

Р†РќРЎРЎР РЈРЉРІР†РЇ

$$\begin{aligned} & \text{PrP} \gg \text{Cl} \text{ PjP} \mu \text{PrP} \ddot{\text{C}} \ddot{\text{C}} \text{PSPsPiPs} \text{ P} \cdot \text{P}^\circ \text{C} \dot{\text{I}} \text{C}, \text{PsC} \dot{\text{I}} \text{C} \dot{\text{r}} \text{PIP}^\circ \text{PSPSCl} \text{ P} \gg \text{C} - \text{PeP}^\circ \text{C} \dot{\text{I}} \text{C} \dot{\text{C}} \text{H} \text{PePsPiPs} \\ & \text{P} \cdot \text{P}^\circ \text{C} \dot{\text{I}} \text{PsP} \pm \text{C} \dot{\text{r}} \end{aligned}$$

РнЬР†РѝР•РќРђРльРў^{В®}

(PH₃YFENAX^{B®})

$$P \dot{\vee} P \in P \gg P^\circ P \Gamma:$$
$$PrC-CHC\#P^{\circ}CHPuC\#PsPIP\ddot{e}PSP^{\circ}:PjC-PePsC,,PuPSPsP\gg P^{\circ}C,Cr'PjPsC,,PuC,P\ddot{e}P\gg;$$
$$1 \text{ PeP}^\circ \text{PiC} \dot{\text{I}} \text{CrP} \gg \text{P}^\circ \text{PjC}-\text{C} \dot{\text{I}} \text{C}, \text{P} \ddot{\text{e}} \text{C}, \text{CH} \text{PjC}-\text{PePsC}, \text{PuPSPsP} \gg \text{P}^\circ \text{C}, \text{Cr} \text{PjPsC}, \text{PuC}, \text{P} \ddot{\text{e}} \text{P} \gg \text{Cr} \text{250 PjPi};$$

PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: PeC¶PµC...PjP°P»CH
PiC¶PµP¶PµP»P°C,PëPSC-P·PsPIP°PSPëP№, PiPsPIC-PrPsPS, PSP°C,C¶C-CH
PeC¶PµC¶PeP°C¶PiPuP»PsP·P°, PjP°PiPSC-CH C¶C,PµP°C¶P°C,;

$PsP \pm PsP \gg PsPSPeP^\circ$: $P \uparrow P \downarrow P \gg P^\circ C, P \ddot{e}PS$, $C-PSPrP \ddot{e}PiPsPeP^\circ C \uparrow PjC-PS$ ($P^\bullet$ 132), $C, P \ddot{e}C, P^\circ PSCr$
 $PrC-PsPeC \uparrow P \ddot{e}Pr$ ($P^\bullet$ 171), $P \cdot P^\circ P \gg C-P \cdot P^\circ PsPeC \uparrow P \ddot{e}Pr C \uparrow P \uparrow C \uparrow PIPsPSP \ddot{e}PN_e$
 ($P^\bullet$ 172), $P \cdot P^\circ P \gg C-P \cdot P^\circ PsPeC \uparrow P \ddot{e}Pr P \uparrow PsPIC, P \ddot{e}PN_e$ ($P^\bullet$ 172).

Р>С-РєР°СђСѓСђРєР° С,,РѕСђРјР°Р°. РљР°РјРјСѓСѓСѓР»Рє С,РІРµСђРјС-.

*PhCl'PSPsPIPSC- C,,C-P.PëPePs-C...C-PjC-C#PSC- PIP»P°CÍ'C,PëPIPsCÍ'C,C-: C,PIPµCŦPrC-
P¶PµP»P°C,PëPSPsPIC- PeP°PiCÍ'CrP»Pë B,,- 1, PSP°PiPsPIPSPµPSC- PiPsCŦPsC€PePsPj
P±C-P»PsPiPs P°P±Ps PjP°PNµP¶Pµ P±C-P»PsPiPs PePsP»CHµPsCŦCr;*

PeCḡPëC€PµC‡PeP°: PSPµPĩCḡPsP·PsCḡP°, P±P»P°PePëC, PSPsPiPs PePsP»CHPsCḡCř, P·PiPsP·PrPsPIP¶PSC-Pj PSP°PĩPëCĩPsPj B«PḡB», PSP°PSPµCĩPµPSPëPj C‡PsCḡPSPëPj C‡PsCḡPSPëP»PsPj;

PePsC₇PiC₇C₇: PSP_μPiC₇PSP·PsC₇P_μPeP_μ, PePsC₇P_μC₇PSP_μPIPsPiPs PePsP»CH₃PsC₇C₇, P·PiPsP·PrPsPIP¶PSC-Pj PSP°PiP_μC₇PsPj B«250B», PSP°PSP_μC₇P_μPSP_μPj C₇PsC₇PSP_μPj C₇PsC₇PSP_μP»PsPi.

$$\mathbf{P}\alpha\mathbf{P}^{\circ}\mathbf{C}\mathbf{H}\mathbf{P}\mathbf{j}\mathbf{P}^{\circ}\mathbf{P}\epsilon\mathbf{P}\mathbf{s}\mathbf{C},\mathbf{P}\mu\mathbf{C}\mathbf{H}\mathbf{P}^{\circ}\mathbf{P}\mathbf{i}\mathbf{P}\mu\mathbf{P}\mathbf{I}\mathbf{C},\mathbf{P}\epsilon\mathbf{C}\pm\mathbf{P}\mathbf{S}\mathbf{P}^{\circ}\mathbf{P}\mathbf{i}\mathbf{C}\mathbf{H}\mathbf{C}\mathbf{f}\mathbf{P}\mathbf{i}\mathbf{P}^{\circ}.$$

PŸPµP»PµPeC,PëPIPC- C-PjCřPSPsCĠCřPĩCĤPµCĠPëPIPC- PĩCĤPµPĩP°CĤP°C,Pë.
РљРёСЃЃР»РѕС,Р° РјС-РёРѕС„РµРѕРѕР»»РѕРїР°. РљРѕРґ РћРІХ L04A A06.

P_αP^oCH₂PjP^oPePsP»PsPiC-C±PSC- PIP»P^oCÍC,PëPIP_sCÍC,C-.

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsPrP\bar{e}PSP^{\circ}PjC-PeP^{\circ}.$

$P_{\bar{H}}P_{\mu}C...P^{\circ}PSC-P\cdot Pj\ PrC-C-$

$P_{\bar{H}}C-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr\ PjPsC,,P_{\mu}C,P\bar{e}P>$ вґ“ $C\ddagger P_{\mu}\ 2-$
 $PjPsC\bar{H}C,,PsP>C-PSPsP_{\mu}C,P\bar{e}P>PsPIP\bar{e}PN_{\bar{e}}\ P_{\mu}C,,C-C\bar{H}\ PjC-PePsC,,P_{\mu}PSPsP>PsPIPsC-$
 $PeP\bar{e}C\bar{I}P>PsC,P\bar{e}\ (P_{\bar{H}}P\alpha P_{\bar{L}}).$ $P_{\bar{H}}P\alpha P_{\bar{L}}$ вґ“ $PiPsC,CrP\PSP\bar{e}PN_{\bar{e}}\ C\bar{I}P_{\mu}P>P_{\mu}PeC,P\bar{e}PIPSP\bar{e}PN_{\bar{e}}\ PSP_{\mu}PePsPSPeC\bar{I}C\bar{H}P_{\mu}PSC,PSP\bar{e}PN_{\bar{e}}\ C- PsP\pm PsC\bar{H}PsC,PSP\bar{e}PN_{\bar{e}}\ C-PSPiC-P\pm C-C,PSC\bar{H}$
 $C-PSPsP\cdot P\bar{e}PSPjPsPSPsC,,PsC\bar{I}C,,P^{\circ}C,PrP_{\mu}PiC-PrC\bar{H}PsPiP_{\mu}PSP^{\circ}P\cdot P\bar{e}\ (P\ddagger P_{\bar{H}}P\alpha P''P''),\ C\%Ps$
 $PiC\bar{H}P\bar{e}PiPSC-C\ddagger CrC''\ C\bar{I}P\bar{e}PSC,P_{\mu}P\cdot PiC\bar{I}P^{\circ}PSPsP\cdot P\bar{e}PSPsPIP\bar{e}C... PSC\bar{I}PeP>P_{\mu}PsC,P\bar{e}PrC-PI\ de$
 $novo\ P\pm P_{\mu}P\cdot PIPeP>C\bar{H}C\ddagger P_{\mu}PSPSC\bar{I}\ PI\ P''P\bar{K}P_{\bar{L}}.$ $P_{\bar{H}}P\alpha P_{\bar{L}}$ $C\ddagger P\bar{e}PSP\bar{e}C,CH\ P\pm C-P>CHC\bar{e}$
 $PIP\bar{e}C\bar{H}P^{\circ}P\P_{\mu}PSC\bar{I}\ C\ddagger P\bar{e}C,PsC\bar{I}C,,P^{\circ}C,P\bar{e}C\ddagger PSC\bar{I}\ PrC-C\bar{H}\ PSP^{\circ}\ P>C-PjC,,PsC\ddagger P\bar{e}C,P\bar{e},\ PSC-P\P\ PSP^{\circ}$
 $C-PSC\bar{e}C- PeP>C-C,P\bar{e}PSP\bar{e},\ PsC\bar{I}PeC-P>CHPeP\bar{e}\ PiC\bar{H}PsP>C-C,,P_{\mu}C\bar{H}P^{\circ}C\ddagger C-C\bar{I}\ P\check{y}- C- P'-$
 $P>C-PjC,,PsC\ddagger P\bar{e}C,C-PI\ PrC\bar{I}P\P_{\mu}\ P\cdot P^{\circ}P>P_{\mu}P\P\bar{e}C,CH\ PIC-Pr\ C\bar{I}P\bar{e}PSC,P_{\mu}P\cdot Cr\ PiC\bar{I}C\bar{H}P\bar{e}PSC-PI$
 $de\ novo,\ Cr\ C,PsPN_{\bar{e}}\ C\ddagger P^{\circ}C\bar{I}\ C\bar{I}Pe\ PeP>C-C,P\bar{e}PSP\bar{e}\ C-PSC\bar{e}P\bar{e}C... C,P\bar{e}PiC-PI\ PjPsP\P\bar{I}CrC,CH$
 $PiP_{\mu}C\bar{H}P_{\mu}C...PsPrP\bar{e}C,P\bar{e}\ PSP^{\circ}\ PsP\pm C...C-PrPSC- C\bar{e}P>C\bar{I}C...P\bar{e}\ PjP_{\mu}C,P^{\circ}P\pm PsP>C-P\cdot PjC\bar{I}.$

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsPeC-PSP_{\mu}C,P\bar{e}PeP^{\circ}.$

$P'\ C\bar{I}PjPsPeC,CrPIP^{\circ}PSPSC\bar{I}$

$P_{\mu}C-C\bar{I}P>C\bar{I}\ PiP_{\mu}C\bar{H}PsC\bar{H}P^{\circ}P>CHPSPsPiPs\ PiC\bar{H}P\bar{e}PN_{\bar{e}}PsPjCr\ PIC-PrP\pm CrPIP^{\circ}C''C,CHC\bar{I}C\bar{I}$
 $C\bar{e}PIP\bar{e}PrPeP_{\mu}\ C- PiPsPIPSP_{\mu}\ PIC\bar{I}PjPsPeC,CrPIP^{\circ}PSPSC\bar{I}\ C,P^{\circ}\ PiPsPIPSP\bar{e}PN_{\bar{e}}\ PiP_{\mu}C\bar{H}P_{\mu}PrC\bar{I}P\bar{e}C\bar{I}C,,P_{\mu}PjPSP\bar{e}PN_{\bar{e}}\ PjP_{\mu}C,P^{\circ}P\pm PsP>C-P\cdot Pj\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr$
 $PjPsC,,P_{\mu}C,P\bar{e}P>Cr\ P\cdot CrC,PIPsC\bar{H}P_{\mu}PSPSC\bar{I}Pj\ P^{\circ}PeC,P\bar{e}PIPSPsPiPs\ PjP_{\mu}C,P^{\circ}P\pm PsP>C-C,Cr$
 $P_{\bar{H}}P\alpha P_{\bar{L}}.$ $PiPe\ C\ddagger P_{\mu}\ PiC-PrC,PIP_{\mu}C\bar{H}PrP\P\bar{I}CrC''C,CHC\bar{I}C\bar{I}\ C\bar{I}CrPiC\bar{H}P_{\mu}C\bar{I}C-C''C\bar{H}$
 $PiPsC\bar{I}C,C\bar{H}PsPiPs\ PIC-PrC,PsC\bar{H}PiPSP_{\mu}PSPSC\bar{I}\ PiC-C\bar{I}P>C\bar{I}\ C,C\bar{H}P^{\circ}PSC\bar{I}PiP>P^{\circ}PSC,P^{\circ}C\ddagger C-C-$
 $PSP\bar{e}C\bar{H}PeP\bar{e},\ C-PjCrPSPsC\bar{I}CrPiC\bar{H}P_{\mu}C\bar{I}PsC\bar{H}PSP^{\circ}\ PrC-C\bar{I}\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr$
 $PePsC\bar{H}P_{\mu}P>C\bar{H}C''\ P\cdot PePsPSC\ddagger P_{\mu}PSC,C\bar{H}P^{\circ}C\ddagger C-C''C\bar{H}\ P_{\bar{H}}P\alpha P_{\bar{L}}.$

$P\check{y}P_{\mu}C\bar{H}P_{\mu}PrPSC\bar{I}\ P\pm C-PsPrPsC\bar{I}C,CrPiPSC-C\bar{I}C,CH\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr$
 $PjPsC,,P_{\mu}C,P\bar{e}P>Cr\ PiC\bar{H}P\bar{e}\ PiP_{\mu}C\bar{H}PsC\bar{H}P^{\circ}P>CHPSPsPjCr\ PiC\bar{H}P\bar{e}PN_{\bar{e}}PsPjC-, PIC-PrPiPsPIC-PrPSPs$
 $PrPs\ PIP_{\mu}P>P\bar{e}C\ddagger P\bar{e}PSP\bar{e}\ AUC_{P_{\bar{H}}P\alpha P_{\bar{L}}}\ (PiP>PsC\%P^{\circ}\ PiC-Pr\ PeC\bar{H}P\bar{e}PiPsC\bar{H}$
 $B\langle PePsPSC\ddagger P_{\mu}PSC,C\bar{H}P^{\circ}C\ddagger C-C\bar{I}-C\ddagger P^{\circ}C\bar{I}B\rangle),\ C\bar{I}C,P^{\circ}PSPsPIP\bar{e}C,CH\ 94\%\ PIC-PrPSPsC\bar{I}PSPs$
 $PIPSC\bar{I}C,C\bar{H}C-C\bar{e}PSC\bar{H}PsPIP_{\mu}PSPSPsPiPs\ PIPiP_{\mu}PrP_{\mu}PSPSC\bar{I}\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr$
 $PjPsC,,P_{\mu}C,P\bar{e}P>Cr.$ $P_{\mu}C\bar{H}P\bar{e}PN_{\bar{e}}PsPj\ C-P\P\bar{I}C- PSP_{\mu}\ PIPiP>P\bar{e}PIP^{\circ}C''\ PSP^{\circ}\ C\bar{I}C,CrPiC-PSCH$
 $PIC\bar{I}PjPsPeC,CrPIP^{\circ}PSPSC\bar{I}\ (AUC_{P_{\bar{H}}P\alpha P_{\bar{L}}})\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr\ PjPsC,,P_{\mu}C,P\bar{e}P>Cr\ PiC\bar{H}P\bar{e}$
 $PN_{\bar{e}}PsPiPs\ PiC\bar{H}P\bar{e}P\cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC- PiPs\ 1,5\ Pi\ 2\ C\bar{H}P^{\circ}P\cdot P\bar{e}\ PSP^{\circ}\ PrPsP\pm Cr\ PiP^{\circ}C\ddagger C-C''PSC,P^{\circ}Pj$
 $PiC-C\bar{I}P>C\bar{I}\ C,C\bar{H}P^{\circ}PSC\bar{I}PiP>P^{\circ}PSC,P^{\circ}C\ddagger C-C- PSP\bar{e}C\bar{H}PeP\bar{e}.$ $P_{\mu}C\bar{H}PsC,P_{\mu}\ C_{max}\ P_{\bar{H}}P\alpha P_{\bar{L}}\ PiC\bar{H}P\bar{e}$
 $PiC\bar{H}P\bar{e}PN_{\bar{e}}PsPjC- PiC\bar{H}P_{\mu}PiP^{\circ}C\bar{H}P^{\circ}C,Cr\ PiC-Pr\ C\ddagger P^{\circ}C\bar{I}\ PIP\P\bar{e}PIP^{\circ}PSPSC\bar{I}\ C-P\P\bar{I}C-$
 $P\cdot PSP\bar{e}P\P\bar{I}CrC''C,CHC\bar{I}C\bar{I}\ PSP^{\circ}\ 40\%.$ $P_{\mu}C-C\bar{I}P>C\bar{I}\ PiP_{\mu}C\bar{H}PsC\bar{H}P^{\circ}P>CHPSPsPiPs$
 $PiC\bar{H}P\bar{e}PN_{\bar{e}}PsPjCr\ PePsPSC\ddagger P_{\mu}PSC,C\bar{H}P^{\circ}C\ddagger C-C\bar{I}\ PjC-PePsC,,P_{\mu}PSPsP>P^{\circ}C,Cr\ PjPsC,,P_{\mu}C,P\bar{e}P>Cr\ Cr$
 $PiP>P^{\circ}P\cdot PjC- PeC\bar{H}PsPIC- C\bar{I}P\bar{e}C\bar{I}C,,P_{\mu}PjPSPs\ PSP_{\mu}\ PIP\bar{e}P\cdot PSP^{\circ}C\ddagger P^{\circ}C''C,CHC\bar{I}C\bar{I}.$

$P\ PsP\cdot PiPsPrC-P>$

$Pj\ C\bar{H}P_{\mu}P\cdot CrP>CHC,P^{\circ}C,C- P_{\mu}PSC,P_{\mu}C\bar{H}PsPiP_{\mu}PiP^{\circ}C,P\bar{e}C\ddagger PSPsC-$
 $C\bar{H}P_{\mu}C\ddagger P\bar{e}C\bar{H}PeCrP>C\bar{I}C\ddagger C-C- PIC,PsC\bar{H}P\bar{e}PSPSP_{\mu}\ PiC-PrPIP\bar{e}C\%P_{\mu}PSPSC\bar{I}$
 $PePsPSC\ddagger P_{\mu}PSC,C\bar{H}P^{\circ}C\ddagger C-C- P_{\bar{H}}P\alpha P_{\bar{L}}\ Cr\ PiP>P^{\circ}P\cdot PjC- PeC\bar{H}PsPIC-, C\bar{I}Pe\ PiC\bar{H}P^{\circ}PIP\bar{e}P>Ps,$
 $C\bar{I}PiPsC\bar{I}C,,P_{\mu}C\bar{H}C-PiP^{\circ}C''C,CHC\bar{I}C\bar{I}\ C\ddagger P_{\mu}C\bar{H}P_{\mu}P\cdot 6-12\ PiPsPrP\bar{e}PS\ PiC-C\bar{I}P>C\bar{I}\ PiC\bar{H}P\bar{e}PN_{\bar{e}}PsPjCr$
 $PiC\bar{H}P_{\mu}PiP^{\circ}C\bar{H}P^{\circ}C,Cr.$ $P_{\mu}C\bar{H}P\bar{e}\ PsPrPSPsC\ddagger P^{\circ}C\bar{I}PSPsPjCr\ P\cdot P^{\circ}C\bar{I}C,PsC\bar{I}CrPIP^{\circ}PSPSC- P\cdot$
 $C...PsP>P_{\mu}C\bar{I}C,P\bar{e}C\bar{H}P^{\circ}PjC-PSPsPj\ (4\ Pi\ 3\ C\bar{H}P^{\circ}P\cdot P\bar{e}\ PSP^{\circ}\ PrPsP\pm Cr)\ AUC_{P_{\bar{H}}P\alpha P_{\bar{L}}}$

Р·PSPëP¶CрC”C,CHбCГCЦ PиCГPëP±P»PëP·PSPs PSP° 40%, C%Ps CГPIC-PrC±PëC,CH PиCГPs P·PSP°C±PSPëPNë CГC,CрPиC-PSCH PµPSC,PµCГPsPiPµPiP°C,PëC±PSPsC— CГPµC±PëCГPeCрP»CЦC†C-C—.

РҺPαPљ CГ PeP»C-PSC-C±PSPs P·PSP°C±CрC%PëC... PePsPSC†PµPSC,CГP°C†C-CЦC... PSP° 97% P·Pi'CЦP·CрC”C,CHбCГCЦ P· P°P»CHP±CрPjC-PSP°PjPë PiP»P°P·PjPë PeCГPsPIC-.

