O k'p'\ k'p.'O q'p'k'q't'k'p'i 'c'p'f 'G'x'c'n'c'v'k'q'p'Q'h'leg't'*O c'r't'k'c'+.'W'P Q'R'U.'34'*Q+o 'R{kj w'Ncp'g.' "
V'q'y p'u'j k'r . 'I c'p'i q'p.'O {c'p'o c't.'go ckr'O k'p\ B w'p'q'r u'q't'i "

"

F t'O {c'v'I k'N'y k'p.'R't'q'i t'c'o o g'O c'p'c'i go gpv'U'r g'c'k'r'k'v.'W'P Q'R'U.'34'*Q+o 'R{kj w'Ncp'g.'V'q'y p'u'j k'r . "
I c'p'i q'p.'O {c'p'o c't.'go ckr'o {c'v'I k'p' B w'p'q'r u'q't'i "

"

O t'R'c'v'l'c'n'i'D'g't'i o c'p.'V'g'c'o 'N'g'c'f g't'I'H'R'N'H'C'\g'c'o 'O {c'p'o c't'c'p'f 'N'c'q'R'F T.'W'p'k'24.26.28.2: .32.'N'g'x'g'r'i'
33.'V'q'y g't'3.'O {c'p'o c't'E'g'p'v'g't'V'q'y g't.'P'q'3; 4.'M'c'd'c't'C {g'R'c'i q'f'c'T'q'c'f.'D'c'j c'p'V'q'y p'u'j k'r . 'I c'p'i q'p.' "
O {c'p'o c't.'go ckr'r'c'v'l'c'n'i'o Q'lg't'i o c'p'B o o Q y e'eqo "

"

O t' Lcp' f g' Lqpi . 'NHC' Vgco ' Ngcf gt. '7: E' Uj cpqwn' Dmf . 'Ej co net' O qp. 'Rj pqo ' Rgpj . 'Eco dqf kc. " go ckn' lcp' f glqpi B r y e' lqo "

"

F t' Qtgpp' I kp| dwi . 'Hwpf' F ktgevqt. 'Ceegu' v' q' J gcnj 'Hwpf . 'WP QRU' O { cpo ct. '34' *Q+ . 'R{ k' Vj w' Ncp. " O kg. 'O c{ cpi qpg' Vqy puj kr . '33284. 'I cpi qp. 'O { cpo ct. " go ckn' qtgppi B wqqr u' lti "

"

F t' Ngk' Ngk' Uy g. 'J gcnj 'Cpcn' uv. 'Ceegu' v' q' J gcnj 'Hwpf . 'WP QRU' O { cpo ct. '34' *Q+ . 'R{ k' Vj w' Ncp. " O kg. 'O c{ cpi qpg' Vqy puj kr . '33284. 'I cpi qp. 'O { cpo ct. " go ckn' Ngk' Ngk' UB wqqr u' lti "

"

F t' O cucvuj k' P cneo wtc. 'Eqpuwncpv' qp' O crtk' Eqpvtqn' LEC. 'Ucmw' c' Vqy gt. '55; 'Dq' I { qng' Tf. " M{ cwm' c' c' Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' o pcneo wtc: : 45B i o ckn' lqo "

"

O u' Egek' k' J wi q. 'Gzgew' kxg' Eqqt' f kpcvqt. 'CEV' O crtk' Hqwpf' c' vkp. '34y' 'Hqqt' Tgi wu' Egpvtg. 'Vlo gu' Rrc' c' Dif i . 'Eqtpgt' WP "cpf' Vch' Cxgpwg. 'Gto kc. 'O cpkc. 'Rj kkr r kpgu. " go ckn' egek' nj wi qB cevo crtk' f' g' v' "

"

O u' k' guc' Dc. 'Tgi kqpcn' O crtk' O cpci gt. 'EJ CK' 9y' 'Hqqt. 'P q06; 'M{ wp' Vcy 'Utggv. 'Ucpej cwpi " Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' kdcB erkvppj gcnj ceegu' lti "

"

O u' Gxgn' p' Y qpi . 'Tgi kqpcn' Ecug' O cpci go gpv' Cf xluqt. 'EJ CK' 9y' 'Hqqt. 'P q06; 'M{ wp' Vcy 'Utggv. " Ucpej cwpi " Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' gy qpi B erkvppj gcnj ceegu' lti "

"

F t' Rv' lem' F wki cp. 'Tgi kqpcn' O ki tcvk' p' J gcnj 'Cf xluqt. 'KO . 'Telcpcneo 'Dwkr' kpi . '3: y' 'h' qqt. '3: 5" Uqwj 'Ucy qtp' Tqcf . 'Dcpi nqm' Vj ckr' pf . " go ckn' r' f wki cpB kqo l' pv' "

"

F t' O qp' v' k' k' p' n' e' j' cu' p. 'Tgi kqpcn' O ki tcvk' p' J gcnj 'Rtqi tco o g' Uwr r qtv' Qh' h' egt. 'Tgi kqpcn' O ki tcvk' p' J gcnj 'Wpk' . 'Telcpcneo 'Dwkr' kpi . '3: y' 'h' qqt. '3: 5" Uqwj 'Ucy qtp' Tqcf . 'Dcpi nqm' Vj ckr' pf . " go ckn' o k' p' n' e' j' cu' p' B kqo l' pv' "