РҺPµC,P°P±PsP»C-P·Pj

РҺPαPљ PjPµC,P°P±PsP»C-P·CрC”C,CHбCГCЦ Pи PsCГPSPsPiPSPsPjCр PиC-Pr PrC-C”CГ PиP»CГPeCрCГPsPSC-P»C,CГP°PSCГC,,PµCГP°P·Pë (C-P·PsC,,PsCГPjP° UGT1A9) P· CрC,PiPsCГPµPSPSCЦPj PSPµP°PeC,PëPiPSPsPiPs C,,PµPSPsP»CHPSPsPiPs PiP»CГPeCрCГPsPSC-PrCр РҺPαPљ (РҺPαPљP”). *In vivo* РҺPαPљP” PиPµCГPµC,PiPsCГC”C,CHбCГCЦ PSP°P·P°Pr Cр PIC-P»CHPSCр РҺPαPљ PиC-Pr C±P°CГ PµPSC,PµCГPsPiPµPiP°C,PëC±PSPsC— CГPµC±PëCГPeCрP»CЦC†C-C—. PÿP°PePsP¶ CрC,PiPsCГC”C,CHбCГCЦ P±C-P»CHC€ PSPëP·CHPePëPNë P°C†PëP»PiP»CГPeCрCГPsPSC-Pr (AC†PҺPαPљP”), CЦPePëPNë C” C,,P°CГPjP°PePsP»PsPiC-C±PSPs P°PeC,PëPiPSPëPj C-, PjPsP¶P»PëPiPs, C” PиCГPëC±PëPSPsCГ PiPëPSPëPePSPµPSPSCЦ PrPµCЦPePëC... PiPsP±C-C±PSPëC... PµC,,PµPeC,C-Pi PjC-PePsC,,PµPSPsP»P°C,Cр PjPsC,,PµC,PëP»Cр (PrC-P°CГPµCЦ, P»PµPNëPePsPiPµPSC-CЦ).

P’PëPiPµPrPµPSPSCЦ

PкPµP·PSP°C±PSC- PeC-P»CHPePsCГC,C- PиCГPµPiP°CГP°C,Cр (<1% PrPsP·Pë) PiPëPiPsPrCЦC,CHбCГCЦ C-P· CГPµC±PµCГ Cр PiPëPiP»CЦPrC- РҺPαPљ. PµC-CГP»CЦ PиPµCГPsCГP°P»CHPSPsPiPs PиCГPëPNëPsPjCр CГP°PrC-PsP°PeC,PëPiPSPs PjC-C±PµPSPsPiPs PjC-PePsC,,PµPSPsP»P°C,Cр PjPsC,,PµC,PëP»Cр PiPiPµPrPµPSP° PrPsP·P° PiPëPrC-P»CЦC”C,CHбCГCЦ PиPsPiPSC-CГC,CГ; 93% PiPiPµPrPµPSPsC— PrPsP·Pë PiPëPrC-P»CЦC”C,CHбCГCЦ C-P· CГPµC±PµCГ, P° 6% вГ” C-P· PeP°P»PsPj. P’PµP»PëPeP° C±P°CГC,PëPSP° (PiCГPëP±P»PëP·PSPs 87%) PiPiPµPrPµPSPsC— PrPsP·Pë PiPëPiPsPrPëC,CHбCГCЦ C-P· CГPµC±PµCГ Cр PiPëPiP»CЦPrC- РҺPαPљP”.

Pj PePsPSC†PµPSC,CГP°C†C-CЦC..., CЦPeC- P·CрCГC,CГC-C±P°CГC,CHбCГCЦ Cр PeP»C-PSC-C±PSC-PNë PиCГP°PeC,PëC†C-, РҺPαPљ C,P° РҺPαPљP” PSPµ PiPëPiPsPrCЦC,CHбCГCЦ P·P° PrPsPiPsPjPsPiPsCГ PiPµPjPsPrC-P°P»C-P·Cр. PµCГPsC,Pµ PиCГPë PiPëC%PëC... PePsPSC†PµPSC,CГP°C†C-CЦC... РҺPαPљP” (>100 PjPePi/PjP») PSPµPiPµP»PëPeP° PNëPsPiPs PeC-P»CHPeC-CГC,CH PjPsP¶Pµ P±CрC,Pë PiPëPrP°P»PµPSP°. PµPsCГCрC€CрCГC±Pë PµPSC,PµCГPsPiPµPiP°C,PëC±PSCр CГPµC±PëCГPeCрP»CЦC†C-CГ PиCГPµPiP°CГP°C,Cр РҺC-C,,PµPSP°PeCГ^{B°}, CГPµPePiPµCГC,CГP°PSC,Pë P¶PsPIC±PSPëC... PePëCГP»PsC, C,PëPiCр C...PsP»PµCГC,PëCГP°PjC-PSCр P·PSPëP¶CрCГC,CH PђUC_{РҺPαPљ} (PrPëPi. CГPsP·PrC-P» B«PµPµCГPµPrPsP·CрPiP°PSPSCЦB»).

PαP°CГPjP°PePsPeC-PSPµC,PëPeP° (CрCГC- PµC,P°PiPë PeCГC-Pj PICГPjPsPeC,CрPiP°PSPSCЦ) PjC-PePsC,,PµPSPsP»PsPiPsC— PePëCГP»PsC,Pë P·P°P»PµP¶PëC,CH PIC-Pr PeC-P»CHPePsC... PiPµCГPµPSPsCГPSPëPeC-Pi. PÿCГP°PSCГPiPsCГC,PSPëPNë PiPsP»C-PiPµPiC,PëPr PsCГPiP°PSC-C±PSPëC... P°PSC-PsPSC-Pi C- P±C-P»PsPe 2, P°CГPsC†C-PNëPsPiP°PSPëPNë C-P· PjPSPsP¶PëPSPSPsCГ CГC,C-PNëPeC-CГC,CГ PrPs P»C-PeP°CГCГCHPePëC... P·P°CГPsP±C-Pi, P±PµCГCрC,CH CрC±P°CГC,CH Cр C,,P°CГPjP°PePsPeC-PSPµC,PëC†C- (CрCГC- PµC,P°PiPë PeCГC-Pj PICГPjPsPeC,CрPiP°PSPSCЦ) PjC-PePsC,,PµPSPsP»PsPiPsC— PePëCГP»PsC,Pë; C-P·PsC,,PsCГPjPë C,CГP°PSCГPiPsCГC,PSPsPiPs PiPsP»C-PiPµPiC,PëPrCр PsCГPiP°PSC-C±PSPëC... P°PSC-PsPSC-Pi, P±C-P»PsPe 2, P°CГPsC†C-PNëPsPiP°PSPëPNë C-P· PjPSPsP¶PëPSPSPsCГ CГC,C-PNëPeC-CГC,CГ PrPs P»C-PeP°CГCГCHPePëC... P·P°CГPsP±C-Pi,

C- P±C-P»PsPe C₇H₄PμP·PëC₇F₃C, PμPSC, PSPSc₇F₃C, C- C₇H₄P°PeC₇ PjPsP»PsC±PSPsC— P·P°P»PsP·Pë C” PīPμC₇H₄PμPSPsC₇F₃PSPëPeP°PjPë, C₄IPeC- PīPsP₁C₄IP·P°PSC- P· P±C-P»C-P°C₇H₄PSPsC₇ PμPeC₇F₃C₇H₄PμC₇C-C”C₇ PīP»C₇H₄PeC₇F₃PsPSC-PrC-PI. P’C-P»PsPe 1 PjPSPsP₁PëPSPSPsC— C₇F₃C, C-PN₂PePsC₇F₃C, C- PrPs P»C-PeP°C₇F₃C₇H₄PePëC... P·P°C₇F₃Ps±C-PI C, P°PePsP₁ PjPsP₁ Pμ C, C₇H₄P°PSC₇F₃PīPsC₇H₄C, C₇F₃PIP°C, Pë PjC-PePsC,, PμPSPsP»PsPIC₇ PePëC₇F₃P»PsC, C₇, PsPrPSP°Pe PN₂PsPīPs PIPSPμC₇F₃PsPe, C₇F₃C...PsP₁ Pμ, P·PIPsPrPëC, C₇H₄C₇F₃C₄ PrPs PīC₇H₄PsC₇F₃PμC₇C₇ PIC₇F₃PjPsPeC, C₇F₃PIP°PSPSC₄. Pj PSPëC₇H₄PeP°C... PjC-PePsC,, PμPSPsP»PsPIP° PePëC₇F₃P»PsC, P° C- C—C— PjPμC, P°P±PsP»C-C, Pë PīPsC, C₇F₃PIPSPs PIP·P°C”PjPsPrC-C₇H₄C, C₇H₄ C-P· PSPëC₇H₄PePsPIPëPjPë PīPμC₇H₄PμPSPsC₇F₃PSPëPeP°PjPë PsC₇H₄PIP°PSC-C±PSPëC... P°PSC-PsPSC-PI.

Pj C₇H₄P°PSPSCH₄PsPjC₇ PīPμC₇H₄C-PsPrC- PīC-C₇F₃P»C₄ C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C₇C-C— (<40 PrPSC-PI PīC-C₇F₃P»C₄ C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C₇C-C—) PīP°C₇C-C”PSC, Pë P· C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C, PsPj PSPëC₇H₄PePë, C₇F₃PμC₇C₇C₄ C, P° PīPμC₇C-CSPePë PjP°C₇H₄C, C₇H₄ C₇F₃PμC₇H₄PrPSC- AUC_{P₇H₄P₇F₃} PīC₇H₄PeP±P»PëP·PSPs PSP° 30% PSPëP₁C±Pμ C- C_{max} PīC₇H₄PeP±P»PëP·PSPs PSP° 40% PSPëP₁C±Pμ PīPsC₇H₄C-PIPSC₄IPSPs P· PīC-P·PSC-Pj PīPμC₇H₄C-PsPrPsPj PīC-C₇F₃P»C₄ C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C₇C-C— (3-6 PjC-C₇F₃C₄C₇C-PI PīC-C₇F₃P»C₄ C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C₇C-C—).

P₇H₄C₇F₃PsP±P»PëPIC- PīC₇H₄C₇F₃PīPë PīP°C₇C-C”PSC, C-PI

PμP°C₇C-C”PSC, Pë P· PSPëC₇H₄PePsPIPsC₇ PSPμPrPsC₇F₃C, P°C, PSC-C₇F₃C, C₇H₄

Pj PrPsC₇F₃P»C-PrP₁ PμPSPSC- P· PsPrPSPsPeC₇H₄P°C, PSPëPj PīC₇H₄PePN₂PsPjPsPj PīC₇H₄PμPīP°C₇H₄P°C, C₇ C₇F₃PμC₇H₄PrPSC₄ AUC_{P₇H₄P₇F₃} C₇ PīP»P°P·PjC- PeC₇H₄PsPIC- P±C₇P»P° PSP° 28-75% P±C-P»C₇H₄C₇PeP° C₇ PīP°C₇C-C”PSC, C-PI C-P· C, C₄IP₁PePsC₇ C...C₇H₄PsPSC-C±PSPsC₇ PSPëC₇H₄PePsPIPsC₇ PSPμPrPsC₇F₃C, P°C, PSC-C₇F₃C, C₇ (C₇F₃PIPëPrPeC-C₇F₃C, C₇H₄ PeP»C₇F₃P±PsC±PePsPIPsC— C,, C-P»C₇H₄C, C₇H₄P°C₇C-C— <25 PjP»/C...PI/1,73 Pj²), PSC-P₁ C₇ P·PrPsC₇H₄PsPIPëC... PrPsP±C₇H₄PsPIPsP»C₇H₄C₇C-PI C, P° C...PIPsC₇H₄PeC... C-P· PjPμPSC₇ PIPëC₇H₄P°P₁ PμPSPëPjPë C₇C₇H₄P°P₁ PμPSPSC₄PjPë PSPëC₇H₄PsPe. P₇PrPSP°Pe PīC-C₇F₃P»C₄ PīC₇H₄PePN₂PsPjC₇ PsPrPSPsPeC₇H₄P°C, PSPsC— PrPsP·Pë C₇F₃PμC₇H₄PrPSC₄ AUC C,, PμPSPsP»CH₄PSPsPiPs PīP»C₇H₄PeC₇F₃PsPSC-PrC₇ PjC-PePsC,, PμPSPsP»PsPIPsC— PePëC₇F₃P»PsC, Pë P±C₇P»P° C₇ 3-6 C₇H₄P°C-PI P±C-P»C₇H₄C₇PeP° C₇ PīP°C₇C-C”PSC, C-PI C-P· C, C₄IP₁PePsC₇ PSPëC₇H₄PePsPIPsC₇ PSPμPrPsC₇F₃C, P°C, PSC-C₇F₃C, C₇, PSC-P₁ C₇ PīP°C₇C-C”PSC, C-PI P· P»PμPīPePsC₇ PSPëC₇H₄PePsPIPsC₇ PSPμPrPsC₇F₃C, P°C, PSC-C₇F₃C, C₇ C, P° C₇ P·PrPsC₇H₄PsPIPëC... PrPsP±C₇H₄PsPIPsP»C₇H₄C₇C-PI, C%Ps C₇P·PīPsPrP₁C₇C”C, C₇H₄C₇F₃C₄ P· PIC-PrPsPjPëPjPë PrP°PSPëPjPë PīC₇H₄Ps PIPëPīPμPrPμPSPSC₄ C,, PμPSPsP»CH₄PSPsPiPs PīP»C₇H₄PeC₇F₃PsPSC-PrC₇ PjC-PePsC,, PμPSPsP»PsPIPsC— PePëC₇F₃P»PsC, Pë PSPëC₇H₄PeP°PjPë. P”PsC₇F₃P»C-PrP₁ PμPSPSC₄ P±P°PīP°C, PsC₇H₄P°P·PsPIPsPiPs P·P°C₇F₃C, PsC₇C₇F₃PIP°PSPSC₄ PjC-PePsC,, PμPSPsP»P°C, C₇ PjPsC,, PμC, PëP»C₇ PīC₇H₄Pe C, C₄IP₁PeC-PN₂ PSPëC₇H₄PePsPIC-PN₂ PSPμPrPsC₇F₃C, P°C, PSPsC₇F₃C, C- PSPμ PīC₇H₄PsPIPsPrPëP»Pë. P₇PrPSPëC... C%PsPrPs PīP°C₇C-C”PSC, C-PI C-P· C, C₄IP₁PePsC₇ C...C₇H₄PsPSC-C±PSPsC₇ PSPëC₇H₄PePsPIPsC₇ PSPμPrPsC₇F₃C, P°C, PSC-C₇F₃C, C₇ PīC-C₇F₃P»C₄ C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C₇C-C— C₇F₃PμC₇C₇C₄ C- PīPμC₇C-CSPePë.

P—P°C, C₇H₄PePjPeP° C,, C₂PSPeC₇C-C— PSPëC₇H₄PePsPIPsPiPs C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C, P°

Pj PīP°C₇C-C”PSC, C-PI C-P· P·P°C, C₇H₄PePjPePsC₇ C,, C₇PSPeC₇C-C— PSPëC₇H₄PePsPIPsPiPs C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C, P° PīC-C₇F₃P»C₄ PīPμC₇H₄PμC₇P°PrPePë C₇F₃PμC₇H₄PrPSC” P·PSP°C±PμPSPSC₄ AUC₀₋₁₂ PrP»C₄ PjC-PePsC,, PμPSPsP»PsPIPsC— PePëC₇F₃P»PsC, Pë P±C₇P»Ps PīPsC₇H₄C-PIPSC₄IPSPμ P· C, P°PePëPj C₇ C...PIPsC₇H₄PeC..., C₇ C₄IPePëC... C, C₇H₄P°PSC₇F₃PīP»P°PSC, P°C, PīPsC±PëPSP°PI C,, C₇PSPeC₇C-PsPSC₇PIP°C, Pë PīC-C₇F₃P»C₄ PīPμC₇H₄PμC₇P°PrPePë P±PμP· P·P°C, C₇H₄PePjPePë. P₇PrPμC₇H₄PrPSC” P·PSP°C±PμPSPSC₄ AUC₀₋₁₂

PrP»CЦ C,,PμPSPsP»CHPSPsPiPs PiP»CḦPeCḦCḦPsPSC-PrCḦ PjC-PePsC,,PμPSPsP»PsPIPsC—
 PePëCḦP»PsC,Pë Cr PiP»P°P·PjC- PeCḦPsPIC- P±CḦP»Ps PI 2-3 CḦP°P·Pë P±C-P»CHC€PëPj,
 PSC-PḦ Cr C...PIPsCḦPëC..., Cr CЦPePëC... C,CḦP°PSCḦPiP»P°PSC,P°C, PiPsCḦPëPSP°PI
 C,,CḦPSPeCḦC-PsPSCḦPiP°C,Pë PiC-CḦP»CЦ PiPμCḦPμCḦP°PrPePë P±PμP· P·P°C,CḦPëPjPePë.
 PḦPsPḦP»PëPIPμ C,CḦP°PSP·PëC,PSCḦPSPμ PiC-PrPIPëC%PμPSPSCЦ PIC-P»CHPSPsC—
 C,,CḦP°PeCḦC-C— C- PePsPSCḦPμPSC,CḦP°CḦC-C— PjC-PePsC,,PμPSPsP»PsPIPsC—
 PePëCḦP»PsC,Pë Cr PiP»P°P·PjC- PeCḦPsPIC- Cr PiP°CḦC-C”PSC,C-PI C-P· P·P°C,CḦPëPjPePsCḦ
 C,,CḦPSPeCḦC-C— PSPëCḦPePsPIPsPiPs C,CḦP°PSCḦPiP»P°PSC,P°C,P°. PḦPsCḦPμPeCḦC-CЦ
 PrPsP·Pë PiCḦPμPiP°CḦP°C,CḦ PḦC-C,,PμPSP°PeCḦ^{B®} Cr C,P°PePëC... PiPëPiP°PrPeP°C... PSPμ
 PiPsC,CḦC-P±PSP°.

PμP°CḦC-C”PSC,Pë P· PiPμCḦC-PSPePsPIPsCḦ PSPμPrPsCḦC,P°C,PSC-CḦC,CḦ

PJ PrPsP±CḦPsPIPsP»CHCḦC-PI P· P°P»PePsPiPsP»CHPSPëPj CḦPëCḦPsP·PsPj PiPμCḦC-PSPePë
 P±CḦP»Ps PiPëCЦPiP»PμPSPs, C%Ps CrCḦP°PḦPμPSPSCЦ PiP°CḦPμPSC...C-PjPë
 PiPμCḦC-PSPePë PIC-PrPSPsCḦPSPs PSPμ PiPḦP»PëPIP°C” PSP° PiCḦPsCḦPμCḦ
 PiP»CḦPeCḦCḦPsPSC-PrP°CḦC-C— PjC-PePsC,,PμPSPsP»PsPIPsC— PePëCḦP»PsC,Pë. P’PiP»PëPI
 PiPμCḦC-PSPePsPIPsC— PiP°C,PSP»PsPiC-C— PSP° CḦPμPNë PiCḦPsCḦPμCḦ P·P°P»PμPḦPëC,CH
 PIC-Pr PePsPSPeCḦPμC,PSPsPiPs P·P°C...PIPsCḦCḦPiP°PSPSCЦ. PhPrPSP°Pe Cr CḦP°P·C-
 P·P°C...PIPsCḦCḦPiP°PSPSCЦ PiPμCḦC-PSPePë P· PiPμCḦPμPiP°PḦPSPëPj CrCḦP°PḦPμPSPSCЦPj
 PḦPsPICḦPSPëC... C€P»CЦC...C-PI (PSP°PiCḦPëPeP»P°Pr, PiPμCḦPiPëPSPSPëPNë
 P±C-P»C-P°CḦPSPëPNë CḦPëCḦPsP·) PμC,,PμPeC, PjPsPḦPμ P±CḦC,Pë C-PSC€PëPj.

P”C-C,Pë

PαP°CḦPjP°PePsPeC-PSPμC,PëCḦPSC- PiP°CḦP°PjPμC,CḦPë PiPëPICḦP°P»Pë Cr PrC-C,PμPNë
 PiC-CḦP»CЦ C,CḦP°PSCḦPiP»P°PSC,P°CḦC-C— PSPëCḦPePë (PIC-PePsPj PIC-Pr 2 PrPs
 18 CḦPsPeC-PI), CЦPeC- PsC,CḦPëPjCḦPiP°P»Pë PjC-PePsC,,PμPSPsP»P°C,CḦ PjPsC,,PμC,PëP» Cr
 PrPsP·C- 600 PjPi/Pj² PiPμCḦPsCḦP°P»CHPSPs PrPIC-CḦC- PSP° PrPsP±CḦ. PμCḦPë
 P·P°CḦC,PSCḦCḦPiP°PSPSC- CḦC-C”C— PrPsP·Pë AUC_{PḦPαPḦ} P±CḦP»P° PiPsPrC-P±PSPsCḦ PrPs
 C,P°PePsC— Cr PrPsCḦPsCḦP»PëC... PiP°CḦC-C”PSC,C-PI PiC-CḦP»CЦ
 C,CḦP°PSCḦPiP»P°PSC,P°CḦC-C— PSPëCḦPePë, CЦPeC- PsC,CḦPëPjCḦPiP°P»Pë
 PiCḦPμPiP°CḦP°C, PḦC-C,,PμPSP°PeCḦ^{B®} Cr PrPsP·C- 1 Pi 2 CḦP°P·Pë PSP° PrPsP±CḦ PI
 CḦP°PSPSCHPsPjCḦ C- PiC-P·PSCḦPsPjCḦ PiPsCḦC,C,CḦP°PSCḦPiP»P°PSC,P°CḦC-PNëPSPsPjCḦ
 PiPμCḦC-PsPrP°C.... P’PμP»PëCḦPëPSP° AUC_{PḦPαPḦ} Cr CḦC-P·PSPëC... PIC-PePsPIPëC...
 PiCḦCḦPiP°C... P±CḦP»P° PiPsCḦC-PIPSCЦPSPsCḦ PI CḦP°PSPSCHPsPjCḦ C- PiC-P·PSCḦPsPjCḦ
 PiPsCḦC,C,CḦP°PSCḦPiP»P°PSC,P°CḦC-PNëPSPsPjCḦ PiPμCḦC-PsPrP°C....