"

F t' O { q' Ug' v' C' wpi . 'F ktgevqt/ Rtqi tco 'K' r' ngo gp' cvk' p. 'RT/ I HCVO . 'Ucxg' Vj g' Ej kf tgp' k' p' v' t' p' cvk' p' c' n' 348IC' F co c' j | gf k' T' qcf . 'Dc' j' cp' Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' O { q' Ug' v' C' wpi B ucxgy' ge' j' kf tgp' lti "

"

F t' O k' p' O k' p' Vj g' k' p. 'J gcf' qh' O crtk' . 'RT/ I HCVO . 'Ucxg' Vj g' Ej kf tgp' k' p' v' t' p' cvk' p' c' n' 348IC" F co c' j | gf k' T' qcf . 'Dc' j' cp' Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' o k' p' o' j' g' k' p' B ucxgy' ge' j' kf tgp' lti "

"

O u' M' v' t { p' T' qu' et' c' pu. 'Ug' p' k' q' t' O cpci gt. 'U' t' cv' gi' k' k' p' h' q' t' o' cvk' p. 'RT/ I HCVO . 'Ucxg' Vj g' Ej kf tgp' k' p' v' t' p' cvk' p' c' n' 348IC' F co c' j | gf k' T' qcf . 'Dc' j' cp' Vqy puj kr . 'I cpi qp. 'O { cpo ct. " go ckn' n' v' t { p' o' qu' et' c' pu' B ucxgy' ge' j' kf tgp' lti "

"

F t' N' q' t' k' p' c' O e' C' f' co . 'F ktgevqt. 'I O U' G' r' k' o' k' p' cvk' p' qh' O crtk' 'y' t' q' w' i' j' " U' w' x' g' k' m' p' e' g' *I GO U+ 'Rtqi tco . " RUK' P q08' Uj y g' I qp' V' c' k' p' i' " U' t' g' g' v' 6. " I cpi qp. 'O { cpo ct. " go ckn' m' e' c' f' co B r u' lti "

"

F t' M' g' o' k' V' g' u' h' c' | i j k' Rtqi tco 'F ktgevqt. 'I O U' G' r' k' o' k' p' cvk' p' qh' O crtk' 'y' t' q' w' i' j' " U' w' x' g' k' m' p' e' g' *I GO U+ . " RUK' P q04; . 'U' t' g' g' v' 556. 'RQ' Q' D' qz' 375. 'D' q' g' w' p' i' 'M' g' p' i' 'M' c' p' i' 'K' E' j' co net' O qp. 'Rj pqo ' Rgpj . 'Eco dqf kc. " go ckn' m' g' u' h' c' | i j k' B r u' lti "

"

O t' D' t' co 'R' k' q' v' U' g' p' k' q' t' G' x' k' f' g' p' e' g' (' O q' p' k' q' t' k' p' i' 'C' f' x' l' u' q' t' . 'P q04; . 'U' t' g' g' v' 556. 'RQ' Q' D' qz' 375. 'D' q' g' w' p' i' " M' g' p' i' 'M' c' p' i' 'K' E' j' co net' O qp. 'Rj pqo ' Rgpj . 'Eco dqf kc. " go ckn' d' r' k' q' v' B r u' lti "

"

O u' C' o' k' c' E' j' g' d' d' k' U' g' p' k' q' t' F' k' t' g' e' v' t' . 'CRO GP . '33' D' k' q' r' q' i' k' u' Y c' { . '%26/23' 124' J' g' r' i' k' u' . 'U' k' p' i' e' r' q' t' g' . " U' k' p' i' e' r' q' t' g' . " go ckn' c' e' j' g' d' d' k' B c' r' m' c' lti "

"

F t "Y c k N y k p . " J g c n j " C f x l u g t . " D t k k u j " G o d c u u { . : 2 " U t c p f " T q c f . " [c p i q p . " O { c p c o c t . " g o c k n " Y / N y k p B f h k f q x 0 w n i "

F t " R t q o d q q p " R e p k e j r c n f k " G z g e w k x g " F k t g e v t . " T c m i " V j c k H q w p f c v k q p " Q h h e g " D c p i n u m " - 884/487/8 : : . " D c p i n u m " V j c k r c p f . " g o c k n " r t q o d q q p B t c m u j c k Q t i "

O t " U j t g g j c t k C e j c t { c . " R t q l g e v O c p c i g t . " T g i k a p c n i o c m t k " E U Q " r r e v h t o . " I O U U q w j " G c u v C u k " R t q i t c o . : 9 14 " Y k t g r u u " T q c f . " 58 j " H r q t " Q h h e g " 3 : " E T E " V q y g t . " C m l u g c u a p u " R r e g . " N w o r l p k " R e v j w o y c p . " D c p i n u m " V j c k r c p f . " g o c k n " U j t g g j c t k C B c t e t g r k g h Q t i "

F t " U c k P c { " O k p " U j g k p . " V g e j p l e c n c p f " E q o o w p k e c v k p " E q q t f l p e v t . " T g i k a p c n i o c m t k " E U Q . " : 9 14 " Y k t g r u u " T q c f . " 58 j " H r q t " Q h h e g " 3 : " E T E " V q y g t . " C m l u g c u a p u " R r e g . " N w o r l p k " R e v j w o y c p . " D c p i n u m " V j c k r c p f . " g o c k n " U c k U j g k p B c t e t g r k g h Q t i "

F t " L e o g u " M " V k d g p f g t c p c . " V g e j p l e c n F k t g e v t . " O c m t k " E q u a t v k w o . " V j g I t g g p " J q w u g . " 466/476 " E c o d t k i g " J g c n j " T q c f . " N q p f q p . " G 4 " ; F C . " W p k g f " M l p i f q o . " g o c k n " l 0 k d g p f g t c p c B o c m t k e q u a t v k w o Q t i "

F t " C t e p z c " T q e c . " J g c f " q h " U w x g k m p e g . " O q p k q t k p i " c p f " G x c n w c v k p . " O c m t k " E q u a t v k w o . " N q p f q p " F g x g n r o g p v " J q w u g . " 78/86 " N g q p c t f " U t g g v " N q p f q p . " G E 4 C " 6 N V . " W p k g f " M l p i f q o . " g o c k n " c 0 q e c B o c m t k e q u a t v k w o Q t i "

F t " J v p " M i c y " V j w " V g e j p l e c n U r g e l c r k u v " O c m t k " E q u a t v k w o . " V j g I t g g p " J q w u g . " 466/476 " E c o d t k i g " J g c n j " T q c f . " N q p f q p . " G 4 " ; F C . " W p k g f " M l p i f q o . " g o c k n " j 0 j w B o c m t k e q u a t v k w o Q t i "

F t " C p p g / U q r j k g " U t c v k n " G r k f g o k q m i k u v " O c m t k " E q u a t v k w o . " V j g I t g g p " J q w u g . " 466/476 " E c o d t k i g " J g c n j " T q c f . " N q p f q p . " G 4 " ; F C . " W p k g f " M l p i f q o . " g o c k n " c 0 u t c v k n B o c m t k e q u a t v k w o Q t i "

F t " R t w f g p e g " J c o c f g . " U g p k q t " V g e j p l e c n C f x l u q t . " O c m t k " E q u a t v k w o . " V j g I t g g p " J q w u g . " 466/476 " E c o d t k i g " J g c n j " T q c f . " N q p f q p . " G 4 " ; F C . " W p k g f " M l p i f q o . " g o c k n " r 0 c o c f g B o c m t k e q u a t v k w o Q t i "

F t " O c t n i F g d c e n g t g . " O c m t k " C f x l u q t . " O c m t k " E q u a t v k w o " E c o d q f k c . " J q w u g " % 3 . " U 0 ; 7 . " D a q w p i " V t c d g n i E j c o n e t o q p . " R j p q o " R e p j . " E c o d q f k c . " g o c k n " o f g d c e n g t g B o c m t k e q u a t v k w o Q t i "

F t " N k e x g p " X g t p e g x g . " R t q i t c o o g " O c p c i g t . " O c m t k " E q u a t v k w o " E c o d q f k c . " J q w u g " % 3 . " U 0 ; 7 . " D a q w p i " V t c d g n i E j c o n e t o q p . " R j p q o " R e p j . " E c o d q f k c . " g o c k n " r 0 x g t p e g x g B o c m t k e q u a t v k w o Q t i "

F t " N q w u " f c " I c o c . " F k t g e v t . " R t l p e g u u " Q h " C h t l e c " H q w p f c v k q p . " g o c k n " r f c i c o c B i o c k r e q o "

F t " H c p n i U o k j w k u . " C u u q e k e v g " R t q h g u u q t " Q z h q t f " W p k x g t u k v . " F k t g e v t . " O g f l e c n i C e v k p " O { c p o c t " * O C O + " O { c p o c t " Q z h q t f " E r k p l e c n i T g u g c t e j " W p k " * O Q E T W + ; " [c p i q p . " O { c p o c t . " g o c k n " h c p n i U o k j w k u B i o c k r e q o "

R t q h C t l g p " O 0 F p p f q t r . " F g r w f " F k t g e v t " c p f " J g c f . " I m d c n i H w p f " T g i k a p c n i C t v g o k u k l p k " T g u k u v c p e g " k p k k c v k x g u i " T g i k a p c n i U g g t k p i " E q o o k w g g . " D c p i n u m " V j c k r c p f . " g o c k n " c t l g p B v t q r o g f t g u e "

F t " V j g v O { q " V w p . " R t q i t c o o g " O c p c i g t . " C T E . " g o c k n " V j g v B c t e t g r k g h Q t i "

F t " U r k n g " P q y c m " T g i k a p c n i C f x l u q t . " R C V J . " R Q " D q z " ; 22 ; 44 . " U g c w g . " Y C " ; : 32 ; " W U C . " g o c k n " u p q y c n B r c v j Q t i "