PμP°CḦC-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCḦ

PḦPμ PiPëCЦPiP»PμPSPs, C%Ps C,,P°CḦPjP°PePsPeC-PSPμC,PëPeP° PjC-PePsC,,PμPSPsP»P°C,CḦ
 PjPsC,,PμC,PëP»CḦ C,P° PNëPsPiPs PjPμC,P°P±PsP»C-C,C-PI P·PjC-PSCḦC”C,CHCḦCЦ Cr
 PiP°CḦC-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCḦ (≥65 CḦPsPeC-PI) PiPsCḦC-PIPSCЦPSPs P·
 PjPsP»PsPrC€PëPjPë PiP°CḦC-C”PSC,P°PjPë PiC-CḦP»CЦ C,CḦP°PSCḦPiP»P°PSC,P°CḦC-C—.

*PμP°CḦC-C”PSC,Pë, CЦPeC- PiCḦPëPNëPjP°CḦC,CH PiPμCḦPsCḦP°P»CHPSC-
 PePsPSC,CḦP°CḦPiC,PëPIPë*

PḦC-PePsC,,PμPSPsP»P°C,CḦ PjPsC,,PμC,PëP» PSPμ PiPḦP»PëPIP°C” PSP°
 C,,P°CḦPjP°PePsPeC-PSPμC,PëPeCḦ PiPμCḦPsCḦP°P»CHPSPëC... PePsPSC,CḦP°CḦPiC,PëPIC-PI
 (PrPëPI. CḦPsP·PrC-P» B«P’P·P°C”PjPsPrC-CЦ P· C-PSC€PëPjPë P»C-PeP°CḦCḦCḦPePëPjPë
 P·P°CḦPsP±P°PjPë C,P° C-PSC€C- PiPëPrPë PiP·P°C”PjPsPrC-PNëB»).

$P_{\mu}C_{\eta}P_{\epsilon} \text{ PsPrPSPsC}\ddagger P^{\circ}C\acute{I}PSPsPjC\acute{r} \text{ P}\acute{i}C_{\eta}P_{\epsilon}P_{\mathbb{N}}PsPjC- \text{ P} \cdot \text{PePsPjP}\pm C-PSPsPIP^{\circ}PSP_{\epsilon}PjP_{\epsilon}$
 $P\acute{i}P_{\mu}C_{\eta}PsC_{\eta}P^{\circ}P\gg CHBPSP_{\epsilon}PjP_{\epsilon} \text{ PePsPSC}, C_{\eta}P^{\circ}C\ddagger P_{\mu}P\acute{i}C, P_{\epsilon}PIP^{\circ}PjP_{\epsilon}, C\%_{\circ}Ps \text{ PjC}-C\acute{I}C, C\acute{I}C, CH$
 $P_{\mu}C, P_{\epsilon}PSC-P\gg P_{\mu}C\acute{I}C, C_{\eta}P^{\circ}PrC-PsP\gg (0,02-0,04 \text{ PjPi}) \text{ C}-P\gg P_{\mu}PIPsPSPsC_{\eta}P\acute{i}P_{\mu}C\acute{I}C, C_{\eta}P_{\mu}P\gg$
 $(0,05-0,15 \text{ PjPi}), \text{ PrP}_{\mu}P \cdot \text{PsPiP}_{\mu}C\acute{I}C, C_{\eta}P_{\mu}P\gg (0,15 \text{ PjPi}) \text{ P}^{\circ}P\pm Ps \text{ PiP}_{\mu}C\acute{I}C, PsPrP_{\mu}PS (0,05-0,1 \text{ PjPi}),$
 $P\acute{i}C_{\eta}P_{\mu}P\acute{i}P^{\circ}C_{\eta}P^{\circ}C, P_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} (1 \text{ Pi } 2 \text{ C}_{\eta}P^{\circ}P \cdot P_{\epsilon} \text{ PSP}^{\circ} \text{ PrPsP}\pm C\acute{r}) \text{ C}\acute{r}$
 $PrPsC\acute{I}P\gg C-PrP_{\mu}P_{\mu}PSPSC- \text{ P} \cdot \text{C}\acute{r}C\ddagger P^{\circ}C\acute{I}C, C_{\mathbb{H}} 18 \text{ P}\acute{I}C-PSPsPe \text{ P}\acute{i}C-C\acute{I}P\gg C\acute{I}$
 $C, C_{\eta}P^{\circ}PSC\acute{I}P\acute{i}P\gg P^{\circ}PSC, P^{\circ}C\ddagger C-C-, C\acute{I}PeC- \text{ PSP}_{\mu} \text{ PsC}, C_{\eta}P_{\epsilon}PjC\acute{r}PIP^{\circ}P\gg P_{\epsilon} \text{ C}-PSC\epsilon C-$
 $C-PjC\acute{r}PSPsC\acute{I}C\acute{r}P\acute{i}C_{\eta}P_{\mu}C\acute{I}P^{\circ}PSC, P_{\epsilon}, \text{ PSP}_{\mu} \text{ PIP}_{\epsilon}C\acute{I}PIP\gg P_{\mu}PSPs \text{ PeP}\gg C-PSC-C\ddagger PSPs$
 $P \cdot \text{PSP}^{\circ}C\ddagger C\acute{r}C\%_{\circ}PsPiPs \text{ PIP}\acute{i}P\gg P_{\epsilon}PIC\acute{r} \text{ PSP}^{\circ} \text{ P}\acute{i}C_{\eta}P_{\epsilon}PiPSC-C\ddagger P_{\mu}PSPSC\acute{I} \text{ PsPIC}\acute{r}P\gg C\acute{I}C\ddagger C-C- \text{ P}\acute{i}C-Pr$
 $PrC-C''C_{\mathbb{H}} \text{ P}\acute{i}P_{\mu}C_{\eta}PsC_{\eta}P^{\circ}P\gg CHBPSP_{\epsilon}C... \text{ PePsPSC}, C_{\eta}P^{\circ}C\ddagger P_{\mu}P\acute{i}C, P_{\epsilon}PIC-PI. \text{ P } C-PIP_{\mu}PSC_{\mathbb{H}}$
 $P\acute{i}C_{\eta}PsPiP_{\mu}C\acute{I}C, P_{\mu}C_{\eta}PsPSC\acute{r}, P\gg C_{\mathbb{H}}C, P_{\mu}C-PSC-P \cdot C\acute{r}C_{\mathbb{H}}C\ddagger PsPiPs \text{ PiPsC}_{\eta}PjPsPSC\acute{r} \text{ C}-$
 $C,, PsP\gg C-PeC\acute{r}P\gg PsC\acute{I}C, P_{\epsilon}PjC\acute{r}P\gg C_{\mathbb{H}}C_{\mathbb{H}}C\ddagger PsPiPs \text{ PiPsC}_{\eta}PjPsPSC\acute{r} \text{ C}\acute{I}C\acute{r}C, C, C''PIP_s \text{ PSP}_{\mu}$
 $P \cdot PjC-PSC_{\mathbb{H}}PIP^{\circ}PIC\acute{I}C\acute{I}.$

$P_{\mathbb{H}}P\gg C-PSC-C\ddagger PSC- \text{ C}...P^{\circ}C_{\eta}P^{\circ}PeC, P_{\mu}C_{\eta}P_{\epsilon}C\acute{I}C, P_{\epsilon}PeP_{\epsilon}.$

$P_{\mu}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\acute{I}.$

$P_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} \text{ P}\acute{i}C_{\eta}P_{\epsilon}P \cdot \text{PSP}^{\circ}C\ddagger P^{\circ}C_{\mathbb{H}}C, CH \text{ C}\acute{r} \text{ C}\acute{I}PeP\gg P^{\circ}PrC- \text{ PePsPjP}\pm C-PSPsPIP^{\circ}PSPsC-$
 $C, P_{\mu}C_{\eta}P^{\circ}P\acute{i}C-C- \text{ P} \cdot \text{C}\ddagger P_{\epsilon}PeP\gg PsC\acute{I}P\acute{i}PsC_{\eta}P_{\epsilon}PSPsPj \text{ C}, P^{\circ}$
 $PePsC_{\eta}C, P_{\epsilon}PePsC\acute{I}C, P_{\mu}C_{\eta}PsC-PrP^{\circ}PjP_{\epsilon} \text{ PrP}\gg C\acute{I} \text{ P}\acute{i}C_{\eta}PsC,, C-P\gg P^{\circ}PeC, P_{\epsilon}PeP_{\epsilon} \text{ PiPsC}\acute{I}C, C_{\eta}PsPiPs$
 $PIC-PrC, PsC_{\eta}PiPSP_{\mu}PSPSC\acute{I} \text{ PsC}_{\eta}PiP^{\circ}PSP^{\circ} \text{ C}\acute{r} \text{ P}\acute{i}P^{\circ}C\ddagger C-C''PSC, C-PI \text{ P} \cdot \text{P}^{\circ}P\gg PsPiP_{\mu}PSPSPsC_{\mathbb{H}}$
 $C, C_{\eta}P^{\circ}PSC\acute{I}P\acute{i}P\gg P^{\circ}PSC, P^{\circ}C\ddagger C-C''C_{\mathbb{H}} \text{ PSP}_{\epsilon}C_{\eta}PeP_{\epsilon}, \text{ C}\acute{I}P_{\mu}C_{\eta}C\ddagger C\acute{I} \text{ P}^{\circ}P\pm Ps \text{ P}\acute{i}P_{\mu}C\ddagger C-PSPeP_{\epsilon}.$

$P_{\mu}C_{\eta}PsC, P_{\epsilon}P\acute{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\acute{I}.$

$P \text{ P}_{\mu}P^{\circ}PeC\ddagger C-C- \text{ P}\acute{i}C-P\acute{i}P_{\mu}C_{\eta}C\ddagger C\acute{r}C, P\gg P_{\epsilon}PIPsC\acute{I}C, C- \text{ PrPs } PjC-PePsC,, P_{\mu}PSPsP\gg P^{\circ}C, C\acute{r}$
 $PjPsC,, P_{\mu}C, P_{\epsilon}P\gg C\acute{r}, PjC-PePsC,, P_{\mu}PSPsP\gg PsPIPsC- \text{ PeP}_{\epsilon}C\acute{I}P\gg PsC, P_{\epsilon} \text{ P}^{\circ}P\pm Ps \text{ P}\pm C\acute{r}PrC_{\mathbb{H}}$
 $C\acute{I}PePsC- \text{ P} \cdot \text{PrPsPiPsPjC-P}\acute{I}PSP_{\epsilon}C... \text{ C}_{\eta}P_{\mu}C\ddagger PsPIP_{\epsilon}PS. \text{ P}_{\mathbb{H}}C_{\eta}P_{\epsilon} \text{ P} \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC-$
 $P\acute{i}C_{\eta}P_{\mu}P\acute{i}P^{\circ}C_{\eta}P^{\circ}C, C\acute{r} \text{ P}_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} \text{ C}\acute{I}P\acute{i}PsC\acute{I}C, P_{\mu}C_{\eta}C-PiP^{\circ}P\gg P_{\epsilon} \text{ PIP}_{\epsilon}P\acute{i}P^{\circ}PrPeP_{\epsilon}$
 $C_{\eta}P_{\mu}P^{\circ}PeC\ddagger C-P_{\mathbb{N}} \text{ P}\acute{i}C-P\acute{i}P_{\mu}C_{\eta}C\ddagger C\acute{r}C, P\gg P_{\epsilon}PIPsC\acute{I}C, C- (\text{PrP}_{\epsilon}PI. \text{ C}_{\eta}PsP \cdot \text{PrC}-P\gg \text{ B}\langle P_{\mathbb{H}}PsP\pm C-C\ddagger PSC-$
 $C_{\eta}P_{\mu}P^{\circ}PeC\ddagger C-C-B\rangle).$

$P_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} \text{ PSP}_{\mu} \text{ C}\acute{I}P\gg C-Pr \text{ P}\acute{i}C_{\eta}P_{\epsilon}P \cdot \text{PSP}^{\circ}C\ddagger P^{\circ}C, P_{\epsilon} \text{ P}\acute{I}C-PSPeP^{\circ}Pj$
 $C_{\eta}P_{\mu}P\acute{i}C_{\eta}PsPrC\acute{r}PeC, P_{\epsilon}PIPsPsPiPs \text{ PIC}-PeC\acute{r}, C\acute{I}PeC- \text{ PSP}_{\mu} \text{ P} \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}C_{\mathbb{H}}C, CH$
 $P_{\mu}C,, P_{\mu}PeC, P_{\epsilon}PIPSC- \text{ PjP}_{\mu}C, PsPrP_{\epsilon} \text{ PePsPSC}, C_{\eta}P^{\circ}C\ddagger P_{\mu}P\acute{i}C\ddagger C-C- (\text{PrP}_{\epsilon}PI. \text{ C}_{\eta}PsP \cdot \text{PrC}-P\gg$
 $\text{ B}\langle P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\acute{I} \text{ C}\acute{r} \text{ P}\acute{i}P_{\mu}C_{\eta}C-PsPr \text{ PIP}^{\circ}P\acute{i}C-C, PSPsC\acute{I}C, C- \text{ P}^{\circ}P\pm Ps$
 $PiPsPrC\acute{r}PIP^{\circ}PSPSC\acute{I} \text{ P}\acute{i}C_{\eta}C\acute{r}PrPrC_{\mathbb{H}}B\rangle).$

$P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\acute{I} \text{ P}\acute{i}C_{\eta}P_{\mu}P\acute{i}P^{\circ}C_{\eta}P^{\circ}C, PsPj \text{ P}_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} \text{ PSP}_{\mu} \text{ C}\acute{I}P\gg C-Pr$
 $C_{\eta}PsP \cdot P\acute{i}PsC\ddagger P_{\epsilon}PSP^{\circ}C, P_{\epsilon} \text{ PrP}\gg C\acute{I} \text{ P}\acute{I}C-PSPsPe \text{ C}_{\eta}P_{\mu}P\acute{i}C_{\eta}PsPrC\acute{r}PeC, P_{\epsilon}PIPsPsPiPs \text{ PIC}-PeC\acute{r},$
 $C\acute{I}PeC- \text{ PSP}_{\mu} \text{ P} \cdot \text{C}_{\eta}PsP\pm P_{\epsilon}P\gg P_{\epsilon} \text{ C}, P_{\mu}C\acute{I}C, \text{ PSP}^{\circ} \text{ PIP}^{\circ}P\acute{i}C-C, PSC-C\acute{I}C, CH, \text{ PrP}\gg C\acute{I}$
 $C\acute{r}PSP_{\epsilon}PePSP_{\mu}PSPSC\acute{I} \text{ PIP}_{\epsilon}P\acute{i}P^{\circ}PrPePsPIPsPiPs \text{ P} \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\acute{I}$
 $P\acute{i}C_{\eta}P_{\mu}P\acute{i}P^{\circ}C_{\eta}P^{\circ}C, C\acute{r} \text{ C}\acute{r} \text{ P}\acute{i}P_{\mu}C_{\eta}C-PsPr \text{ PIP}^{\circ}P\acute{i}C-C, PSPsC\acute{I}C, C- (\text{PrP}_{\epsilon}PI. \text{ C}_{\eta}PsP \cdot \text{PrC}-P\gg$
 $\text{ B}\langle P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\acute{I} \text{ C}\acute{r} \text{ P}\acute{i}P_{\mu}C_{\eta}C-PsPr \text{ PIP}^{\circ}P\acute{i}C-C, PSPsC\acute{I}C, C- \text{ P}^{\circ}P\pm Ps$
 $PiPsPrC\acute{r}PIP^{\circ}PSPSC\acute{I} \text{ P}\acute{i}C_{\eta}C\acute{r}PrPrC_{\mathbb{H}}B\rangle).$

$P_{\mathbb{H}}C-C,, P_{\mu}PSP^{\circ}PeC\acute{I}^{B^{\circ}} \text{ PSP}_{\mu} \text{ C}\acute{I}P\gg C-Pr \text{ P} \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C, P_{\epsilon} \text{ C}\acute{r} \text{ P}\acute{i}P_{\mu}C_{\eta}C-PsPr$

PIP°PiC-C,PSPsCfC,C-, PsPeCfC-Pj PIPëPiP°PrPeC-PI, PePsP»Pë PIC-PrCfCfC,PSC°
P°P»CHC,PµCfPSP°C,PëPIPSµ P»C-PeCfPIP°PSPSCf PrP»Cf P·P°PiPsP±C-PiP°PSPSCf
PIC-PrC,PscfPiPSPµPSPSCf C,CfP°PSCfPiP»P°PSC,P°C,P° (PrPëPI. CfPsP·PrC-P»
B«P—P°CfC,PscfCfPIP°PSPSCf Cr PiPµCfC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrCfPIP°PSPSCf PiCfCfPrPrCfB»).

PfC-C,,PµPSP°PeCf^{B®} PSPµ CfP»C-Pr P·P°CfC,PscfPsPICfPIP°C,Pë Cr PiPµCfC-PsPr
PiPsPrCfPIP°PSPSCf PiCfCfPrPrCf (PrPëPI. CfPsP·PrC-P» B«P—P°CfC,PscfCfPIP°PSPSCf Cr
PiPµCfC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPIP°PSPSCf PiCfCfPrPrCfB»).

PfCfPsP±P»PëPIC- P·P°C...PsPrPë P±PµP·PiPµPePë.

PfCfPeC-P»CHPePë Cr PjC-PePsC,,PµPSPsP»P°C,Cr PjPsC,,PµC,PëP»Cr PIPëCfPIP»PµPSPs
C,PµCfP°C,PsiPiPµPSPSCf PrC-Cf, PeP°PiCfCfP»Pë PiCfPµPiP°CfP°C,Cr PSPµ CfP»C-Pr
PIC-PrPeCfPëPIP°C,Pë P°P±Ps CfPsP·P»P°PjCfPIP°C,Pë. PkPµPsP±C...C-PrPSPs CrPSPëPeP°C,Pë
PIPrPëC...P°PSPSCf PiPsCfPsCfPeCf, C°Ps PjC-CfC,PëC,CHCfCf PI PeP°PiCfCfP»P°C...,
P°P±Ps PµPsPiPs PiCfCfPjPsPiPs PiPsC,CfP°PiP»CfPSPSCf PSP° CfPeC-CfCf C±Pë
CfP»PëP·PsPIC- PsP±PsP»PsPSPë. PiPeC°Ps C±Pµ PIC-PrP±CfP»PsCfCf, PiPsC,CfC-P±PSPs
CfPµC,PµP»CHPSPs PiCfPsPjPëC,Pë CrCfP°PµPSCf PrC-P»CfPSPeCf PiPsPrPsCf P·
PjPëP»PsPj, P° PsC±C- Bf” P»PëCfPµ PiPsPrPsCf.

PkPµPIPëPePsCfPëCfC,P°PSPëPµ PiCfPµPiP°CfP°C, CfP»C-Pr CrC,PëP»C-P·CfPIP°C,Pë
P·PiC-PrPSPs P· PjC-CfC±PµPIPëPjPë PIPëPjPsPiP°PjPë.

P'P·P°C”PjPsPrC-Cf P· C-PSCfPëPjPë P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCfC- PIPëPrPë PIP·P°C”PjPsPrC-PN.

PfCfPëPeP»PsPIC-Cf. PµP»P°P·PjPsPIC- PePsPSC±PµPSC,CfP°CfC-C— P°CfPëPeP»PsPIC-CfCf
PIPëC°C- PiCfPë P·P°CfC,PscfCfPIP°PSPSC- CfP°P·PsPj C-P· PjC-PePsC,,PµPSPsP»P°C,Cr
PjPsC,,PµC,PëP»PsPj PiPsCfC-PIPSCfPSPs P· PIPµPrPµPSPSCfPj P»PëCfPµ
P°CfPëPeP»PsPIC-CfCf. P—PjC-PSPë Cr C,,P°CfPjP°PePsPeC-PSPµC,PëCfC-
C,,PµPSPsP»CHPSPsPiPs PiP»CfPeCfCfPsPSC-PrCf PjC-PePsC,,PµPSPsP»PsPiPsC—
PePëCfP»PsC,Pë (P·P±C-P»CHCfPµPSPSCf PSP° 8% PrP»Cf PfPαPµP”) P±CfP»Pë
PjC-PSC-PjP°P»CHPSPëPjPë C- PSPµ PIP°PµP°P»PëCfCf PeP»C-PSC-C±PSPs
P·PSP°CfCfC°PëPjPë. P'PSP°CfP»C-PrPsPe C,PsiPiPs, C°Ps PiP»P°P·PjPsPIC-
PePsPSC±PµPSC,CfP°CfC-C— PfPαPµP” CfPe C- PePsPSC±PµPSC,CfP°CfC-C—
P°CfPëPeP»PsPIC-CfCf PiC-PrPIPëC°CfCf,CHCfCf PiCfPë PSP°CfPIPSPsCfC,C-
PiPsCfCfCfPµPSPSCf PSPëCfPsPe, C-CfPSCfC” PjPsPµP»PëPIC-CfC,CH C,PsiPiPs, C°Ps
PjC-PePsC,,PµPSPsP»P°C,Cr PjPsC,,PµC,PëP» C,P° P°CfPëPeP»PsPIC-Cf P°P±Ps PµPsPiPs
PiCfPsP»C-PePë, PSP°PiCfPëPeP»P°Pr PIP°P»P°CfPëPeP»PsPIC-Cf, P±CfPrCfC,CH
PePsPSPeCfCfPIP°C,Pë P·P° C,CfP±CfP»CfCfPSCf CfPµPeCfPµCfC-Cf, C,P° PjPsPµPµ
CfPiPsCfC,PµCfC-PiP°C,PëCfCf PiPsPrP°P»CHCfPµ PiC-PrPIPëC°PµPSPSCf
PePsPSC±PµPSC,CfP°CfC-PN PsP±PsC... CfPµC±PsPIPëPS.

PfPSC,P°CfPëPrPë C,P° C-PSPiC-P±C-C,PscfPë PiCfPsC,PSPSPsC— PiPsPjPiPë (P±PµPµ).
P'PiPsCfC,PµCfC-PiP°P»PsCfCf P·PSPëPµPµPSPSCf PIPiP»PëPICf
PjC-PePsC,,PµPSPsP»PsPiPsC— PePëCfP»PsC,Pë (PfPαPµ), PePsP»Pë P°PSC,P°CfPëPrPë,
C,P°PeC- CfPe PjP°PiPSC-Cf C- P°P»CfPjC-PSC-Cf PiC-PrCfPsPeCfPëPrPë, C- P±PµPµ, PI

C,PsPjCf C±PëCfP»C- C- P»P°PSCfPsPïCfP°P·PsP», PïP°PSC,PsPïCfP°P·PsP»
P·P°CfC,PsCfPsPICfPIP°P»Pë CfP°P·PsPj P· PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»PsPj.
PµCfPë PïPsCfC-PIPSCfPSPSC- CëPIPëPrPePsCfC,C- PIC-PrC,PsCfPiPSPµPSPSCf
C,CfP°PSCfPïP»P°PSC,P°C,P° P°P±Ps CfC-PIPSCf PIC,CfP°C,Pë C,CfP°PSCfPïP»P°PSC,P°C,P°
PjC-P¶ PïP°CfC-C°PSC,P°PjPë, C¶PeC- CfP°P·PsPj P· PjC-PePsC,,PµPSPsP»P°C,Cf
PjPsC,,PµC,PëP»PsPj PïCfPëPñPjP°CfC,Ch P†PµPµ, C- C,PëPjPë PïP°CfC-C°PSC,P°PjPë, C¶PeC-
PSPµ PïCfPëPñPjP°CfC,Ch P†PµPµ, PSC-C¶PePëC... C-CfC,PsC,PSPëC...
PIC-PrPjC-PSPSPSCfC,PµPñ PSPµ P±CfP»Ps. PjC- PrP°PSC- PïC-PrC,PIPµCfP†P¶CfCfC,Ch
PµPeCfC,CfP°PïPsP»C¶CfC-Cf C†PëC... CfPµP·CfP»ChC,P°C,C-PI PSP° PICfC-
P°PSC,P°C†PëPrPë, PsCfPeC-P»ChPePë P·PjPµPSCëPµPSPSCf PIPïP»PëPICf PïCfPë
PsPrPSPSc±P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PjC-PePsC,,PµPSPsP»P°C,Cf
PjPsC,,PµC,PëP»Cf P· PjP°PiPSC-C°PIPëPjPë C- P°P»CfPjC-PSC-C°PIPëPjPë
PiC-PrCfPsPsPePëCfP°PjPë P·PSP°C±PSPs PjPµPSCëPµ, PSC-P¶ PïCfPë
PsPrPSPSc±P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PjC-PePsC,,PµPSPsP»P°C,Cf
PjPsC,,PµC,PëP»Cf C,P° P†PµPµ.

P>C-PeP°CfCfChPeC- P·P°CfPsP±Pë, C%Ps PïPsCfCfCëCfCfC,Ch
PµPSC,PµCfPsPiPµPïP°C,PëC±PSCf C†PëCfPeCfP»C¶CfC-Cf (PSP°PïCfPëPeP»P°Pr
C...PsP»PµCfC,PëCfP°PjC-PS, C†PëPeP»PsCfPïPsCfPëPS Pñ, P°PSC,PëP±C-PsC,PëPePë).
PŸP»C-Pr PsP±PµCfPµP¶PSPs PïC-PrC...PsPrPëC,Pë PrPs P»C-PeP°CfCfChPePëC...
P·P°CfPsP±C-PI, C¶PeC- PïPsCfCfCëCfCfC,Ch PµPSC,PµCfPsPiPµPïP°C,PëC±PSCf
C†PëCfPeCfP»C¶CfC-Cf, PICfP°C...PsPICfCfC±Pë C—C... PïPsC,PµPSC†C-PñPSCf
P·PrP°C,PSC-CfC,Ch P·PSPëP¶CfPIP°C,Pë PµC,,PµPeC,PëPIPSC-CfC,Ch
PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf.

PfPsP»PµCfC,PëCfP°PjC-PS. PµC-CfP»C¶ P·P°CfC,PsCfCfPIP°PSPSCf
PsPrPSPsPeCfP°C,PSPsC— PrPsP·Pë 1,5 Pi PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf
P·PrPsCfPsPIPëPj PrPsP±CfPsPIPsP»ChC†C¶Pj, C¶PeC- PïPsPiPµCfPµPrPSCfPs
P·P°CfC,PsCfPsPICfPIP°P»Pë PïPs 4 Pi C...PsP»PµCfC,PëCfP°PjC-PSCf 3 CfP°P·Pë PSP°
PrPsP±Cf PïCfPsC,C¶PiPsPj 4 PrPSC-PI, CfPïPsCfC,PµCfC-PiP°P»PsCfC¶
P·PjPµPSCëPµPSPSCf AUC_{PñPñPñ} PSP° 40% (PrPëPI. CfPsP·PrC-P»Pë B«PñCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCfB», B«PñP°CfPjP°PePsPeC-PSPµC,PëPeP°B»). PŸP»C-Pr
PsP±PµCfPµP¶PSPs PïC-PrC...PsPrPëC,Pë PrPs PsPrPSPsC±P°CfPSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCf PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf C,P°
C...PsP»PµCfC,PëCfP°PjC-PSCf, PICfP°C...PsPICfCfC±Pë PïPsC,PµPSC†C-PñPSCf
P·PrP°C,PSC-CfC,Ch P·PSPëP¶PµPSPSCf PµC,,PµPeC,PëPIPSPsCfC,C-
PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf.

PjPëPeP»PsCfPiPsCfPëPS Pñ. PñP°CfPjP°PePsPeC-PSPµC,PëPeP° C†PëPeP»PsCfPïPsCfPëPSCf
Pñ PSPµ P·PjC-PSCfC°C,ChCfC¶ PïCfPë P·P°CfC,PsCfCfPIP°PSPSC-
PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf. PñP°PIP°PePë, PïCfPë PïCfPëPïPëPSPµPSPSC-
PsPrPSPsC±P°CfPSPsPiPs P»C-PeCfPIP°PSPSCf C†PëPeP»PsCfPïPsCfPëPSPsPj PjPsP¶PSP°
PsC±C-PeCfPIP°C,Pë PïC-PrPIPëC%PµPSPSCf AUC_{PñPñPñ} PïCfPëP±P»PëP·PSPs PSP° 30%.
PjPëPeP»PsCfPiPsCfPëPS Pñ PIPïP»PëPIP°C° PSP° PµPSC,PµCfPsPiPµPïP°C,PëC±PSCf
CfPµC†PëCfPeCfP»C¶CfC-Cf MPñPñ, C%Ps PïCfPëP·PIPsPrPëC,Ch PrPs P·PSPëP¶PµPSPSCf
PµPeCfPiPsP·PëC†C-C— MPñPñ PSP° 30-50% Cf C...PIPsCfPëC... PïC-CfP»C¶
C,CfP°PSCfPïP»P°PSC,P°C†C-C— PSPëCfPePë, C¶PeC- PsC,CfPëPjCfPIP°P»Pë
PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP» C- C†PëPeP»PsCfPïPsCfPëPS Pñ
PïPsCfC-PIPSCfPSPs P· PïP°C†C-C°PSC,P°PjPë, C¶PeC- PsC,CfPëPjCfPIP°P»Pë
CfPëCfPsP»C-PjCfCf P°P±Ps P±PµP»P°C,P°C†PµPïC, C,P° P°PSP°P»PsPiC-C±PSC- PrPsP·Pë
PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf (PrPëPI. C,P°PePsP¶ CfPsP·PrC-P»

B«PhCfPSP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»). P† PSP°PIPIP°PePë, P·PjC-PSPë PµPeCfPiPsP·PëC†C-C— MPαPъ CfP»C-Pr PsC†C-PeCfPIP°C,Pë PiCfPë PiPµCfPµPIPµPrPµPSPSC- PiP°C†C-C”PSC,C-PI P· C†PëPeP»PsCfPiPsCfPëPSCr Ph PSP° PsPrPëPS P· C-PjCfPSPsCfCfPiCfPµCfP°PSC,C-PI, CµPeC- PSPµ PIPIP»PëPIP°CfC,Ch PSP° PµPSC,PµCfPSPiPµPiP°C,PëC†PSPëPNë C†PëPeP» MPαPъ.

PhPSC,PëP±C-PsC,PëPePë, CµPeC- P·PjPµPSCëCfCfC,Ch PeC-P»ChPeC-CfC,Ch P±P°PeC,PµCfC-PNë, C%Ps PiCfPSPPrCfPeCfCfC,Ch β-PiP»ChPeCfCfPSPSC-PrP°P·Cf, Cf PePëCëPµC†PSPëPeCf (PSP°PiCfPëPeP»P°Pr P°PjC-PSPsPiP»C-PePsP·PëPrPë, C†PµC,,P°P»PsCfPiPsCfPëPSPë, C,,C,PsCfC...C-PSPsP»PsPSPë C,P° PiPµPSC-C†PëP»C-PSPë), PjPsP¶CfC,Ch PIPIP»PëPIP°C,Pë PSP° PµPSC,PµCfPSPiPµPiP°C,PëC†PSCr C†PëCfPeCfP»CµC†C-Cf PъPαPъP”/PъPαPъ, C%Ps PjPsP¶Pµ PiCfPëP·PIPsPrPëC,Pë PrPs P·PSPëP¶PµPSPSCf C†PëCfC,PµPjPSPsC— PµPeCfPiPsP·PëC†C-C— PъPαPъ. PkP°CµPIPSP° C-PSC,,PsCfPjP°C†C-Cµ C%PsPrPs P·P°P·PSP°C†PµPSPëC... PSPëP¶C†Pµ P°PSC,PëP±C-PsC,PëPeC-PI.

PiPëPiCfPSPC,,P»PsPeCfP°C†PëPS C,P° P°PjPsPeCfPëC†PëP»C-PS P· PeP»P°PICzP»PsPSPsPIPsCf PePëCfP»PsC,PsCf. PµPsPIC-PrPsPjP»CµP»Pë PiCfPs P·PSPëP¶PµPSPSCf PiCfPµPrPsP·PsPIPsC— (PjC-PSC-PjP°P»ChPSPsC—) PePsPSC†PµPSC,CfP°C†C-C— PъPαPъ PiCfPëP±P»PëP·PSPs PSP° 50% PiCfPsC,CµPiPsPj PrPµPeC-P»ChPePsC... PrPSC-PI PiC-CfP»Cµ PiPµCfPSPCfP°P»ChPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf C†PëPiCfPSPC,,P»PsPeCfP°C†PëPSCr C†Pë P°PjPsPeCfPëC†PëP»C-PSCr P· PeP»P°PICrP»PsPSPsPIPsCf PePëCfP»PsC,PsCf Cf PiP°C†C-C”PSC,C-PI P· PSPëCfPePsPIPëPjPë C,CfP°PSCfPiP»P°PSC,P°C,P°PjPë. P†P· PiCfPSPPrPsPIP¶PµPSPSCfPj P°PSC,PëP±C-PsC,PëPePsC,PµCfP°PiC-C— PrP°PSPëPNë PµC,,PµPeC, PjP°PI C,PµPSPPrPµPSC†C-Cf PrPs P·PjPµPSCëPµPSPSCf C,P° P·PSPëPeP°PI PiC-CfP»Cµ PiCfPëPiPëPSPµPSPSCf P»C-PeCfPIP°PSPSCf P°PSC,PëP±C-PsC,PëPeP°PjPë. P—PjC-PSPë PiCfPµPrPsP·PsPIPsPiPs CfC-PIPSfCf PSPµ PjPsP¶CfC,Ch C,PsC†PSPs CfPIC-PrC†PëC,Pë PiCfPs P·PjC-PSPë P·P°PiP°P»ChPSPsC— PµPeCfPiPsP·PëC†C-C— PъPαPъ. P’C-PrPiPsPIC-PrPSPs, P·P°P·PIPëC†P°PNë PSPµPjP°C” PSPµPsP±C...C-PrPSPsCfC,C- Cf P·PjC-PSC- PrPsP·Pë PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf Cf CfP°P·C- PIC-PrCfCfC,PSPsCfC,C- PeP»C-PSC-C†PSPëC... PsP·PSP°Pe PrPëCfC,,CfPSPëC†C-C— C,CfP°PSCfPiP»P°PSC,P°C,P°. PhPrPSP°Pe PSPµPsP±C...C-PrPSPs PiCfPSPiPsPrPëC,Pë CfPµC,PµP»ChPSPëPNë PeP»C-PSC-C†PSPëPNë PjPsPSC-C,PsCfPëPSPi PiC-Pr C†P°Cf PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeCfPIP°PSPSCf C- PSPµPIPrPsPIP·C- PiC-CfP»Cµ P»C-PeCfPIP°PSPSCf P°PSC,PëP±C-PsC,PëPeP°PjPë.

PkPsCfC,,P»PsPeCfP°C†PëPS C,P° PjPµC,CfPSPSC-PrP°P·PsP». Pj P·PrPsCfPSPiPëC... PrPsP±CfPSPiPsP»ChC†C-PI PSPµ CfPiPsCfC,PµCfC-PiP°P»PsCfCµ P·PSP°C†CfC%PsC— PIP·P°C”PjPsPrC-C— PiCfPë PsPrPSPsC†P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf P· PSPsCfC,,P»PsPeCfP°C†PëPSPsPj C,P° PjPµC,CfPSPSC-PrP°P·PsP»PsPj PsPeCfPµPjPs. PµCfPSPC,Pµ PePsPjP±C-PSP°C†C-Cµ PSPsCfC,,P»PsPeCfP°C†PëPSCr C,P° PjPµC,CfPSPSC-PrP°P·PsP»Cf PjPsP¶Pµ P·PjPµPSCëCfPIP°C,Pë PµPeCfPiPsP·PëC†C-Cf PъPαPъ PiCfPëP±P»PëP·PSPs PSP° 30% PiC-CfP»Cµ PsPrPSPsCfP°P·PsPIPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf PjC-PePsC,,PµPSPsP»P°C,Cf PjPsC,,PµC,PëP»Cf.

PjCfPëPjPµC,PsPiCfPëPj/CfCzP»ChC,,P°PjPµC,PsPeCfP°P·PsP». PkC-CµPePsPiPs PIPIP»PëPICf PSP° P±C-PsPrPsCfC,CfPiPSC-CfC,Ch PъPαPъ PSPµ CfPiPsCfC,PµCfC-PiP°P»PsCfCµ.

P>C-PeP°CfCfChPeC- P·P°CfPSP±Pë, CµPeC- PIPIP»PëPIP°CfC,Ch PSP° PiP»ChPeCfCfPSPSC-P·P°C†C-Cf (PSP°PiCfPëPeP»P°Pr C-P·P°PICfPePsPSP°P·PsP».

C, P_μP»PjC-Cl'P°C₅C, P°PS).

PhPrPSPsC_±P°Cl'PSP_μ P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ P»C-PeP°C₅Cl'CHPePëC... P·P°Cl'PsP±C-PI, Cl_μPeC- PIPiP»PëPIP°C₅C, CH PSP° PiP»CHPeCrC₅PsPSC-P·P°Cl'C-CH PhPαP₅, PjPsP_μP_μ P·PjC-PSPëC, Pë P_μPeCl'PiPsP·PëC_±C-CH PhPαP₅. P₅PsPjCr C₅P_μPePsPjP_μPSPPrCrC''C, CHCl'Cl_μ PiC₅PsCl_μPIP»Cl_μC, Pë PsP±P_μC₅P_μP_μPSC-Cl'C, CH PiC-Pr C_±P°Cl' P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ C_±PëC... P»C-PeP°C₅Cl'CHPePëC... P·P°Cl'PsP±C-PI PsPrPSPsC_±P°Cl'PSPs P· PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»PsPj.

P₅P·P°PIC₂PePsPSP°P·PsP». P—P±C-P»CHC€P_μPSPSCl_μ AUC_{0-∞} MPαP₅ PSP° 35% Cl'PiPsCl'C, P_μC₅C-PiP°P»PsCl'Cl_μ PiC-Pr C_±P°Cl' PsPrPSPsC_±P°Cl'PSPsPiPs P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ P· C-P·P°PIC₂PePsPSP°P·PsP»PsPj.

P₅P_μP»PjC-Cl'P°C₅C, P°PS. PhPrPSPsC_±P°Cl'PSP_μ P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ C, P_μP»PjC-Cl'P°C₅C, P°PSCr C- PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»Cr PiC₅PëP·PiPsPrPëC, CH PrPs P·PSPëP_μP_μPSPSCl_μ PePsPSC_±P_μPSC, C₅P°Cl'C-C— MPαP₅ PiC₅PëP±P»PëP·PSPs PSP° 30%. P₅P_μP»PjC-Cl'P°C₅C, P°PS PIPiP»PëPIP°C'' PSP° P_μP»C-PjC-PSP°Cl'C-CH PhPαP₅ C€P»Cl_μC... PsPj PiC-PrPIPëC%₀P_μPSPSCl_μ P_μPeCl'PiC₅P_μCl'C-C— PiP°PjPjP°-C₅P_μC_±P_μPiC, PsC₅C-PI, Cl_μPeC- P°PeC, PëPICrC₅C, CH PiC₅PsP»C-C,, P_μC₅P°Cl'C-CH PiP_μC₅PsPeCl'PëCl'PsPj, C%₀Ps, Cr Cl'PiPsC₅C C_±P_μC₅PiCr, PiC₅PëP·PiPsPrPëC, CH PrPs PiPsCl'PëP»P_μPSPSCl_μ P_μPeCl'PiC₅P_μCl'C-C— C, P° P°PeC, PëPIPSPsCl'C, C- UGT1A9. P_μC₅Pë PiPsC₅C-PIPSCl_μPSPSC- C€PIPëPrPePsCl'C, C- PIC-PrC, PsC₅PiPSP_μPSPSCl_μ C, C₅P°PSCl'PiP»P°PSC, P°C, P°, C₅C-PIPSCl_μ PIC, C₅P°C, Pë C, C₅P°PSCl'PiP»P°PSC, P°C, P° P°P±Ps PiC₅PsC,, C-P»CH PiPsP±C-C_±PSPëC... C₅P_μP°PeCl'C-PN₂ Cl'P_μC₅P_μPr PiP°Cl'C-C''PSC, C-PI, Cl_μPeC- PiC₅PëP_μPjP°C₅C, CH PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP» P· P°P±Ps P±P_μ· Cl'CrPiCrC, PSCHPsPiPs PiC₅PëP_μPsPjCr C, P_μP»PjC-Cl'P°C₅C, P°PSCr, PeP»C-PSC-C_±PSPëC... PSP°Cl'P»C-PrPeC-PI C,, P°C₅PjP°PePsPeC-PSP_μC, PëC_±PSPsC— PIP·P°C''PjPsPrC-C— PiC₅P_μPiP°C₅P°C, C-PI PSP_μ Cl'PiPsCl'C, P_μC₅C-PiP°P»PsCl'Cl_μ.