F t " P j w P i w f g p . " F k t g e v t " q h i m d c n i J g c n j " U g e w t k v . " R C V J . " % 3 2 3 . " 3 3 j " H r q t . " J c p q k " V q y g t u . " 6 ; " J c k " D c " V t w p i " " J q c p " M g o " F k u t l e v . " J c p q k " X l g v P c o . " g o c k n " p p i w f g p 4 B r c v j Q t i "

F t'Muj qtK'O cj cv.'F kt gevqt'qh'kphgevkqu'F kugcugu.'RCVJ .'[cpi qp.'O {cpo ct.'go ckn'
no cj cvB r cvj Qiti "

F t'Ectqrlpg'N{pej .Tgi kqpcn'cf xkuqt/'Cuk'Rcelhke.'O O X.'Dcpi nqm'Vj ckrpf .''go ckn'h{pej e/
eqpuwncpwB o o xQiti "

F t'Ky ci co k'O qtKqij k'Rctcukqmi { 'Ncdqtcvt { .''kpukswg'Rcuvgw.'Uco ugpyj ckTqcf .''Dcp'Mcq/I pqv."
Ukucwpcn'F kntlev.'RQODqz'5782.'Xkpgkcpq.'Ncq'RF T.'go ckn'ly ci co kB j qvo ckrqo "

F t'Rvtleg'Rkqr.'J gcf 'qh'Gr kf go kqmi { 'Wpk.'kpukswg'Rcuvgw.'7'Rtgcj 'O qpkxqi 'Dixf '*; 5+.'Rj pqo "
Rgpj .''Eco dqf kc.'go ckn'r r kqrB r cuvgw/nj Qiti "

F t'Dgpqk'Y knqy unk'J gcf 'qh'O crtk'O qngewrt'Gr kf go kqmi { 'Wpk.'kpukswg'Rcuvgw.'7'Rtgcj "
O qpkxqi 'Dixf '*; 5+.'Rj pqo 'Rgpj .''Eco dqf kc.'go ckn'dy knqy unkB r cuvgw/nj Qiti "

F t'Igcp'Rqr qxlek'kpukswg'Rcuvgw.'7'Rtgcj 'O qpkxqi 'Dixf '*; 5+.'Rj pqo 'Rgpj .''Eco dqf kc.'go ckn'
lr qr qxlekB r cuvgw/nj Qiti "

F t'Lwkg'Vctvei i kc.'Dwtpgv'kpukswg.'448'6j 'Hrqt.'WY kucte'Tqcf .Y k c {c'Rrc| c.'Dcj cp'Vqy puj kr "
33423.'[cpi qp.'O {cpo ct.'go ckn'lwkgVctvei i kcB dwtpgvQf wQw"

F t'Rj qpgo {kpVY kp.'Eqwpt { 'Tgr tguqpcvkg.'Dwtpgv'kpukswg.'448'6j 'Hrqt.'WY kucte"
Tqcf .Y k c {c'Rrc| c.'Dcj cp'Vqy puj kr "33423.'[cpi qp.'O {cpo ct.'go ckn'
rj qpgo {kpVY kpB dwtpgvQf wQw"

F t'Y kp'J cp'Qq.'Ugpkqt'Rtqi tco 'O cpci gt'*J gcnj 'Ugewtk{+.'Dwtpgv'kpukswg.'448'6j 'Hrqt.'W"
Y kucte'Tqcf .Y k c {c'Rrc| c.'Dcj cp'Vqy puj kr "33423.'[cpi qp.'O {cpo ct.'go ckn'
Y kp'J cp'QqB dwtpgvQf wQw"

Rtqh'Hg{c'Hqy ngu.'F gr wq 'Rtqi tco 'F kt gevqt.'O cvgtpcn'Ej kf 'cpf 'Cf qnguegpv'J gcnj .''O crtk'cpf "
kphgevkqu'F kugcug'Gr kf go kqmi { .''P J O TE'Hgmny .': 7'Ego o gtekn'Tqcf .''O gndqwtpg.'XKE"5226."
Cwutckc.'go ckn'htg{cHqy nguB dwtpgvQf wQw"

F t'Y kp'J vng.'Dwtpgv'kpukswg.'448'6j 'Hrqt.'WY kucte'Tqcf .Y k c {c'Rrc| c.'Dcj cp'Vqy puj kr "33423."
[cpi qp.'O {cpo ct.'go ckn'y kp'J vngB dwtpgvQf wQw"

O t'Vj qo cu'Eck'Eqwpt { 'F kt gevqt.'J RC.'%68.'Utggv'325.'Ucpi nev'Rj uct'F qgo 'Vj nqx.'Mj cp"
Ej co ecto qtp.'Rj pqo 'Rgpj .''Eco dqf kc.'go ckn'vckB j gcnj r qxgtv{cevkpQiti "