P°P°PSC_±PëPeP»PsPIC-C₅. P—P° C₅P_μP·CrP»CHC, P°C, P°PjPë PrPsCl'P»C-PrP_μP_μPSPSCl_μ P· C₅P°P·PsPIPëPj PiP_μC₅PsC₅P°P»CHPSPëPj PiC₅PëPN₂PsPjPsPj C₅P_μPePsPjP_μPSPPrPsPIP°PSPëC... PrPsP· PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»Cr C- PIPSCrC, C₅C-C€PSCHPsPiP_μPSPSPëPj PIPiP_μPrP_μPSPSCl_μPj PiP°PSC_±PëPeP»PsPIC-C₅Cr P· CrC₅P°C...CrPIP°PSPSCl_μPj PIC-PrPsPjPsPiPs PIPiP»PëPICr PSPëC₅PePsPiPsC— PSP_μPrPsCl'C, P°C, PSPsCl'C, C- PSP° C,, P°C₅PjP°PePsPeC-PSP_μC, PëPeCr PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»Cr C- PiP°PSC_±PëPeP»PsPIC-C₅Cr PjPsP_μPSP° PsC_±C-PeCrPIP°C, Pë, C%₀Ps PsPrPSPsC_±P°Cl'PSP_μ P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ C_±PëC... P·P°Cl'PsP±C-PI (C%₀Ps PePsPSPeCrC₅CrC₅C, CH P·P° C, CrP±CrP»Cl_μC₅PSCr Cl'P_μPeC₅P_μC_±C-CH) PiC₅PëP·PiP_μPrP_μ PrPs PiC-PrPIPëC%₀P_μPSPSCl_μ PePsPSC_±P_μPSC, C₅P°Cl'C-PN₂ PhPαP₅P'' C- PiP°PSC_±PëPeP»PsPIC-C₅Cr. P_±Cl'C, PsC, PSPsC— P·PjC-PSPë C,, P°C₅PjP°PePsPeC-PSP_μC, PëPePë PhPαP₅ PSP_μ PsC_±C-PeCrC''C, CHCl'Cl_μ, C, PsPjCr PePsC₅PëPiCrPIP°C, Pë PrPsP·Cr PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»Cr PSP_μ PiPsC, C₅C-P±PSPs. Pj PiP°Cl'C-C''PSC, C-PI C-P· PSPëC₅PePsPiPsC₅ PSP_μPrPsCl'C, P°C, PSC-Cl'C, CH, Cl_μPePëPj PsPrPSPsC_±P°Cl'PSPs PiC₅PëP·PSP°C_±P°C₅C, CH PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP» C, P° PiP°PSC_±PëPeP»PsPIC-C₅ P°P±Ps PN₂PsPiPs PiC₅PsP»C-PePë, PSP°PiC₅PëPeP»P°Pr PIP°P»PiP°PSC_±PëPeP»PsPIC-C₅, PSP_μPsP±C...C-PrPSPs PrPsC, C₅PëPjCrPIP°C, PëCl'Cl_μ C₅P_μPePsPjP_μPSPPrPsPIP°PSPsPiPs PrP»Cl_μ PiP°PSC_±PëPeP»PsPIC-C₅Cr C₅P_μP_μPëPjCr PrPsP·CrPIP°PSPSCl_μ C- C₅P_μC, P_μP»CHPSPs Cl'PiPsCl'C, P_μC₅C-PiP°C, Pë P·P° Cl'C, P°PSPsPj C...PIPsC₅PëC....

P_μP_μC₅PsC₅P°P»CHPSC- PePsPSC, C₅P°Cl'P_μPiC, PëPIPë. PhPrPSPsC_±P°Cl'PSP_μ P·P°Cl'C, PsCl'CrPIP°PSPSCl_μ PjC-PePsC,, P_μPSPsP»P°C, Cr PjPsC,, P_μC, PëP»Cr PSP_μ

PIPIP»PëPIP°C” PSP° C,,P°CTHPjP°PePsPeC-PSPμC,PëPeCf C,P° C,,P°CTHPjP°PePsPrPëPSP°PjC-PeCf
PiPμCTHPsCTHP°P»CHPSPëC... PePsPSC,CTHP°C†PμPiC,PëPIC-PI (PrPëPI. CTHPsP·PrC-P»
B«PαP°CTHPjP°PePsPeC-PSPμC,PëPeP°B»).

P PëC,,P°PjPiC-C†PëPS. PJ PiP°C†C-C”PSC,C-PI, CIIPeC- C,P°PePsP¶ PSPμ PiCTHPëPNëPjP°CTHC,CH
C†PëPeP»PsCfPiPsCTHPëPS, PsPrPSPsC†P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCII
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf C,P° CTHPëC,,P°PjPiC-C†PëPSCf
PiCTHPëP·PIPsPrPëC,CH PrPs P·PSPëP¶PμPSPSCII PμPeCfPiPsP·PëC†C-C—
PñPαPñ (AUC_{0-12 PiPsPrPëPS}) PIC-Pr 18% PrPs 70%. P PμPePsPjPμPSPPrCfC”C,CHCfCII
PiCTHPsPiPsPrPëC,Pë PjPsPSC-C,PsCTHPëPSPi CTHC-PIPSC-PI PμPeCfPiPsP·PëC†C-C— PñPαPñ C,P°
PIC-PrPiPsPIC-PrPSPëPj C†PëPSPsPj PePsCTHPëPiCfPIP°C,Pë PrPsP·Pë
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf PrP»CII PiC-PrC,CTHPëPjP°PSPSCII
PeP»C-PSC-C†PSPsC— PμC,,PμPeC,PëPIPsPSCfC,C- PiCTHPë PsPrPSPsC†P°CfPSPsPjCf
PiCTHPëP·PSP°C†PμPSPSC- CTHPëC,,P°PjPiC-C†PëPSCf.

PYPIPIPIPμP»P°PjPμCTH. P—PSPëP¶PμPSPSCII PŸ_{max} C- AUC_{0-12 PiPsPrPëPS}
PjC-PePsC,,PμPSPsP»PsPiPsC— PePëCfP»PsC,Pë PSP° 30% C,P° 25% PIC-PrPiPsPIC-PrPSPs
CfPiPsCfC,PμCTHC-PiP°P»Pë PiCTHPë PsPrPSPsC†P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf P· CfPμPIPIPμP»P°PjPμCTHPsPj P±PμP·
P±CfPrCH-CIIPePëC... PeP»C-PSC-C†PSPëC... PSP°CfP»C-PrPeC-PI (C,PsP±C,Ps P±PμP·
PIC-PrC,PsCTHPiPSPμPSPSCII C,CTHP°PSCfPiP»P°PSC,P°C,P°). P PμPePsPjPμPSPPrPsPiP°PSPs
PiCTHPëP·PSP°C†P°C,Pë PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP» C%PsPSP°PNëPjPμPSC€Pμ
P·P° 1 PiPsPrPëPSCf PrPs P°P±Ps C†PμCTHPμP· 3 PiPsPrPëPSPë PiC-CfP»CII PiCTHPëPNëPsPjCf
CfPμPIPIPμP»P°PjPμCTHCf PrP»CII PjC-PSC-PjC-P·P°C†C-C— PIPIP»PëPICf PSP°
P°P±CfPsCTHP±C†C-CT PñPαPñ. P’C-PrCfCfC,PSC- PrP°PSC- PiCTHPs PiP·P°C”PjPsPrC-CT
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf P· C-PSC€PëPjPë CTHPμC†PsPiPëPSP°PjPë, CIIPeC-
P·PI’CII·CfCTHC,CH C,,PsCfC,,P°C,, PeCTHC-Pj CfPμPIPIPμP»P°PjPμCTHCf.

PY°PeCTHPsP»C-PjCfCf. PJ PiP°C†C-C”PSC,C-PI C-P· C,CTHP°PSCfPiP»P°PSC,P°C,PsPj
PiPμC†C-PSPëPë PiCTHPë PsPrPSPsC†P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-
C,P°PeCTHPsP»C-PjCfCfCf C- PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf PSPμ
PIPëCIIPIP»PμPSPs P·PSP°C†CfC%PsPiPs PIPIP»PëPICf PSP° AUC C,P° PŸ_{max}
PjC-PePsC,,PμPSPsP»PsPiPsC— PePëCfP»PsC,Pë, P°PeC,PëPIPsPSPiPs PjPμC,P°P±PsP»C-C,Cf
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf. PñCTHPsC,Pμ PIC-PrPsPjPs PiCTHPs
PiC-PrPIPëC%PμPSPSCII AUC C,P°PeCTHPsP»C-PjCfCfCf PiCTHPëP±P»PëP·PSPs PSP° 20% Cf
PiP°C†C-C”PSC,C-PI P· C,CTHP°PSCfPiP»P°PSC,P°C,PsPj PiPμC†C-PSPëPë PiC-CfP»CII
P±P°PiP°C,PsCTHP°P·PsPiPsPiPs PiCTHPëPNëPsPjCf PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf
(1,5 Pi 2 CTHP°P·Pë PSP° PrPsP±Cf, PICCTHP°PSC†C- C- PIPIPIPμC†PμCTHC-), C%Ps P±CfPI
PiCTHPëP·PSP°C†PμPSPëPNë PiP°C†C-C”PSC,P°Pj, CIIPeC- PiCTHPëPNëPjP°CTHC,CH
C,P°PeCTHPsP»C-PjCfCf. PñPrPSP°Pe Cf PiP°C†C-C”PSC,C-PI P· C,CTHP°PSCfPiP»P°PSC,P°C,PsPj
PSPëCTHPëPë PePsPSC†PμPSC,CTHP°C†C-CII C,P°PeCTHPsP»C-PjCfCfCf PSPμ
P·PjC-PSC€PIP°P»P°CfCII PiC-Pr PrC-C”CT PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf
(PrPëPI. CTHPsP·PrC-P» B«PñCfPsP±P»PëPiPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCII»).

P-PëPIC- PIPIP°PeC†PëPSPë. P-PëPIC- PIPIP°PeC†PëPSPë PSPμ CfP»C-Pr PIPIPsPrPëC,Pë
PiP°C†C-C”PSC,P°Pj C-P· PiPsCTHCfC€PμPSPsCTH C-PjCfPSPSPsCTH PIC-PrPiPsPIC-PrPrCTH.
PñPSC,PëC,C-P»PsCfC,PIPsCTHPμPSPSCII Cf PIC-PrPiPsPIC-PrCH PSP° PIPIPIPμPrPμPSPSCII
C-PSC€PëC... PIPIP°PeC†PëPS PjPsP¶Pμ P±CfC,Pë P·PSPëP¶PμPSPμ (PrPëPI. CTHPsP·PrC-P»
B«PñCfPsP±P»PëPiPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCII»).

P”C-C,Pë. PkP°CIIPIPSC- PIC-PrPsPjPsCfC,C- PiCTHPs PiP·P°C”PjPsPrC-C— P»PëC€Pμ Cf
PrPsCTHPsCfP»PëC....

РμPсC,РμPSC†C-PNPSC- PIP·P°C”PjPsPrC-C—. PhPrPSPсC†P°C†PSPμ
P·P°C†C,PsC†C†PIP°PSPSC† P†C†PсP±PμPSPμC†P†PrC† C,P° PjC-PePsC,,PμPSPsP»P°C,C†
PjPsC,,PμC,P†P»C† C† PjP°PIP† C†C†P†C†PсPIPsPrP¶C†PIP°P»PsC†C†
P·P±C-P»CHC†PμPSPSC†Pj AUC P†PαP†P” C† P†P»P°P·PjC- PeC†PсPIC- C† 3 C†P°P·P†.
P†P°PeP†Pj C†P†PSPsPj, C-PSC†C- P»C-PeP°C†C†CHPеC- P·P°C†PsP±P†, C†PеC-
P†C-PrPrP°C†C,CHC†C† PеP°PSP°P»CHC†PμPIC-PN‡ C†PμPeC†PμC†C-C— C† PSP†C†PеP°C...,
PjPsP¶C†C,CH PеPsPSPеC†C†C†PIP°C,P† P· P†PαP†P”, C%oPs P†C†P†P·PIPsPrP†C,CH PrPs
P·P±C-P»CHC†PμPSPSC† PеPsPSC†PμPSC,C†P°C†C-C— P†PαP†P” P°P±Ps C-PSC†PsPiPs
P†C†PμP†P°C†P°C,C† C† P†P»P°P·PjC- PeC†PсPIC-, C†PеP†PN‡ C,P°PePsP¶
P†C-PrPrP°C”C,CHC†C† PеP°PSP°P»CHC†PμPIC-PN‡ C†PμPeC†PμC†C-C—.

PhC†PsP±P»P†PIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSC†.

P†PsPIPsC†C,PIPsC†PμPSPSC†

PμP°C†C-C”PSC,P†, C†PеC- PsC,C†P†PjC†C†C,CH C-PjC†PSPсC†C†P†C†PμC†PsC†PSC-
C†C...PμPjP† P· PеPsPjP±C-PSP°C†C-C†PjP† P»C-PeP°C†C†CHPеP†C... P·P°C†PsP±C-PI,
PIPeP»CHC†P°CHC†P† PjC-PePsC,,PμPSPsP»P°C,C† PjPsC,,PμC,P†P», PjP°CHC,CH
P†C-PrPIP†C%oPμPSP†PN‡ C†P†P·P†Pе C†PсP·PIP†C,PeC† P»C-PjC,,PsPj C,P° C-PSC†P†C...
P·P»PsC†PеC-C†PSP†C... PSPsPIPsC†C,PIPsC†PμPSC†, PsC†PsP±P»P†PIPs C†PеC-C†P†
(PrP†PI. C†PсP·PrC-P» B«PμPsP±C-C†PSC- C†PμP°PeC†C-C—B»). P P†P·P†Pе, C†PIP†PrC†Pμ
P·P° PIC†Pμ, P†PsPI'C†P·P°PSP†PN‡ P· C-PSC,PμPSC†P†PIPSC-C†C,CH C,P°
C,C†P†PIP°P»C-C†C,CH C-PjC†PSPсC†C†P†C†PμC†C-C—, PSC-P¶ C-P·
P·P°C†C,PsC†C†PIP°PSPSC†Pj P†PμPIPsPsPiPs P»C-PeP°C†C†CHPеPsPiPs P·P°C†PsP±C†.
P—P°PiP°P»CHPSPсCH C†PμPePsPjPμPSPPrP°C†C-C”CH PrP»C† PjC-PSC-PjC-P·P°C†C-C—
C†P†P·P†PеC† C†PсP·PIP†C,PeC† C†P°PeC† C†PеC-C†P† C” PsP±PjPμP¶PμPSPSC† P†P»P†PIC†
C†PsPSC†C†PSPsPiPs C,P° C†P»CHC,C†P°C,,C-PsP»PμC,PsPIPsPiPs C†PIC-C,P»P°
C†P»C†C...PsPj P·P°C...P†C†PSPsPiPs PsPrC†PiC† C,P° P†P†PеPsC†P†C,P°PSPSC†
C†PsPSC†PμP·P°C...P†C†PSP†C... P·P°C†PsP±C-PI P· P†P†C†PsPеP†Pj
PеPsPμC,,C-C†C-C”PSC,PsPj P·P°C...P†C†C,C†.

P†PSC,,PμPeC†C-C—

P†P°PrPjC-C†PSP° C†C†P†C†PμC†C-C† C-PjC†PSPSPсC— C†P†C†C,PμPjP† P†C-PrPIP†C%oC†C”
C†C...P†P»CHPSC-C†C,CH PrPs C-PSC,,PμPeC†C-C—, PIPeP»CHC†P°CHC†P†
PsPiPsC†C,C†PSC-C†C,P†C†PSC- C-PSC,,PμPeC†C-C— (P±P°PeC,PμC†C-P°P»CHPSC-,
P†C†P†P±PеPsPIC-, PIC-C†C†C†PSC- C- P†C†PsC,PsP·PsPN‡PSC-), P»PμC,P°P»CHPSC-
C-PSC,,PμPeC†C-C— C,P° C†PμP†C†P†C†. P”Ps C,P°PeP†C... PsPiPsC†C,C†PSC-C†C,P†C†PSP†C...
C-PSC,,PμPeC†C-PN‡ PSP°P»PμP¶P†C,CH C†PμP°PeC,P†PIP°C†C-C† P»P°C,PμPSC,PSPсC—
PIC-C†C†C†PSPсC— C-PSC,,PμPeC†C-C—, C,P°PePsC— C†Pе C†PμP°PeC,P†PIP°C†C-C†
PiPμP†P°C,P†C,C† P’ C†P† C†PμP°PeC,P†PIP°C†C-C† PiPμP†P°C,P†C,C† P†, C-PSC,,PμPeC†C-PN‡,
C†P†C†P†C†P†PSPμPSP†C... P†PsP»C-PsPjP°PIC-C†C†C†PsPj (P’P†-
PIC-C†C†C†P°C†PsC†C-PN‡PsPIP°PSP° PSPμC,C†PsPiP°C,C-C† C- P†C†PsPiC†PμC†C†C†P°
PjC†P»CHC,P†C,,PsPеP°P»CHPSP° P»PμPN‡PеPsPμPSC†PμC,,P°P»PsP†P°C,C-C†,
P°C†PsC†C-PN‡PsPIP°PSP° P· PIC-C†C†C†PsPj JC). P’P†C†PIP»PμPSPs P†P†P°PrPеP†
PiPμP†P°C,P†C,C† PIPSP°C†P»C-PrPsPе C†PμP°PeC,P†PIP°C†C-C— PIC-C†C†C†C-PI
PiPμP†P°C,P†C,C† P’ P°P±Ps P† C† P†P°C†C-C”PSC,C-PI-PSPсC†C-C—PI, C†PеC-
PsC,C†P†PjC†PIP°P»P† C-PjC†PSPsPrPμP†C†P°PSC,P†. P†C- C-PSC,,PμPeC†C-C—
C†P°C†C,Ps P†PsPI'C†P·P°PSC- P· P†P†C†PsPеPsCH C†C†PjP°C†PSPсCH
C-PjC†PSPсC†C†P†C†PμC†C-C”CH C- PjPsP¶C†C,CH P†C†P†P·PIPμC†C,P† PrPs

CГPмCГPNPsP·PSPëC..., CГ C,PsPjCГ C±PëCГP»C- P»PмC,P°P»CHPSPëC... PSP°CГP»C-PrPeC-PI.
 PjC- P·P°C...PIPsCГCГPIP°PSPSCЦ CГP»C-Pr PICГP°C...PsPICГPIP°C,Pë PiCГPë
 PiCГPsPIPмPrPмPSPSC- PrPëC,,PмCГPмPSCГC-PNPsPSPiPs PrC-P°PiPSPSP·CГ CГ
 PiP°CГC-C"PS,C-PI P· C-PjCГPSPSCГCГPiCГPмCГC-C"CH C- PiPsCГCГCPIPмPSPSCЦPj
 C,,CГPSPëCГC-C— PSPëCГPsPe P°P±Ps P· PSPмPICГPsP»PsPiC-C±PSPëPjPë CГPëPjPiC,PsPjP°PjPë.
 PмC-PePsC,,PмPSPSP»PsPIP° PePëCГP»PsC,P° P·PrC-PNсCГPSCГC"
 CГPëC,PsCГC,P°C,PëC±PSPëPNс PIP°P»PëPI PSP° P'- C- Pÿ-P»C-PjC,,PsCГPëC,Pë, C,PsPjCГ PjPsP¶Pм
 CГPiPsCГC,PмCГC-PiP°C,PëCГCЦ PiPsCГPëP»PмPSPSCЦ C,ЦIP¶PePsCГC,C- COVID-19, C-
 CГP»C-Pr CГPsP·PiP»CЦPSCГC,Pë PIC-PrPiPsPIC-PrPSC- PeP»C-PSC-C±PSC- P·P°C...PsPrPë.
 PмPsPIC-PrPsPjP»CЦP»Pë PiCГPs PiC-PiPsPiP°PjPjP°PiP»PsP±CГP»C-PSPмPjC-CH PiCГPë
 CГPмCГPëPrPëPICГCГC±PëC... C-PSC,,PмPeCГC-CЦC... CГ PiP°CГC-C"PS,C-PI, ЦIPëC-
 PsC,CГPëPjCГCГC,CH PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP» CГ PiPsC"PrPSP°PSPSC- P·
 C-PSCëPëPjPë C-PjCГPSPSCГCГPiCГPмCГP°PSC,P°PjPë. P' PrPмCЦIPëPëC... PIPëPiP°PrPeP°C...
 PiPмCГPмPIPмPrPмPSPSCЦ P· PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP»CГ PSP°
 P°P»CHC,PмCГPSP°C,PëPIPSPëPNс C-PjCГPSPSCГCГPiCГPмCГP°PSC, PiCГPëP·PIPsPrPëP»Ps PrPs
 PSPSCГPjP°P»C-P·P°CГC-C— PiP»P°P·PjPsPIPëC... CГC-PIPS-C-PI IgG. Pj PiP°CГC-C"PS,C-PI
 C-P· CГPмCГPëPrPëPICГCГC±PëPjPë C-PSC,,PмPeCГC-CЦPjPë, ЦIPëC-
 P·P°CГC,PsCГCPICГCГC,CH PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP»,
 PSPмPsP±C...C-PrPSPs PePsPSC,CГPsP»CHPIP°C,Pë PiP»P°P·PjPsPIC- CГC-PIPS-C-
 C-PjCГPSPSPiP»PsP±CГP»C-PSC-PI. Pj PIPëPiP°PrPeP°C... C,CГPëPIP°P»PëC...,
 PeP»C-PSC-C±PSPs P·PSP°C±CГC%PëC... PiC-PiPsPiP°PjPjP°PiP»PsP±CГP»C-PSPмPjC-PNс
 CГP»C-Pr CГPsP·PiP»CЦIPrP°C,Pë PrC-C— PIPiCГPsPIP°PrP¶PмPSPSCЦ
 PIC-PrPiPsPIC-PrPSPëC... C,PмCГP°PiPмPIC,PëC±PSPëC... P·P°C...PsPrC-PI P·
 CГCГP°C...CГPIP°PSPSCЦPj PiPsC,CГP¶PSPëC... CГPëC,PsCГC,P°C,PëC±PSPëC... PмC,,PмPeC,C-PI,
 ЦIPëC- PjP°C" PjC-PePsC,,PмPSPSP»PsPIP° PePëCГP»PsC,P° PSP° Pÿ- C- P'-P»C-PjC,,PsCГPëC,Pë.