O t'Dcpi {wep'Y cpi .''J RC.'%68.'Utggv'325.'Ucpi nev'Rj uct'F qgo 'Vj nqx.'Mj cp'Ej co ecto qtp.'Rj pqo "
Rgpj .''Eco dqf kc.'go ckn'DOY cpi B j gcnj r qxgtv{cevkpQiti "

O t'Uqxcpcf'e'Nwp.'J RC.'%68.'Utggv'325.'Ucpi nev'Rj uct'F qgo 'Vj nqx.'Mj cp'Ej co ecto qtp.'Rj pqo "
Rgpj .''Eco dqf kc.'go ckn'uNwpB j gcnj r qxgtv{cevkpQiti "

F t'Ej tku'Eqwgt.'Ugpkqt'Tgugctej 'O cpci gt.'Uwtxgkncpeg'Tgugctej '('Tgi kqpcn'Giko kpcvkp.'Cuk"
Rcelhke'O crtk'Giko kpcvkp'kpkcvkg.'I nqcn'J gcnj 'I tqwr.'kpukswg'qh'I nqcn'J gcnj 'Uelgpegu.'772"
38j 'Utggv.'5tf 'Hrqt.'Dqz'3446.'Ucp'Hcpekeq.'WUC.'go ckn'Ej tku'EqwgtB weuQf w"

F t'Cf co 'Dgppgw.'kpukswg'qh'I nqcn'J gcnj 'Uelgpegu.'772'38j 'Utggv.'5tf 'Hrqt.'Dqz'3446.'Ucp"
Hcpekeq.'WUC.'go ckn'Cf co (DgppgwB weuQf w"

F t'Vlo qy { 'R'Hpp.'kpukswg'qh'I nqcn'J gcnj 'Uelgpegu.'772'38j 'Utggv.'5tf 'Hrqt.'Dqz'3446.'Ucp"
Hcpekeq.'WUC.'go ckn'Vlo qy { (HppB weuQf w"

F t "Kq"O wngmt. "Y GJ K"3I . "Tq { cnlRctcf g. "Rctmxkmg"XKE "5274. "O gndqwtpg. "C wwtcrk. "go ckn"
o wngmt B y gj kQf wQw"
"

F t "Uq { "V { "Mj gcpi . "F ktgevqt. "J UF . "XVTWUV"Dwkrf kpi "%32"*6vj "Hmqt+ "Utggy'32; . "O kwcr j ger "
Ucpi nev. "Rtco r kt"O gcmntc" "Mj cp. "Rj pqo "Rgpj . "Eco dqf kc. "go ckn<muq { v { B j uf eco dqf kcQti "
"

O u"Utg { "Uqr j { . "J UF . "XVTWUV"Dwkrf kpi "%32"*6vj "Hmqt+ "Utggy'32; . "O kwcr j ger "Ucpi nev. "Rtco r kt"
O gcmntc" "Mj cp. "Rj pqo "Rgpj . "Eco dqf kc. "go ckn<uqr j { B j uf eco dqf kcQti "
"

Rtqhguuqt "Uj wpo c { "I gwpi . "Vgej plecni'gzr gtvltqo "NUJ VO . "Mgr r gni'Uv. "Dmqo udwt { . "Nqpf qp" "Y E3G"
9J V. "Nqpf qp. "Wpkxgf "Mkpi f qo . "go ckn<Uj wpo c { "I gwpi B nij vo QeQm'
"

Rtqhguuqt "Tlej ctf "LO cwf g. "J gcf "qh'Gr kf go kqrj { "F gr ctvo gpv. "Hcewm { "qh'Vtqr lecn'O gf kelpg. "
O cj kf qn'Wpkxgtuk { . "Dcpi nqm" "Vj ckrpf . "go ckn<Tlej ctf B vqr o gf tguQe"
"

F t "Nqtgp { "xqp" "Ugk ngk. "Cuqekcvg" "Rtqhguuqt. "Hcewm { "qh'Vtqr lecn'O gf kelpg. "O cj kf qn'Wpkxgtuk { . "
Dcpi nqm" "Vj ckrpf . "go ckn<Nqtgp { B vqr o gf tguQe"
"

F t "Vqo "Rgv. "Eq/lpxgunki cvqt. "Hcewm { "qh'Vtqr lecn'O gf kelpg. "O cj kf qn'Wpkxgtuk { . "Xlgy'P co "dcugf +"
go ckn<Vqo B vqr o gf tguQe"
"

F t "Lco gu'Ecmt { "Eq/lpxgunki cvqt. "Hcewm { "qh'Vtqr lecn'O gf kelpg. "O cj kf qn'Wpkxgtuk { . "Xlgy'P co "
dcugf +. "go ckn<Lco gu'EB vqr o gf tguQe"
"

F t "Twr co "Vtk wtc. "Eq/lpxgunki cvqt. "Hcewm { "qh'Vtqr lecn'O gf kelpg. "O cj kf qn'Wpkxgtuk { . "Xlgy'P co "
dcugf +. "go ckn<Twr co B vqr o gf tguQe"
"

Rtqhguuqt "Hcpeqku" "P quvgp. "F ktgevqt. "UO TW. "O cj kf qn'Wpkxgtuk { . "8: 152" "Dcp" "Vqqpi " "Tqcf "%68. "
O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<HcpeqkuB vqr o gf tguQe"
"

F t "Elpf { "Ej w' "Eriplecn" "Tgugctej gt. "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "8: 152" "Dcp"
Vqqpi " "Tqcf "%68. "O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<Eej wo f B i o ckrQe qo "
"

F t "Mj kp" "O cwpi " "Ny kp. "Eqwpx { "Tgr tgugpvcxkg. "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "
8: 152" "Dcp" "Vqqpi " "Tqcf "%68. "O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<f tmj kpao i any kpB uj qnmq/wpkQe qo "
"

F t "Cwpi "O { "lpv" "Vj w. "O gf lecn" "Eqqt f kpcvt. "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "8: 152"
Dcp" "Vqqpi " "Tqcf "%68. "O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<cwpi o { "lpwj wB uj qnmq/wpkQe qo "
"

F t "Hmktcp" "I ktqpf . "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "8: 152" "Dcp" "Vqqpi " "Tqcf "%68. "
O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<HmktcpQ ktqpf B i o ckrQe qo "
"

F t "Xlpegpv" "J gtdtgygcw. "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "8: 152" "Dcp" "Vqqpi " "Tqcf "
%68. "O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<xlpegpvQ gtdtgygcwB kf Qti "
"

F t "Lqtf k'Ncpf lgt. "Uj qnmq" "O crtkc" "Tgugctej " "Wpkx. "O cj kf qn'Wpkxgtuk { . "8: 152" "Dcp" "Vqqpi " "Tqcf "%68. "
O cg" "Uqv. "Vcm" "Vj ckrpf . "go ckn<lqtf kQrpf lgtB kf Qti "
"

F t "O ctkw { "Y qlpctunk" "J gcf "qh' "Eriplecn" "Qr gtcwqpu. "Cuukwepv" "Ej lgh" "F gr ctvo gpv" "qh' "Dcevgtkcn' "cpf "
Rctcukle" "F kugcugu. "CHTKO U. "37 l8" "Tclxkj kTf 0" "Tclvj gxgg. "Rj c { "cvj ck" "Dcpi nqm" "Vj ckrpf . "go ckn<
O ctkw { "Y qlpctunkQ kb chko uQti "
"

F t "P qto cp" "E0Y cvgtu. "Eqmupgn" "O gf lecn" "Ugtxleg" "Eqtr u' "Ej lgh" "F gr ctvo gpv" "qh' "Dcevgtkcn' "cpf " "Rctcukle"
F kugcugu. "CHTKO U. "37 l8" "Tclxkj kTf 0" "Tclvj gxgg. "Rj c { "cvj ck" "Dcpi nqm" "Vj ckrpf . "go ckn<
P qto cpQY cvgtuQ kb chko uQti "
"

"

F t'Mgxkp'Mqd{ rkpunk'CHFKO U.'3718'Tclxkj k'Tf0'Tclj gxgg.'Rj c{ cvj ck'Depi nqm'Vj ckrpf . 'go ckn' Mgxkp'Mqd{ rkpunk uB chko uQti "

"

F t'J cp'Y kp'J wcv'F gr w{ 'Eqwpt{ 'F ktgevqt.'RUK'P q08'Uj y g'I qp'Vckpi 'Utggv'6.'I cpi qp." O { cpo ct.'go ckn'j y j wcvB r uko { cpo ctQti "

"

F t'Uk'Vj w'Vj gkp.'Ugpkqt'F ktgevqt.'Utcvgi le'kphqto cvkqp'F kxlukp.'RUK'P q08'Uj y g'I qp'Vckpi 'Utggv' 6.'I cpi qp.'O { cpo ct.'go ckn'ujv gkpB r uko { cpo ctQti "

"

F t'Mj ckpi 'Y ck'Y ck'Rj { q.'Rtqi tco 'O cpci gt.'RUK'P q08'Uj y g'I qp'Vckpi 'Utggv'6.'I cpi qp." O { cpo ct.'go ckn'ny y r j { qB r uko { cpo ctQti "

"

F t'Uj ctqp'Vj cpi cf wtck'Ej lgh'qh'Rctv{ . 'WUCF'Eqwptcevqt.'Dwkrf kpi '%3.'U'574.'Ucpi nev' Dgwi ngpi nepi '3.'Mj cp'Ej cpneo qp.'Rj pqo 'Rgpj . 'Eco dqf kc.'go ckn'ujv cpi cf wtckB wte/ej uQeo "

"

F t'P i wqp'Uqmno ct.'Ugpkqt'vej plecn'Ur gekcrkv.'Dwkrf kpi '%3.'U'574.'Ucpi nev'Dgwi ngpi nepi '3" Mj cp'Ej cpneo qp.'Rj pqo 'Rgpj . 'Eco dqf kc.'go ckn'puqmno ctB wte/ej uQeo "

"