PмPsPIC-PrPsPjP»CЦP»Pë PiCГPs P±CГPsPSC...PsPмPeC,P°P·Pë CГ PrPsCГPsCГP»PëC... C-
 PrC-C,PмPNс, ЦIPëC- PsC,CГPëPjCГPIP°P»Pë PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP»
 PsPrPSPSC±P°CГPSPs P· C-PSCëPëPjPë C-PjCГPSPSCГCГPiCГPмCГP°PSC,P°PjPë. Pj
 PrPмCЦIPëPëC... PIPëPiP°PrPeP°C... PiPмCГPмPIPмPrPмPSPSCЦ P· C,PмCГP°PiC-C—
 PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP»PsPj PSP° C-PSCëPëPNс
 C-PjCГPSPSCГCГPiCГPмCГP°PSC, PiCГPëP·PIPsPrPëP»Ps PrPs PiPsP»C-PiCPIPмPSPSCЦ
 CГPмCГPiC-CГP°C,PsCГPSPëC... CГPëPjPiC,PsPjC-PI. P PëP·PëPe P±CГPsPSC...PsPмPeC,P°P·C-PI
 PjPsP¶Pм P±CГC,Pë PiPsPI'CЦP·P°PSPëPNс P· PiC-PiPsPiP°PjPjP°PiP»PsP±CГP»C-PSPмPjC-C"CH
 P°P±Ps PiCГCЦPjPëPj PIP°P»PëPIPsPj PSP° P»PмPiPмPSC-. PÿP°PePsP¶ PiPsPIC-PrPsPjP»CЦP»Pë
 PiCГPs PsPeCГPмPjC- PIPëPiP°PrPePë C-PSC,PмCГCГC,PëCГC-P°P»CHPSPSPiPs
 P·P°C...PIPsCГCГPIP°PSPSCЦ P»PмPiPмPSCГ C- P»PмPiPмPSPмPIPëPNс C,,C-P±CГPsP·,
 PrPмCЦIPëC- P· PSPëC... P±CГP»Pë P»PмC,P°P»CHPSPëPjPë (PrPëPI. CГPsP·PrC-P»
 B«PмPsP±C-C±PSC- CГPмP°PeCГC-C—B»). P PмPePsPjPмPSPrCГC"CHCГCЦ
 PsP±CГC,PмP¶CГPIP°C,Pë PiP°CГC-C"PS,C-PI P·C- CГC,C-PNсPePëPjPë P»PмPiPмPSPмPIPëPjPë
 CГPëPjPiC,PsPjP°PjPë, C,P°PePëPjPë CЦPe PeP°CPIPмP»CH C- P·P°PrPëCPIP°P.

PмCГPsPI C,P° C-PjC±PSPSP° CГPëCГC,PмPjP°

PмP°CГC-C"PS,C,Pë, ЦIPëC- PsC,CГPëPjCГCГC,CH PjC-PePsC,,PмPSPSP»P°C,CГ PjPsC,,PмC,PëP»,
 PiPsC,CГPмP±CГCГC,CH CГPiPsCГC,PмCГPмP¶PмPSPSCЦ C%PsPrPs
 PSPмPNс,CГPsPiPмPSC-C—, ЦIPëP° PjPsP¶Pм P±CГC,Pë PiPsPI'CЦP·P°PSP° PIP°P°CГPSPм P·
 C,PмCГP°PiC-C"CH PiCГPмPiP°CГP°C,PsPj PмC-C,,PмPSP°PeCГ^{B°}, CГCГPiCГC,PSC-Pj
 P·P°CГC,PsCГCГPIP°PSPSCЦPj C-PSCëPëC... P»C-PeP°CГCГCHPePëC... P·P°CГPsP±C-PI, C-P·
 PIC-CГCГCГPSPëPjPë C-PSC,,PмPeCГC-CЦPjPë P°P±Ps P· PiPsC"PrPSP°PSPSCЦPj CГPëC...
 C,,P°PeC,PsCГC-PI. PмP°CГC-C"PS,C,P°Pj, ЦIPëC- PiCГPëPNсPjP°CГC,CH

PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP», CÍP»C-Pr PíCĤPsPIPsPrPëC, Pë
P·P°PiP°P»CHbPSPëPNë P°PSP°P»C-P· PeCĤPsPIC- 1 CĤP°P· PSP° C, PëP¶PrPμPSCĤ
PíCĤPsC, CĤPiPsPj PíPμCĤC€PsPiPs PjC-CÍCĤC†CĤ, 2 CĤP°P·Pë PSP° PjC-CÍCĤC†CĤ
PíCĤPsC, CĤPiPsPj PrCĤCÍPiPsPiPs C, P° C, CĤPμC, CHbPsPiPs PjC-CÍCĤC†C-PI
P»C-PeCÍPIP°PSPSCĤ, PíPsC, C-Pj 1 CĤP°P· PSP° PjC-CÍCĤC†CĤ PíCĤPsC, CĤPiPsPj
PíPμCĤC€PsPiPs CĤPsPeCÍ. Pj CĤP°P·C- CĤPsP·PIPëC, PeCÍ PSPμPNëC, CĤPsPíPμPSC-C—
(P°P±CÍPsP»CĤC, PSP° PeC-P»CHbPeC-CÍC, CHb PSPμPNëC, CĤPsC,,C-P»C-PI <1,3×10³/PjPeP»)
PjPsP¶Pμ P±CÍC, Pë PrPsC†C-P»CHbPSPëPj PíPμCĤPμCĤPIP°C, Pë P»C-PeCÍPIP°PSPSCĤ P°P±Ps
PIC-PrPjC-PSPëC, Pë PĤC-C,,PμPSP°PeCÍ^{B®}.

P'C-PrPsPjC- PIPëPíP°PrPePë C-CÍC, PëPSPSPsC— PμCĤPëC, CĤPsC†PëC, P°CĤPSPsC—
P°PiP»P°P·C-C— Cr PíP°C†C-C" PSC, C-PI, CĤPePëPj PíCĤPsPIPsPrPëP»PsCÍCĤ
P»C-PeCÍPIP°PSPSCĤ PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»PsPj Cr
PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë C-PjCÍPSPsCÍCÍPíCĤPμCÍP°PSC, P°PjPë.
PĤPμC...P°PSC-P·Pj PIPëPSPëPePSPμPSPSCĤ C-CÍC, PëPSPSPsC—
PμCĤPëC, CĤPsC†PëC, P°CĤPSPsC— P°PiP»P°P·C-C— PíCĤPë P·P°CÍC, PsCÍCÍPIP°PSPSC-
PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»CÍ PSPμPIC-PrPsPjPëPNë. P†CÍC, PëPSPSP°
PμCĤPëC, CĤPsC†PëC, P°CĤPSP° P°PiP»P°P·C-CĤ PjPsP¶Pμ P±CÍC, Pë PsP±PsCĤPsC, PSPsCĤ
PíCĤPë P·PSPëP¶PμPSPSC- PrPsP·Pë P°P±Ps PíCĤPëPíPëPSPμPSPSC- P»C-PeCÍPIP°PSPSCĤ
PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»PsPj. P—PjC-PSPë PrPs C, PμCĤP°PíC-C—
PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»PsPj CÍP»C-Pr PIPSPsCÍPëC, Pë P»PëC€Pμ PíC-Pr
PIC-PrPíPsPIC-PrPSPëPj PSP°PiP»CĤPrPsPj PrP»CĤ PjC-PSC-PjC-P·P°C†C-C— CĤPëP·PëPeCÍ
PIC-PrC, PsCĤPiPSPμPSPSCĤ C, CĤP°PSCÍPíP»P°PSC, P°C, P° (PrPëPI. CĤPsP·PrC-P»
B«PμPsP±C-C†PSC- CĤPμP°PeC†C-C-B»).

PμP°C†C-C" PSC, Pë, CĤPeC- PíCĤPëPNëPjP°CĤC, CHb PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»,
PíPsPIPëPSPSC- PSPμPiP°PNëPSPs PíPsPIC-PrPsPjP»CĤC, Pë PíCĤPs P±CÍPrCHb-CĤPeC-
C-PSC,,PμPeC†C-C—, CĤP°PíC, PsPIPμ PIPëPSPëPePSPμPSPSCĤ CÍPëPSC†C-PI,
PeCĤPsPIPsC, PμC†C- P°P±Ps P±CÍPrCHb-CĤPeC- C-PSC€C- PíCĤPsCĤPIPë
PSPμPrPsCÍC, P°C, PSPsCÍC, C- PeC-CÍC, PePsPIPsPiPs PjPsP·PeCÍ.

PμP°C†C-C" PSC, P°Pj CÍP»C-Pr PíPsPIC-PrPsPjPëC, Pë, C%oPs PíC-Pr C†P°CÍ
P»C-PeCÍPIP°PSPSCĤ PíCĤPμPíP°CĤP°C, PsPj PIP°PeC†PëPSP°C†C-C— PjPsP¶CÍC, CHb P±CÍC, Pë
PjPμPSC€ PμC,,PμPeC, PëPIPSPëPjPë, C- CÍP»C-Pr CÍPSPëPeP°C, Pë P·P°CÍC, PsCÍCÍPIP°PSPSCĤ
P¶PëPIPëC... PsCÍP»P°P±P»PμPSPëC... PIP°PeC†PëPS (PrPëPI. CĤPsP·PrC-P»
B«P·P·P°C" PjPsPrC-CĤ P· C-PSC€PëPjPë P»C-PeP°CĤCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë C, P°
C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PNëB»). PμCĤPsC, Pμ PIP°PeC†PëPSP°C†C-CĤ PIC-Pr
PíCĤPëPíCÍ PjPsP¶Pμ P±CÍC, Pë PíCĤPsPIPμPrPμPSP°. P»C-PeP°CĤC- PíPsPIPëPSPSC-
PrPsC, CĤPëPjCÍPIP°C, PëCÍCĤ PrPμCĤP¶P°PIPSPëC... PSPsCĤPjP°C, PëPIC-PI C%oPsPrPs
PIP°PeC†PëPSP°C†C-C— PIC-Pr PíCĤPëPíCÍ.

PjCĤP°PIPSP° CÍPëCÍC, PμPjP°

P—P°CÍC, PsCÍCÍPIP°PSPSCĤ PjC-PePsC,,PμPSPsP»P°C, Cr PjPsC,,PμC, PëP»CÍ
P°CÍPsC†C-PNëPsPIP°PSPμ P· PíC-PrPIPëC%oPμPSPsCĤ C†P°CÍC, PsC, PsCĤ
PIPëPSPëPePSPμPSPSCĤ PíPsP±C-C†PSPëC... CĤPIPëC%o P· P±PsPeCÍ C, CĤP°PIPSPsC—
CÍPëCÍC, PμPjPë, PíPeP»CĤC†P°CĤC†Pë CĤC-PrPeC-CÍPSC- PIPëPíP°PrPePë
PIPëCĤP°P·PePsCÍC, PíPsCĤPμPSPSCĤ, PeCĤPsPIPsC, PμC†C- C, P° PíPμCĤC,,PsCĤP°C†C-C—
C€P»CÍPSPePsPIPs-PePëC€PePsPIPsPiPs C, CĤP°PeC, CÍ. PĤC-PePsC,,PμPSPsP»P°C, Cr
PjPsC,,PμC, PëP» CÍP»C-Pr PíCĤPëP·PSP°C†P°C, Pë P· PsP±PμCĤPμP¶PSC-CÍC, CĤ
PíP°C†C-C" PSC, P°Pj C-P· CÍPμCĤPNëPsP·PSPëPjPë P·P°C...PIPsCĤCĤPIP°PSPSCĤPj
C, CĤP°PIPSPsC— CÍPëCÍC, PμPjPë Cr CÍC, P°PrC-C— P·P°PiPsCÍC, CĤPμPSPSCĤ.

C,PeP°PSPëPSPSP° C†PëC,PsPjPµPiP°P»PsPIC-CḡCḡCḡPSP° C...PIPsCḡPsP±P°),
PiP°CḡC,CḡPsC-PSC,PµCḡC,PëPSP°P»CHḡPSC- PeCḡPsPIPsC,PµC‡C- C,P° PSP°P±CḡCḡPe
P»PµPiPµPSCḡ (PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C‡PSC- CḡPµP°PeC†C-C—B»).

PḡPµCḡP°C,PsPiPµPSPSPëPNḡ PµC,,PµPeC,

PḡC-PePsC,,PµPSPsP»P°C,Cḡ PjPsC,,PµC,PëP» C” PiPsC,CḡPḡPSPëPj C,PµCḡP°C,PsPiPµPSPSPëPj
C,,P°PeC,PsCḡPsPj. PµC-CḡP»Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PjC-PePsC,,PµPSPsP»P°C,Cḡ
PjPsC,,PµC,PëP»Cḡ Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- PiPsPIC-PrPsPjP»CḡP»Pë PiCḡPs
CḡPiPsPSC,P°PSPSC- P°P±PsCḡC,Pë (P· C‡P°CḡC,PsC,PsCḡ 45-49%) C,P° PICḡPsPrPḡPµPSC-
PIP°PrPë CḡPsP·PIPëC,PeCḡ (P· C‡P°CḡC,PsC,PsCḡ 23-27%). PḡPsPjCḡ
PjC-PePsC,,PµPSPsP»P°C,Cḡ PjPsC,,PµC,PëP» PiCḡPsC,PëPiPsPeP°P·P°PSPs
P·P°CḡC,PsCḡPsPICḡPIP°C,Pë Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C-, PsPeCḡC-Pj
PIPëPiP°PrPeC-PI, PePsP»Pë P°P»CHḡC,PµCḡPSP°C,PëPIPsPµ P»C-PeCḡPIP°PSPSCḡ
PIC-PrC,PsCḡPiPsPµPSPSCḡ C,CḡP°PSCḡPiP»P°PSC,P°C,Cḡ PIC-PrCḡCḡC,PSC”.

P-C-PSPePë C- C‡PsP»PsPIC-PePë CḡPµPiCḡPsPrCḡPeC,PëPIPsPsPiPs PIC-PeCḡ PjP°CḡC,CH
P±CḡC,Pë PiCḡPsC-PSC,,PsCḡPjPsPIP°PSC- PiCḡPs PiPsC,PµPSC†C-PNḡPSC- CḡPëP·PëPePë C,P°
CḡP»C-PrCḡPIP°C,Pë CḡPµPePsPjPµPSPrP°C†C-CḡPj, PIPëPeP»P°PrPµPSPëPj Cḡ CḡPsP·PrC-P»C-
B«P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡB» (PI C,PsPjCḡ C‡PëCḡP»C- P·P°CḡC,PsCḡPsPICḡPIP°C,Pë
PµC,,PµPeC,PëPIPsC- PjPµC,PsPrPë PePsPSC,CḡP°C†PµPiC†C-C— C,P° CḡPsP±PëC,Pë C,PµCḡC,
PSP° PIP°PiC-C,PSC-CḡC,CH) PrPs, PiC-Pr C‡P°Cḡ C,P° PiC-CḡP»Cḡ P»C-PeCḡPIP°PSPSCḡ.
P»C-PeP°CḡCḡ CḡP»C-Pr CḡPiPµPIPsPëC,PëCḡCḡ, CḡPs PḡC-PSPePë C- C‡PsP»PsPIC-PePë,
CḡPeC- P·P°CḡC,PsCḡPsPICḡCḡC,CH PjC-PePsC,,PµPSPsP»P°C,Cḡ PjPsC,,PµC,PëP»,
CḡCḡPIC-PrPsPjP»CḡCḡC,CH CḡPëP·PëPe PSPµPiP°C,PëPIPsPsPiPs PIPiP»PëPICḡ PSP° PiP»C-Pr
C,P° CḡPsP·CḡPjC-CḡC,CH PSPµPsP±C...C-PrPSC-CḡC,CH P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PµC,,PµPeC,PëPIPsPëC... PjPµC,PsPrC-PI PePsPSC,CḡP°C†PµPiC†C-C— C,P° PSPµPiP°PNḡPSPsC—
PePsPSCḡCḡP»CHḡC,P°C†C-C— P· P»C-PeP°CḡPµPj Cḡ CḡP°P·C- PjPsPḡP»PëPIPsC—
PIP°PiC-C,PSPsCḡC,C-.

*PḡPsPSC,CḡP°C†PµPiC†C-Cḡ (PrPëPI. CḡPsP·PrC-P» B«P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ
PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡB»)*

P— PsPiP»CḡPrCḡ PSP° PSP°PrC-PNḡPSC- PeP»C-PSC-C‡PSC- PrPsPeP°P·Pë, CḡPs
CḡPIC-PrCḡP°C,CH PiCḡPs PIPëCḡPsPePëPNḡ CḡPëP·PëPe PIPëPePëPrPSC-PI C,P°
PICḡPsPrPḡPµPSPëC... PIP°Pr CḡPsP·PIPëC,PeCḡ Cḡ PIPëPiP°PrPeCḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PjC-PePsC,,PµPSPsP»P°C,Cḡ PjPsC,,PµC,PëP»Cḡ Cḡ PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C-,
CḡP»C-Pr PIPḡPëPIP°C,Pë PICḡC-C... P·P°C...PsPrC-PI PrP»Cḡ CḡPSPëPePSPµPSPSCḡ
PIP°PiC-C,PSPsCḡC,C- PiC-Pr C‡P°Cḡ P»C-PeCḡPIP°PSPSCḡ, C,PsPjCḡ PḡC-PSPeP°Pj
CḡPµPiCḡPsPrCḡPeC,PëPIPsPsPiPs PIC-PeCḡ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë
PiCḡPëPSP°PNḡPjPSC- 1 PSP°PrC-PNḡPSPëPNḡ PjPµC,PsPr PePsPSC,CḡP°C†PµPiC†C-C— PrPs
PiPsC‡P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ PiCḡPµPiP°CḡP°C,PsPj, PiC-Pr C‡P°Cḡ
P»C-PeCḡPIP°PSPSCḡ C,P° PiCḡPsC,CḡPiPsPj 6 C,PëPḡPSC-PI PiC-CḡP»Cḡ
PiCḡPëPiPëPSPµPSPSCḡ C,PµCḡP°PiC-C—, P°P±Ps CḡPe PjPµC,PsPr
PePsPSC,CḡP°C†PµPiC†C-C— PsP±CḡP°C,Pë CḡC,CḡPëPjP°PSPSCḡ PIC-Pr CḡC,P°C,PµPIPëC...
PePsPSC,P°PeC,C-PI (PrPëPI. CḡPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cḡ P· C-PSCëPëPjPë
P»C-PeP°CḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNḡB»).

P·C-PrPrP°C”C,CHCḡCḡ PiPµCḡPµPIP°PiP° PsPrPSPsC‡P°CḡPSPsPjCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PrPIPsC... PIP·P°C”PjPsPrPsPiPsPIPsCḡCḡC‡PëC...
CḡPiPsCḡPsP±C-PI PePsPSC,CḡP°C†PµPiC†C-C— PrP»Cḡ PjC-PSC-PjC-P·P°C†C-C—
PIPëPiP°PrPeC-PI PSPµPµC,,PµPeC,PëPIPsPSCḡC,C- PePsPSC,CḡP°C†PµPiC†C-C— C,P°

PSPμP±P°P¶P°PSPsC— PIP°PiC-C,PSPsCfC,C-.

P°PsPrP°C,PePsPIC- P·P°CfC,PμCfPμP¶PμPSPSCf

PμP°C†C-C°PSC,P°Pj PSPμ CfP»C-Pr PIPëCfC,CfP°P°C,Pë PI C¶PePsCfC,C- PrPsPSPsCfC-PI PeCfPSPIC- PïC-Pr C‡P°Cf C,PμCfP°PïC-C— C,P° PïCfPSC,C¶PiPsPj C°PSPSP°PNëPjPμPSCëPμ 6 C,PëP¶PSC-PI PïC-CfP»C¶ C—C— PïCfPëPïPëPSPμPSPSCf. P§PsP»PsPIC-PeP°Pj PSPμ CfP»C-Pr PIPëCfC,CfP°P°C,Pë PI C¶PePsCfC,C- PrPsPSPsCfC-PI CfP°PμCfPjPë PïC-Pr C‡P°Cf C,PμCfP°PïC-C— C,P° PïCfPSC,C¶PiPsPj 90 PrPSC-PI PïC-CfP»C¶ C—C— PïCfPëPïPëPSPμPSPSCf.

P°PsPïPsPjC-P¶PSC- CfPμC‡PsPIPëPSPë: C†PμPNë P»C-PeP°CfCfCHPePëPNë P·P°CfC-P± PjC-CfC,PëC,CH PjPμPSCëPμ 1 PjPjPsP»CH (23 PjPi) PSP°C,CfC-CH PI 1 PeP°PïCfCfP»C-, C,PsP±C,Ps PïCfP°PeC,PëC‡PSPs PIC-P»CHPSPëPNë PIC-Pr PSP°C,CfC-CH.

PjC,PëP»C-P·P°C†C-C¶ PSPμPIPëPePsCfPëCfC,P°PSPsPiPs PïCfPμPïP°CfP°C,Cé C,P° PïCfPμPïP°CfP°C,Cé C-P· PïCfPSCfC,CfPSC‡PμPSPëPj C,PμCfPjC-PSPsPj PïCfPëPrP°C,PSPsCfC,C-: PSP°PrC...PsPrP¶PμPSPSCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPSP±Cf Cf P·PsPIPSC-CëPSC° CfPμCfPμPrPsPIPëC°Pμ PSPμPsP±C...C-PrPSPs P·PIPμCfC,Pë PrPs PjC-PSC-PjCfPjCf. P>C-PeP°CfCfCHPePëPNë P·P°CfC-P± PSPμ CfP»C-Pr PIPëPePëPrP°C,Pë Cf CfC,C-C‡PSC- PIPsPrPë C- C¶Pe PïPsP±CfC,PsPIC- PIC-PrC...PsPrPë. P°P»C¶ CfC,PëP»C-P·P°C†C-C— PSPμPsP±C...C-PrPSPs PIPëPePsCfPëCfC,PsPICfPIP°C,Pë C,P°Pe P·PIP°PSCf B<CfPëCfC,PμPjCf P·P±PsCfCf PIC-PrC...PsPrC-PIB» PïCfPë PSP°C¶PIPSPsCfC,C- C,P°PePsC—.

P—P°CfC,PsCfCfPIP°PSPSCf Cf PïPμCfC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPIP°PSPSCf PïCfCfPrPrCH.

P-C-PSPePë CfPμPïCfPsPrCéPeC,PëPIPSPsPiPs PIC-PeCé

PŸP»C-Pr CfPSPëPeP°C,Pë PIP°PiC-C,PSPsCfC,C- Cf PïPμCfC-PsPr PïCfPëPNëPsPjCf PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf. PŸPsPjCf P¶C-PSPePë CfPμPïCfPsPrCfPeC,PëPIPSPsPiPs PIC-PeCf PïPsPIPëPSPSC- PIPëPePsCfPëCfC,PsPICfPIP°C,Pë PïCfPëPSP°PNëPjPSC- 1 PSP°PrC-PNëPSPëPNë PjPμC,PsPr PePsPSC,CfP°C†PμPïC†C-C— (PrPëPI. CfPSP·PrC-P» B<PμCfPSC,PëPïPsPeP°P·P°PSPSCfB») PïPμCfPμPr PïPsC‡P°C,PePsPj C,PμCfP°PïC-C— PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»PsPj, PïC-Pr C‡P°Cf C,PμCfP°PïC-C— C,P° PïCfPSC,C¶PiPsPj 6 C,PëP¶PSC-PI PïC-CfP»C¶ PïCfPëPïPëPSPμPSPSCf C,PμCfP°PïC-C—, P·P° PIPëPSCfC,PePsPj PIPëPïP°PrPeC-PI, PePsP»Pë CfC,CfPëPjP°PSPSCf PIC-Pr CfC,P°C,PμPIPëC... PePsPSC,P°PeC,C-PI C° PsP±CfP°PSPëPj PjPμC,PsPrPsPj PePsPSC,CfP°C†PμPïC†C-C—. P'C-PrPrP°C"C,CHCfC¶ PïPμCfPμPIP°PïP° PsPrPSPsC‡P°CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSCH PrPIPsC... PIP·P°C°PjPsPrPsPïPsPIPSCfCHC‡PëC... CfPïPsCfPsP±C-PI PePsPSC,CfP°C†PμPïC†C-C—.

P°P°PiC-C,PSC-CfC,CH

PHC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP» PïCfPSC,PëPïPsPeP°P·P°PSPs P·P°CfC,PsCfPsPICfPIP°C,Pë Cf PïPμCfC-PsPr PIP°PiC-C,PSPsCfC,C-, PsPeCfC-Pj PIPëPïP°PrPeC-PI, PePsP»Pë P°P»CHC,PμCfPSP°C,PëPIPSPμ P»C-PeCfPIP°PSPSCf PIC-PrC,PsCfPiPSPμPSPSCf C,CfP°PSCfPïP»P°PSC,P°C,Cf PIC-PrCfCfC,PSC°. PŸPμCfP°PïC-CH PïCfPμPïP°CfP°C,PsPj PSPμ CfPμPePsPjPμPSPPrPsPIP°PSPs CfPSP·PïPsC‡PëPSP°C,Pë, PïPsPePë PSPμ PsC,CfPëPjP°PSPs PSPμPiP°C,PëPIPSPsPiPs

P'CTḡPsPrPḡPμPSC- PIP°PrPë CTḡPsP·PIPëC,PeCf, PIPeP»CTḡC†P°CTḡC†Pë
PīPsPIC-PrPsPjP»PμPSPSCḡ PīCTḡPs PjPSPsPḡPëPSPSC- PIP°PrPë CTḡPsP·PIPëC,PeCf,
CfPīPsCfC,PμCTḡC-PiP°P»PëCfCḡ Cf PīC-CfP»CḡCTḡPμC"cfC,CTḡP°C†C-PN°PSPëPN°
PīPμCTḡC-PsPr Cf PrC-C,PμPN° PīP°C†C-C"PSC,PsPe, CḡPeC- P·P°P·PSP°P»Pë PIPiP»PëPICf
PjC-PePsC,,PμPSPsP»P°C,Cf PjPsC,,PμC,PëP»Cf Cf PePsPjP±C-PSP°C†C-C— P· C-PSCëPëPjPë
C-PjCfPSPsCfCfPīCTḡPμCfP°PSC,P°PjPë Cf PīPμCTḡC-PsPr PIP°PiC-C,PSPsCfC,C-.
PḡP°PN°C†P°CfC,C-CëPμ PīPsPIC-PrPsPjP»CḡP»Pë PīCTḡPs C,P°PeC- PICḡPsPrPḡPμPSC-
PIP°PrPë:

– P°PSPsPjP°P»C-C— PICfC...P° (PSP°PīCTḡPëPeP»P°Pr, P°PSPsPjP°P»CHPSPs
CfC,,PsCTḡPjPsPIP°PSPμ P°P±Ps PIC-PrCfCfC,PSC" P·PsPIPSC-CëPSC"/CfPμCTḡPμPrPSC"
PICfC...Ps), P°C,CTḡPμP·C-Cḡ P·PsPIPSC-CëPSCḡPsPiPs CfP»CfC...PsPiPs PīCTḡPsC...PsPrCf;

– PICḡPsPrPḡPμPSP° PIP°PrP° CfPμCTḡC†Cḡ, PSP°PīCTḡPëPeP»P°Pr, PrPμC,,PμPeC,Pë
PjC-PḡPīPμCTḡPμPrCfPμCTḡPrPSPsC— C- PjC-PḡCëP»CfPSPsC†PePsPiPsC—
PīPμCTḡPμPiPsCTḡPsPrPePë;

– PICḡPsPrPḡPμPSP° PIP°PrP° PsP±P»PëC†C†Cḡ, PSP°PīCTḡPëPeP»P°Pr,
CTḡPsP·C%PμPīP»PμPSPSCḡ PīCfP±Pë, CTḡPsP·C%PμPīP»PμPSPSCḡ PīC-PrPSPμP±C-PSPSCḡ,
PjC-PeCTḡPsPiPSP°C,C-Cḡ C- PīC-PīPμCTḡC,PμP»PsCTḡPëP·Pj PsCTḡP±C-C,;

– B P°PSPsPjP°P»C-C— PsPeP° (PSP°PīCTḡPëPeP»P°Pr, PePsP»PsP±PsPjP°);

– PICḡPsPrPḡPμPSC- PIP°PrPë PīP°P»CHC†C-PI (PSP°PīCTḡPëPeP»P°Pr,
PīPsP»C-PrP°PeC,PëP»C-Cḡ, CfPëPSPPrP°PeC,PëP»C-Cḡ);

– C,CTḡP°C...PμPs-PμP·PsC,,P°PiPμP°P»CHPSC- PICḡPsPrPḡPμPSC- PIP°PrPë
(PSP°PīCTḡPëPeP»P°Pr, P°C,CTḡPμP·C-Cḡ CfC,CTḡP°PiPsC...PsPrCf);

– PICḡPsPrPḡPμPSC- PIP°PrPë PSPμCTḡPiPsPiPsC— CfPëCfC,PμPjPë, C,P°PeC- CḡPe
PSPμP·CTḡPsC%PμPSPSCḡ PrCfPi C...CTḡPμP±C†C-PI;

– P°PSPsPjP°P»C-C— PSPëCTḡPsPe.

PḡCTḡC-Pj C,PsPiPs, P±CfP»Pë PsC,CTḡPëPjP°PSC- PsPeCTḡPμPjC- PīPsPIC-PrPsPjP»PμPSPSCḡ
PīCTḡPs C,P°PeC- PICḡPsPrPḡPμPSC- PIP°PrPë:

– PjC-PeCTḡPsC,,C,P°P»CHPjC-Cḡ;

– PICḡPsPrPḡPμPSP° PeC-CfC,P° CfCfPrPëPSPSPëC... CfPīP»PμC,C-PSCH;

– P°PiPμPSPμP· PīCTḡPsP·PsCTḡPsC— PīPμCTḡPμPiPsCTḡPsPrPePë;

– P°PiPμPSPμP· PSCḡC...PsPiPsPiPs PSPμCTḡPIP°.

Pj C...PsPrC- PrPsCfP»C-PrPḡPμPSCḡ PSP° C,PIP°CTḡPëPSP°C... PjC-PePsC,,PμPSPsP»P°C,Cf
PjPsC,,PμC,PëP» CfPīCTḡPëC†PëPSCḡPI CTḡPμPīCTḡPsPrCfPeC,PëPiPSCf
C,PsPeCfPëC†PSC-CfC,CH.

P"PsPrCfPIP°PSPSCḡ PīCTḡCfPrPrCH

PḡP±PjPμPḡPμPSC- PrP°PSC- PrPμPjPsPSCfC,CTḡCfCHC,CH, C%Ps PjC-PePsC,,PμPSPsP»PsPIP°
PePëCfP»PsC,P° PīCTḡPsPSPëPeP°C" Cf PīCTḡCfPrPSPμ PjPsP»PsPePs P»CHPrPëPSPë.

P— PsPiP»CΠPrCí PSP° C—PjPsPIC—CḡPSC—CíC,CH PIPëPSPëPePSPμPSPSCΠ
CíPμCḡPNëPsP·PSPëC... PíPsP±C—C±PSPëC... CḡPμP°PeC†C—PNë PSP° PjC—PePsC,,PμPSPsP»PsPICí
PePëCíP»PsC,Cí Cr PrC—C,PμPNë, CΠPeC— P·PSP°C...PsPrCΠC,CHCíCΠ PSP° PiCḡCíPrPSPsPjCí
PIPëPiPsPrPsPICíPIP°PSPSC—, C†PμPNë P»C—PeP°CḡCíCHPePëPNë P·P°CíC—P±
PiCḡPsC,PëPiPsPeP°P·P°PSPs P·P°CíC,PscíPsPICíPIP°C,Pë Cr PíPμCḡC—PsPr
PiPsPrCíPIP°PSPSCΠ PiCḡCíPrPrCḡ (PrPëPI. CḡPsP·PrC—P»
B«PμCḡPsC,PëPiPsPeP°P·P°PSPSCΠB»).

P§PsP»PsPIC—PePë

PḡP±PjPμPΠPμPSC— PeP»C—PSC—C±PSC— PrP°PSC— PSPμ CíPIC—PrC±P°C,CH PíCḡPs
PíC—PrPIPëC%oPμPSPëPNë CḡPëP·PëPe PIPëPSPëPePSPμPSPSCΠ PIP°Pr CḡPsP·PIPëC,PeCí
P°P±Ps PIPëPePëPrPSCΠ PiC—CíP»CΠ PIPiP»PëPICí PjC—PePsC,,PμPSPsP»P°C,Cí
PjPsC,,PμC,PëP»Cí PSP° PsCḡPiP°PSC—P·Pj P±P°C,CHPeP°.

PḡPαPḡ C” PíPsC,CíPΠPSPëPj C,PμCḡP°C,PsPiPμPSPsPj. PḡPμPIC—PrPsPjPs, C±Pë PSP°CΠPIPSP°
MPαPḡ Cí CíPíPμCḡPjC—. P PsP·CḡP°C...CíPSPëPë, C%oPs P±P°P·CíCḡC,CHCíCΠ PSP°
PrP°PSPëC... PrPsCíP»C—PrPΠPμPSCḡ PSP° C,PIP°CḡPëPSP°C..., CíPIC—PrC±P°C,CH, C%oPs
PjP°PeCíPëPjP°P»CHPSP° PeC—P»CHPeC—CíC,CH MPαPḡ, CΠPeP° PíPsC,PμPSC†C—PNëPSPs
PjPsPΠPμ P±CíC,Pë PíPμCḡPμPrP°PSP° PΠC—PSC†C—, PSP°CíC,C—P»CHPePë PSPëP·CHPeP°,
C%oPs PSP°PICḡCΠPr C±Pë C†Pμ PjP°C,PëPjPμ PμC,,PμPeC,. Pj PrPsCíP»C—PrPΠPμPSPSCΠC...
PSP° C,PIP°CḡPëPSP°C... PíPsPeP°P·P°PSPs, C%oPs PjC—PePsC,,PμPSPsP»P°C, C”
PiPμPSPsC,PsPeCíPëC±PSPëPj Cr PePsPSC†PμPSC,CḡP°C†C—CΠC..., C%oPs
PíPμCḡPμPIPëC%oCíCḡC,CH PICíP·CHPePëPNë C,PμCḡP°PiPμPIC,PëC±PSPëPNë PrC—P°PiP°P·PsPs
PI PsCḡPiP°PSC—P·PjC— P»CḡPrPëPSPë PSPμP·PSP°C±PSPëPj C±PëPSPsPj, C,PsPjCí CḡPëP·PëPe
PiPμPSPsC,PsPeCíPëC±PSPsPiPs PIPiP»PëPICí PSP° CíPíPμCḡPjP°C,PsP·PsC—PrPë PSPμ
PjPsPΠPμ P±CíC,Pë PíPsPIPSC—CíC,Cḡ PIPëPeP»CḡC±PμPSPëPNë.

PḡPsPjCí CḡPμPePsPjPμPSPPrCíCḡC,CH C,P°PeC— P·P°PíPsP±C—PΠPSC— P·P°C...PsPrPë: PrP»CΠ
CíC,P°C,PμPIPs P°PeC,PëPIPSPëC... C±PsP»PsPIC—PeC—PI P°P±Ps C—C...PSC—C...
PíP°CḡC,PSPμCḡC—PI—PΠC—PSPsPe CḡPμPePsPjPμPSPPrCíC”C,CHCíCΠ
PIPëPePsCḡPëCíC,PsPICíPIP°C,Pë PSP°PrC—PNëPSC— PjPμC,PsPrPë PePsPSC,CḡP°C†PμPiC†C—C—
PíC—Pr C±P°Cí P»C—PeCíPIP°PSPSCΠ PíP°C†C—C”PSC,P°—C±PsP»PsPIC—PeP° C,P°
PiCḡPëPSP°PNëPjPSC— PiCḡPsC,CΠPiPsPj 90 PrPSC—PI PíC—CíP»CΠ PiCḡPëPíPëPSPμPSPSCΠ
P»C—PeCíPIP°PSPSCΠ PjC—PePsC,,PμPSPsP»P°C,Cí PjPsC,,PμC,PëP»PsPj. P§PsP»PsPIC—PeC—PI
CḡPμPiCḡPsPrCíPeC,PëPIPSsPiPs PIC—PeCí PSPμPsP±C...C—PrPSPs C—PSC,,PsCḡPjCíPIP°C,Pë
C,P° C—Pj CíP»C—Pr PsP±PiPsPIPsCḡPëC,Pë PjPsPΠP»PëPIC— CḡPëP·PëPePë
P±P°C,CHPeC—PICíC,PIP° P· PePIP°P»C—C,,C—PePsPIP°PSPëPj PjPμPrPëC±PSPëPj
PiCḡP°C†C—PIPSPëPePsPj.

P—PrP°C,PSC—CíC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC—CíC,CH CḡPμP°PeC†C—C— PiCḡPë
PePμCḡCíPIP°PSPSC— P°PIC,PsC,CḡP°PSCíPíPsCḡC,PsPj P°P±Ps C—PSCëPëPjPë
PjPμC...P°PSC—P·PjP°PjPë.

PḡC—PePsC,,PμPSPsP»P°C,Cí PjPsC,,PμC,PëP» PjP°C” PíPsPjC—CḡPSPëPNë PIPiP»PëPI PSP°
P·PrP°C,PSC—CíC,CH PePμCḡCíPIP°C,Pë C,CḡP°PSCíPíPsCḡC,PSPëPjPë P·P°CíPsP±P°PjPë C,P°
PiCḡP°C†CḡPIP°C,Pë P· C—PSCëPëPjPë PjPμC...P°PSC—P·PjP°PjPë.

PḡC—PePsC,,PμPSPsP»P°C,Cí PjPsC,,PμC,PëP» PjPsPΠPμ CíPiCḡPëC±PëPSCΠC,Pë
CíPsPSP»PëPIC—CíC,CH, CíPiP»CíC,P°PSC—CíC,CH CíPIC—PrPsPjPsCíC,C—,

P·P°PīP°PjPsCḡPsC‡PμPSPSCḡ, C,CḡPμPjPsCḡ P°P±Ps P°CḡC,PμCḡC-P°P»CḤPSCḡ
PiC-PīPsC,PμPSP·C-Cḡ, C- C,PsPjCḡ PīP°C†C-C°PSC,P°Pj CḡPμPePsPjPμPSPPrCḡC°C,CḤCḡCḡ
P±CḡC,Pē PsP±PμCḡPμPḡPSPēPjPē PiC-Pr C‡P°Cḡ PePμCḡCḡPIP°PSPSCḡ
C,CḡP°PSCḡPīPsCḡC,PSPēPjPē P·P°CḡPsP±P°PjPē P°P±Ps C-PSCēPēPjPē
PjPμC...P°PSC-P·PjP°PjPē.

PḡPīPsCḡC-P± P·P°CḡC,PsCḡC‡PIP°PSPSCḡ C,P° PrPsP·Pē.

P>C-PeCḡPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,PsPj PḡC-C,,PμPSP°PeCḡ^{B®} PjP°CḡC,CḤ
CḡPsP·PīPsC‡PēPSP°C,Pē C,P° PīCḡPsPIPPrPēC,Pē C,,P°C...C-PIC†C- P·
C,CḡP°PSCḡPīP»P°PSC,PsP»PsPiC-C—, CḡPeC- PjP°CḡC,CḤ PIC-PrPīPsPIC-PrPSCḡ
PePIP°P»C-C,,C-PeP°C†C-Cḡ.

P°PsP·CḡPIP°PSPSCḡ

PμCḡPsC,,C-P»P°PeC,PēPeP° PIC-PrC,PsCḡPiPSPμPSPSCḡ PSPēCḡPePē

P°PsCḡPsCḡP»C-

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° PrP»Cḡ PīP°C†C-C°PSC,C-PI P·
C,CḡP°PSCḡPīP»P°PSC,P°C,P°PjPē PSPēCḡPePē CḡC,P°PSPsPIPēC,CḤ 1 Pi 2 CḡP°P·Pē PSP°
PrPsP±Cḡ (PrPsP±PsPIP° PrPsP·P° ḡḡ“ 2 Pi). PμCḡPēPḡPsPj PīCḡPμPīP°CḡP°C,Cḡ
PSPμPsP±C...C-PrPSPs CḡPsP·PīPsC‡PēPSP°C,Pē PīCḡPsC,CḡPiPsPj 72 PiPsPrPēPS PiC-CḡP»Cḡ
PīCḡPsPIPμPrPμPSPSCḡ C,CḡP°PSCḡPīP»P°PSC,P°C†C-C—.