Rtqhguuqt'Tle'Rtleg.'Rtqhguuqt'qh'I mqden'J gcnj . 'I mqden'cpf'Vtqr lecn'J gcnj 'F kxlukp.'O gpl kgu' Uej qqn'Qh'J gcnj 'Tgugctej . 'I RQ'Dqz'632; 8.'Ecuwctkpc.'F cty kp.'Cwutcrk.'go ckn' tleQ tlegB o gpl kguQf wQw'

"

F t'Dgpgf km'Ng{ . 'Ugpkqt'Tgugctej gt.'O gpl kgu'Uej qqn'Qh'J gcnj 'Tgugctej . 'I RQ'Dqz'632; 8." Ecuwctkpc.'F cty kp.'Cwutcrk.'go ckn'dgpgf kmQg{ B o gpl kguQf wQw'

"

F t'Mco crv'Vj tkgo gt.'Ugpkqt'Tgugctej gt.'O gpl kgu'Uej qqn'Qh'J gcnj 'Tgugctej . 'I RQ'Dqz'632; 8." Ecuwctkpc.'F cty kp.'Cwutcrk.'go ckn'neo crvQg{/vj tkgo gtB o gpl kguQf wQw'

"

O u'Ej tkvgr'xcp'f gp'Dqqi cctf . 'ES Kqqtf kpcvqt/Vvdgtewquku'cpf 'O crctk.'O gpl kgu'Uej qqn'Qh'J gcnj " Tgugctej . 'I RQ'Dqz'632; 8.'Ecuwctkpc.'F cty kp.'Cwutcrk.'go ckn' Ej tkvgr'xcpf gpDqqi cctf B o gpl kguQf wQw'

"

F t'Go kn'I tqxgu'Tgugctej gt.'O gpl kgu'Uej qqn'Qh'J gcnj 'Tgugctej . 'I RQ'Dqz'632; 8.'Ecuwctkpc." F cty kp.'Cwutcrk.'go ckn'go kn'f tqxguB o gpl kguQf wQw'

"

O u'Xctwplne'Twy cpr wtc.'O gpl kgu'Uej qqn'Qh'J gcnj 'Tgugctej . 'I RQ'Dqz'632; 8.'Ecuwctkpc.'F cty kp." Cwutcrk.'go ckn'xctwplneQwy cpr wtcB o gpl kguQf wQw'

"

"

SECRETARIAT

F t'Rgf tq'Cmpuq.'F ktgevqt.'I mqden'O crctk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r kc.'I gpgxc." Uy k' gtrpf . 'go ckn'cmquar B y j qQpv"

"

F t'Ruecn'Tkpi y cif . 'Eqqtf kpcvqt.'F twi 'Tgukwpeg'cpf 'eqwckpo gpv.'I mqden'O crctk'Rtqi tco o g." Y J Q.'42'Cxgpwg'Cr r kc.'I gpgxc."Uy k' gtrpf . 'go ckn'tkpi y cif r B y j qQpv"

"

O u'Ej ctmgw'Tcuo wuugp.'Vgej plecn'Qh'leg.'I mqden'O crctk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r kc." I gpgxc.'Uy k' gtrpf . 'go ckn'tcuo wuugpeB y j qQpv"

"

F t'Mko dgtng'Cpp'Nkpf dmf g.'Vgco 'Ngcf gt.'I mqden'O crctk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r kc." I gpgxc.'Uy k' gtrpf . 'go ckn'kpf dmf gnB y j qQpv"

"

F t'Co cpfc'Vhncp{.'Gr kf go kmqi kuv'I mdcn'O crtk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r k.'I gpgxc."
Uy k| gtrcpf.'go ckn'Vhncp{cB y j q0pv"
"

F t'NKZkq'J qpi.'Vgej plecn'Qhleg.'I mdcn'O crtk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r k.'I gpgxc."
Uy k| gtrcpf.'go ckn'rkzkcB y j q0pv"
"

F t'Cpftgc'Dquo cp.'Eqqtflpcvqt.'I mdcn'O crtk'Rtqi tco o g.'Y J Q.'42'Cxgpwg'Cr r k.'I gpgxc."
Uy k| gtrcpf.'go ckn'dquo cpcB y j q0pv"
"

F t'Lco gu'Mng{.'Vgej plecn'Qhleg.'Tgi kqpcn'Qhleg'ht'vj g'Y guvtp'Rcekle.'Y J Q.'RQ0Dqz'4; 54."
O cplnc.'Rj kkr r kpgu.'go ckn'ngng{1B y j q0pv"
"

F t'P gpc'Xcgej c.'Tgi kqpcn'cf xkuqt.'O crtk.'F gr ctvo gpv'qh'Eqo o wplecdng'F kugcugu.'Tgi kqpcn'
Qhleg'ht'Uqwj'Gcu'CuK.'Y J Q.'KR0Gucv.'O cj cwco c'I cpfj kO cti.'33224.'P gy 'F grj k'kpf k."
go ckn'xcgej cpB y j q0pv"
"

F t'O ctk'Dwqu.'Vgej plecn'Qhleg.'O crtk.'Y J Q.'.: : 42'Rgto cpgpv'Ugetgvt{'Dwrf kpi.'O kplwt{'qh'
Rwdrk'J gcnj'Vky cpqp'Tqcf'33222.'P qvj cdwtk'Vj ckrpf.'go ckn'dwqu B y j q0pv"
"

F t'F g{gt'I qr kpcvj.'O gflcn'Qhleg.'O crtk.'Y J Q.'.: : 42'Rgto cpgpv'Ugetgvt{'Dwrf kpi.'O kplwt{'
qh'Rwdrk'J gcnj'Vky cpqp'Tqcf'33222.'P qvj cdwtk'Vj ckrpf.'go ckn'i qr kpcvj f B y j q0pv"
"

F t'Dctk'Vj cr c.'Uelgvkv'O crtk'Eqvtqn.'Y J Q.'P q0625'*C3+.'Uj y g'Vcwi 'M{ct'Utggv'Dcj cp'
Vqy puj kr.'I cpi qp.'O {cpc ct.'go ckn'VJ CRCDB y j q0pv"
"

F t'O cwj gy 'Uj qtww.'O gflcn'Qhleg.'Y J Q.'347'Ucrj cpvj qpi 'Tqcf.'Wpk/7'Dcp'Ucrj cpi y qpi vck'
Ukwcpcn'F kntkv.'Xlgpvcpg.'Ncq'RF T.'go ckn'uj qtww B y j q0pv"
"

F t'Ej kucxepi 'Ej cpvj cxluqwm'Vgej plecn'Qhleg.'Y J Q.'347'Ucrj cpvj qpi 'Tqcf.'Wpk/7'Dcp'
Ucrj cpi y qpi vck'Ukwcpcn'F kntkv.'Xlgpvcpg.'Ncq'RF T.'go ckn'ej cpvj cxluqwm B y j q0pv"
"

F t'Vtcp'Eqpi 'F ck'Vgej plecn'Qhleg.'O crtk.'Y J Q.'85'Vtcp'J wpi 'F cq'Utggv.'J qcp'Mgo 'F kntkv.'
J c'P qk'Xlgv'P co.'go ckn'VtcpEqpi FB y j q0pv"
"

O u'F kpi 'Y gk'P cvkpcn'Rtqhgukqpcn'Qhleg.'Y J Q.'623'F qpi y ckF k mpo cve'Qhleg'Dwrf kpi "'45."
F qpi | j ko gpy ckF clg'Ej cq{cpi 'F kntkv.'Dgklpi.'Ej kpc.'go ckn'f kpi y B y j q0pv"
"

F t'Nvekpq'Vwugq.'O gnupi 'O crtk'Grko kpcvqp'r tqi tco o g'J wd'Eqqtflpcvqt.'O gnupi 'O crtk'
Grko kpcvqp'r tqi tco o g.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0528+.'Ucpi nev'Dqgwpi '
Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf k.'go ckn'wugqB y j q0pv"
"

O t'Tcf {'Vt{'.'Vgej plecn'Qhleg'F cvdcug'O cpci gt+.'O gnupi 'O crtk'Grko kpcvqp'r tqi tco o g.'
Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0528+.'Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'
Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf k.'go ckn't{tB y j q0pv"
"

O u'Gmf kg'Mtkpc'Leqd{'.'Eqpuwncpv.'Eqo o wplecvqp'cpf'Rtqi tco o g'O cpci go gpv'Qhleg.'
O gnupi 'O crtk'Grko kpcvqp'r tqi tco o g.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0528+.'
Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf k.'go ckn'leqd{gB y j q0pv"
"

O u'UtgfngeniMj gpi.'Cuukwpcv.'O gnupi 'O crtk'Grko kpcvqp'r tqi tco o g.'Y J Q.'P q083/86.'Rtgcj '
P qtqf qo 'Dnxf 0*eqtpgt'U0528+.'Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'
Eco dqf k.'go ckn'hj gpi uB y j q0pv"
"

F t'Igcp/qrxkgt'I wpcp.'O gflcn'Qhleg.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0528+.'
Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf k.'go ckn'
i wpcplB y j q0pv"
"

"

O u'I kwk'O cp| qpk'Eqpuwncpv.'Rtqlgev'Ur gekrkuv.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt' U0528+.'Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf kc.'go cka' i kwkO cp| qply j qB i o ckfco " "

O u'Gngp'F cj n'Eqpuwncpv.'Gr kf go kqni kuv.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0528+.' Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf kc.'go cka' gngpf cj ny j qB i o ckfco " "

O u'I wffw'Mcwt.'Eqpuwncpv.'Gr kf go kqni kuv.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0*eqtpgt'U0 528+.'Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf kc.'go cka' i wffw'ncwtO j qB i o ckfco " "

O u'E²rkpg'Ej tkncpugp/Lvej v'Eqpuwncpv.'Gr kf go kqni kuv.'Y J Q.'P q083/86.'Rtgcj 'P qtqf qo 'Dnxf 0 *eqtpgt'U0528+.'Ucpi nev'Dqgwpi 'Mgpi 'Mcp' 'K'Mj cp'Ej co nco qtp.'Rj pqo 'Rgpj .'Eco dqf kc.'go cka' egkpgcj tlwej O j qB i o ckfco " "

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