P°C-C,Pē PIC-PePsPj PIC-Pr 2 PrPs 18 CḡPsPeC-PI

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CḡC,P°PSPsPIPēC,CḤ 600 PjPi/Pj² PīP»PsC%oC-
PīPsPIPμCḡC...PSC- C,C-P»P° PīPμCḡPsCḡP°P»CḤPSPs 2 CḡP°P·Pē PSP° PrPsP±Cḡ
(PjP°PeCḡPēPjP°P»CḤPSP° PrPsP±PsPIP° PrPsP·P° ḡḡ“ 2 Pi). PμCḡPμPīP°CḡP°C, CḡP»C-Pr
PīCḡPēP·PSP°C‡P°C,Pē P»PēCēPμ PīP°C†C-C°PSC,P°Pj P· PīP»PsC%oPμCḡ PīPsPIPμCḡC...PSC-
C,C-P»P° PSPμ PjPμPSCēPμ 1,25 Pj². PμP°C†C-C°PSC,P°Pj P· PīP»PsC%oPμCḡ PīPsPIPμCḡC...PSC-
C,C-P»P° PIC-Pr 1,25 PrPs 1,5 Pj² PīCḡPμPīP°CḡP°C, PjPsPḡPSP° PīCḡPēP·PSP°C‡P°C,Pē Cḡ
PrPsP·C- 750 PjPi 2 CḡP°P·Pē PSP° PrPsP±Cḡ (PrPsP±PsPIP° PrPsP·P° ḡḡ“ 1,5 Pi).
PμP°C†C-C°PSC,P°Pj P· PīP»PsC%oPμCḡ PīPsPIPμCḡC...PSC- C,C-P»P° P±C-P»CḤCēPμ 1,5 Pj²
PīCḡPμPīP°CḡP°C, PjPsPḡPSP° PīCḡPēP·PSP°C‡P°C,Pē Cḡ PrPsP·C- 1 Pi 2 CḡP°P·Pē PSP°
PrPsP±Cḡ (PrPsP±PsPIP° PrPsP·P° ḡḡ“ 2 Pi). PḡCḡPeC-P»CḤPePē PrPμCḡPeC- PīPsP±C-C‡PSC-
CḡPμP°PeC†C-C— PIPēPSPēPeP°CḡC,CḤ C‡P°CḡC,C-CēPμ Cḡ PrC-C,PμPḡ C-
PīC-PrP»C-C,PeC-PI, PSC-Pḡ Cḡ PrPsCḡPsCḡP»PēC..., PjPsPḡPμ PIPēPSPēPePSCḡC,Pē
PSPμPsP±C...C-PrPSC-CḡC,CḤ Cḡ C,PēPjC‡P°CḡPsPIPPrCḡ P·PSPēPḡPμPSPSC- PrPsP·Pē P°P±Ps
PīCḡPēPīPēPSPμPSPSC- P»C-PeCḡPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,PsPj. PμCḡPē C†CḤPsPjCḡ
CḡP»C-Pr PICḡP°C...PsPICḡPIP°C,Pē PIP°PḡP»PēPIC- PeP»C-PSC-C‡PSC- C,,P°PeC,PsCḡPē, Cḡ
C,PsPjCḡ C‡PēCḡP»C- C,CḡPḡPeC-CḡC,CḤ CḡPμP°PeC†C-C—.

P°C-C,Pē PIC-PePsPj PrPs 2 CḡPsPeC-PI

P†CḡPSCḡCḡC,CḤ PsP±PjPμPḡPμPSC- PrP°PSC- C%oPsPrPs P±PμP·PīPμPePē C,P°
PμC,,PμPeC,PēPIPSPsCḡC,C- PīCḡPμPīP°CḡP°C,Cḡ PrP»Cḡ PrC-C,PμPḡ PIC-PePsPj PrPs 2
CḡPsPeC-PI. PḡPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,Cḡ PrC-C,CḡPj PIC-PePsPj
PrPs 2 CḡPsPeC-PI PSPμ CḡPμPePsPjPμPSPPrCḡC°C,CḤCḡCḡ.

РμCḡPsC,,C-P»P°PeC,PePeP° PIC-PrC,PsCḡPiPSPμPSPSCḡ CḡPμCḡC†Cḡ

P"PsCḡPsCḡP»C-

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° PrP»Cḡ PḡP°C†C-C"PSC,C-PI P·
C,CḡP°PSCḡPḡP»P°PSC,P°C,P°PjPḡ CḡPμCḡC†Cḡ CḡC,P°PSPsPIPḡC,CH 1,5 Pi 2 CḡP°P·Pḡ PSP°
PrPsP±Cḡ (PrPsP±PsPIP° PrPsP·P° вḡ" 3 Pi). PμCḡPḡPμPsPj PḡCḡPμPḡP°CḡP°C,Cḡ
PSPμPsP±C...C-PrPSPs CḡPsP·PḡPsC†PḡPSP°C,Pe PḡCḡPsC,CḡPiPsPj 5 PrC-P± PḡC-CḡP»Cḡ
C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C—.

P"C-C,Pḡ

P"P°PSPḡC... P· P±PμP·PḡPμPePḡ C,P° PμC,,PμPeC,PePIPSPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PḡCḡPμPḡP°CḡP°C,Cḡ PrC-C,CḡPj PḡC-CḡP»Cḡ C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C— CḡPμCḡC†Cḡ
PSPμPjP°C".

РμCḡPsC,,C-P»P°PeC,PePeP° PIC-PrC,PsCḡPiPSPμPSPSCḡ PḡPμC†C-PSPePḡ

P"PsCḡPsCḡP»C-

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° PrP»Cḡ PḡP°C†C-C"PSC,C-PI P·
C,CḡP°PSCḡPḡP»P°PSC,P°C,P°PjPḡ PḡPμC†C-PSPePḡ CḡC,P°PSPsPIPḡC,CH 1,5 Pi 2 CḡP°P·Pḡ PSP°
PrPsP±Cḡ (PrPsP±PsPIP° PrPsP·P° вḡ" 3 Pi). PμCḡPḡPμPsPj PḡCḡPμPḡP°CḡP°C,Cḡ
PSPμPsP±C...C-PrPSPs CḡPsP·PḡPsC†PḡPSP°C,Pe CḡPePsPjPsPḡP° CḡPIPḡPrCḡPμ P·P° CḡPjPsPIPḡ
PμPsPiPs PḡPμCḡPμPSPsCḡPḡPsCḡC,C-.

P"C-C,Pḡ

P"P°PSPḡC... P· P±PμP·PḡPμPePḡ C,P° PμC,,PμPeC,PePIPSPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PḡCḡPμPḡP°CḡP°C,Cḡ PrC-C,CḡPj PḡC-CḡP»Cḡ C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C—
PḡPμC†C-PSPePḡ PSPμPjP°C".

PhCḡPsP±P»PḡPIC- PḡCḡCḡPḡPḡ PḡP°C†C-C"PSC,C-PI

PμP°C†C-C"PSC,Pḡ P»C-C,PSCHḡPsPiPs PIC-PeCḡ

P"P»Cḡ PḡP°C†C-C"PSC,C-PI P»C-C,PSCHḡPsPiPs PIC-PeCḡ (≥65 CḡPsPeC-PI) PḡC-CḡP»Cḡ
C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C— PSPḡCḡPePḡ CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P°
CḡC,P°PSPsPIPḡC,CH 1 Pi 2 CḡP°P·Pḡ PSP° PrPsP±Cḡ, P° PḡC-CḡP»Cḡ
C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C— CḡPμCḡC†Cḡ C- PḡPμC†C-PSPePḡ вḡ" 1,5 Pi 2 CḡP°P·Pḡ PSP°
PrPsP±Cḡ.

PḡPeCḡPePsPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,CH

Pj PḡP°C†C-C"PSC,C-PI P· C,CḡP°PSCḡPḡP»P°PSC,P°C,P°PjPḡ PSPḡCḡPePḡ C,P° C,CḡPḡPePsCḡ
C...CḡPsPSC-C†PSPsCḡ PSPḡCḡPePsPIPpsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,CH
(CḡPIPḡPrPeC-CḡC,CH PeP»CḡP±PsC†PePsPIPpsC— C,,C-P»CHC,CḡP°C†C-C— <25
PjP»/C...PI/1,73 Pj²), P·P° PIPḡPSCḡC,PePsPj PḡPμCḡC-PsPrCḡ P±PμP·PḡPsCḡPμCḡPμPrPSCHḡPs
PḡC-CḡP»Cḡ C,CḡP°PSCḡPḡP»P°PSC,P°C†C-C—, CḡP»C-Pr CḡPSPḡPeP°C,Pe PrPsP·, C%Ps
CḡC,P°PSPsPIP»CḡC,CH P±C-P»CHCḡPμ 1 Pi 2 CḡP°P·Pḡ PSP° PrPsP±Cḡ. PḡP°PeC-
PḡP°C†C-C"PSC,Pḡ PḡPsC,CḡPμP±CḡCḡC,CH CḡPμC,PμP»CHḡPSPsPiPs PSP°PiP»CḡPrCḡ.
PḡPsCḡPμPeC†C-Cḡ PrPsP·Pḡ C...PIPpsCḡPḡPj P· PḡC-CḡP»CḡPsPḡPμCḡP°C†C-PμPSPsCḡ
P·P°C,CḡPḡPjPePsCḡ C,,CḡPSPeC†C-C— PSPḡCḡPePsPIPpsPiPs C,CḡP°PSCḡPḡP»P°PSC,P°C,P° PSPμ

РiРsC,СҗC-Р±PSP° (РrРёРl. СҗРsР·РrC-Р» В«Рᄡ°СҗРjР°РeРsРeC-PSPµC,РёРeР°В»). Р°°PSC-
C%PsPrPs РiР°C†C-C°PSC,C-PI C-Р· C,СjР¶Р¶РeРsСҗ C...СҗРsPSC-C†PSPsСҗ PSPёСҗРeРsPIPsСҗ
PSPµPrPsC†C,Р°C,PSC-C†C,Сҗ, СjРeC- РiРµСҗРµPSPµC†Р»Рё
C,СҗР°°PSC†РiР»Р°°PSC,Р°C†C-Сҗ С†РµСҗC†Cj Р°Р±Ps РiРµC†C-PSРeРё, PIC-РrC†C†C,PSC-.

РјСjР¶Р¶РeР° РiРµC†C-PSРeРsPIР° PSPµPrPsC†C,Р°C,PSC-C†C,Сҗ

РµРsСҗРµC†C-Сj РrPsР·Рё Сr РiР°C†C-C°PSC,C-PI Р· C,СjР¶Р¶РeРёРj
Р·Р°C...PIPsСҗСҗPIР°PSPSCj РiР°СҗРµPSC...C-РjРё РiРµC†C-PSРeРё, СjРeC-
РiРµСҗРµPSPµC†Р»Рё C,СҗР°°PSC†РiР»Р°°PSC,Р°C†C-Сҗ PSPёСҗРeРё, PSPµ РiРsC,СҗC-Р±PSP°.
Р°°PSC- C%PsPrPs РiР°C†C-C°PSC,C-PI C-Р· C,СjР¶Р¶РeРёРj Р·Р°C...PIPsСҗСҗPIР°PSPSCj
РiР°СҗРµPSC...C-РjРё РiРµC†C-PSРeРё, СjРeC- РiРµСҗРµPSPµC†Р»Рё Рё
C,СҗР°°PSC†РiР»Р°°PSC,Р°C†C-Сҗ С†РµСҗC†Cj, PIC-РrC†C†C,PSC-.

Р·C-РeCᄡPIР°PSPSCj РiСҗРsC,СjРiРsРj РµРiC-Р·PsPrC-PI PIC-РrC,PsСҗРiPSPµPSPSCj

РҕC-РeРsC,,РµPSPsР»PsPIР° РeРёC†Р»PsC,Р° C° Р°РeC,РёPIPSPёРj РjРµC,Р°Р±PsР»C-C,PsРj
РjC-РeРsC,,РµPSPsР»Р°C,Сr РjPsC,,РµC,РёР»»Сr. Р·C-РrC,PsСҗРiPSPµPSPSCj
PSPёСҗРeРsPIPsРiPs C,СҗР°°PSC†РiР»Р°°PSC,Р°C,Р° PSPµ РiСҗРёРёР·PIPsРrРёC,Сҗ РrPs
Р·РjC-PSРё C,,Р°СҗРjР°°РeРsРeC-PSPµC,РёРeРё РjC-РeРsC,,РµPSPsР»PsPIPsC— РeРёC†Р»PsC,Рё.
Рj C,Р°РeРёC... РiРёРiР°РrРeР°C... РiСҗРёРёРёPSPµPSPSCj Р»C-РeC†PIР°PSPSCj
РiСҗРµРiР°СҗР°C,PsРj Р°Р±Ps Р·PSРёР¶РµPSPSCj РNёРsРiPs РrPsР·Рё PSPµ РiРsC,СҗC-Р±PSPµ.
РkРµРjР°C° РrР°°PSРёC... C%PsPrPs C,,Р°СҗРjР°°РeРsРeC-PSPµC,РёРeРё
РjC-РeРsC,,РµPSPsР»PsPIPsC— РeРёC†Р»PsC,Рё РiC-Рr C†Р°C† PIC-РrC,PsСҗРiPSPµPSPSCj
C,СҗР°°PSC†РiР»Р°°PSC,Р°C,Р° РiРµC†C-PSРeРё. РkРµРjР°C° РrР°°PSРёC... C%PsPrPs
РeРsСҗРµC†C-C— РrPsР·Рё РiСҗРё РiC-РrC,PsСҗРiPSPµPSPSC- C,СҗР°°PSC†РiР»Р°°PSC,Р°C,Р°
С†РµСҗC†Cj.

Р°°C-C,Рё

РkРµРjР°C° РrР°°PSРёC... C%PsPrPs Р»C-РeC†PIР°PSPSCj РiРµСҗCёРsРiPs РµРiC-Р·PsPrC†
Р°Р±Ps СҗРµC,,СҗР°°РeC,РµСҗРsРiPs PIC-РrC,PsСҗРiPSPµPSPSCj РiC-C†Р»Cj
C,СҗР°°PSC†РiР»Р°°PSC,Р°C†C-C— Сr РrC-C,РµРNё.

РјРiРsC†C-Р± Р·Р°C†C,PsC†C†PIР°PSPSCj

РµРµСҗРsСҗР°°»СҗPSPµ Р·Р°C†C,PsC†C†PIР°PSPSCj.

*Р—Р°РiРsР±C-Р¶PSC- Р·Р°C...PsPrРё, СjРeРёC... C†Р»C-Рr РiР¶РёC,Рё РrPs РiСҗРёРёРNёРsРjCᄡ
РrР°°PSPsРiPs Р»C-РeР°СҗC†СҗРeРsРiPs Р·Р°C†PsР±Cᄡ*

РҕC†РeC-Р»СҗРeРё РjC-РeРsC,,РµPSPsР»Р°C,Сr РjPsC,,РµC,РёР»»
РiСҗРsРrРµРjPsPSC†C,СҗC†PIР°PI C,РµСҗР°C,PsРiРµPSPSC† РrC-Сҗ Сr C%СrСҗC-PI C-
РeСҗРsР»C-PI, РeР°РiC†C†Р»Рё РiСҗРµРiР°СҗР°C,Сr РҕC-C,,РµPSP°РeC†^В PSPµ C†Р»C-Рr
PIC-РrРeСҗРёРiР°C,Рё Р°Р±Ps СҗРsР·Р»°РjC†PIР°C,Рё Р· РjРµC,PsСҗ СrPSРёРePSPµPSPSCj
PIРrРёC...Р°°PSPSCj РiРsСҗРsCёРeC†, C%Ps РjC-C†C,РёC,СҗC†Cj Рi РeР°РiC†C†Р»Р»°C..., C,Р°
РNёРsРiPs РiСҗCjРjРsРiPs РiРsC,СҗР°°РiР»CjPSPSCj PSP° CёРeC-СҗC† Р°Р±Ps C†Р»Р»РёР·PsPIC-
PsР±PsР»PsPSРё. РiРeC%Ps C†Рµ PIC-РrР±C†Р»PsC†Cj, РiРsC,СҗC-Р±PSPs
СҗРµC,РµР»»СҗPSPs РiСҗРsРjРёC,Рё Р·Р°Р±СҗC†РrPSPµPSC† РrC-Р»CjPSРeC† CёРeC-СҗРё
PIPsРrPsСҗ Р· РjРёР»PsРj, Р° PsC†C- Вҗ° Р»РёCёРµ РiСҗРsC,PsC†PSPsСҗ РiPsРrPsСҗ.

P"°PSPëC... P· P±PµP·PīPµPePë C,P° PµC,,PµPeC,PëPIPSPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCf PīCfPµPīP°CfP°C,Cf PrC-C,CfPj PīC-CfP»Cf C,CfP°PSCfPīP»P°PSC,P°C†C-C— PīPµC†C-PSPePë C,P° PīC-CfP»Cf C,CfP°PSCfPīP»P°PSC,P°C†C-C— CfPµCfC†Cf PSpµPjP°C". P†CfPSCfCfC,Ch PsP±PjPµP¶PµPSC- PrP°PSC- C%PsPrPs P±PµP·PīPµPePë C,P° PµC,,PµPeC,PëPIPSPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCf PīCfPµPīP°CfP°C,Cf PrC-C,CfPj PīC-PePsPj PrPs 2 CfPµPeC-PI PīC-CfP»Cf C,CfP°PSCfPīP»P°PSC,P°C†C-C— PSpëCfPµPePë. PkPµPjP°C" PrP°PSPëC... C%PsPrPs P»C-PeCfPIP°PSPSCf PīPµCfCfPsPiPs PµPīC-P·PsPrCf P°P±Ps CfPµC,,CfP°PeC,PµCfPSPsPiPs PīC-PrC,PsCfPiPSPµPSPSCf PīC-CfP»Cf C,CfP°PSCfPīP»P°PSC,P°C†C-C— Cf PrC-C,PµPNë.

P°P°PSC- PīCḥPs PīPμCḥPμPrPsP·CíPíP°PSPSCḐ PjC-PePsC,,PμPSPsP»P°C,Cí PjPsC,,PμC,PēP»Cí P±CíP»Pē PsC,CḥPēPjP°PSC- Pí C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsCíP»C-PrP¶PμPSCḐ C,P° PīC-CíP»CḐCḥPμC"CíC,CḥP°C†C-PNēPSPsPiPs P·P°CíC,PsCíCíPíP°PSPSCḐ. Pj P±P°PíP°C,CḥPsC... P·PSPēC... PīCḥPs PīPsP±C-C†PSC- CḥPμP°PeC†C-C— PSPμ PīPsPIC-PrPsPjP»CḐP»Pē. PμPsP±C-C†PSC- CḥPμP°PeC†C-C—, C%oPs PíPēPSPēPeP»Pē PīCḥPē PīPμCḥPμPrPsP·CíPíP°PSPSC-, P·P±C-PíP°P»PēCíCḐ P·PIC-PrPsPjPēPj PīCḥPsC,,C-P»PμPj P±PμP·PīPuPePē PīCḥPuPíP°CḥP°C,Cí.

РкРµ ГГР»С-Рr PsC†C-РeC†PIP°С,Рө PIPөPIРµPrРµPSPSC†† РeР»С-РSC-С†PSPs
Р·PSP°C†C†C°%PsC— РeC-Р»СНРeРsC†C,С- РҖРРРљ Р°Р±Ps РҖРРРљР»“ СєР»C†C...PsPj
PiРµPjPsPrC-Р°Р»С-Р·C†. РµCҖРµРµРiР°CҖР°C,Рө, C°%Ps Р·PI·C†Р·C†C,СН Р¶PsPIC†PSC-
РeРeCГР»PsC,Рө, C,Р°РeC- C†Рe C...PsР»РµC†C,РөCҖР°РјC-PS, РјPsР¶C†C,СН PIPөPIРµC†C,Рө
РҖРРРљ СєР»C†C...PsPj Р·PSPөР¶РµPSPSC†† РµPSC,РµCҖPsPiРµРiР°C,РөC†PSPsC—
CҖРµC†РөCҖРeC†Р»C†C— Р»С-РeР°CҖC†СНРeРsPiРs Р·Р°C†PsР±C† (PrРөPI.
CҖРsР·PrC-Р» В«РРР°CҖРјРiР°РeРsРeC-РSPµC,РөРeР°В»).

P—P° PsC†C—PSPeP°PjPë, P·P°PiP°P»PsPj 1557 PïP°C†C—C”PSC,C—PI PsC,CḡPëPjC†PIP°P»Pë
PjC—PePsC,,PμPSPsP»P°C,C† PjPsC,,PμC,PëP» C† PïC†C,C,Pë PeP»C—PSC—C†PSPëC...
PrPsC†P»C—PrP¶PμPSPSC†C... PïCḡPsC,,C—P»P°PeC,PëPePë PiPsC†C,CḡPsPiPs
PIC—PrC,PsCḡPiPSPμPSPSC† C,CḡP°PSC†PïP»P°PSC,P°C,P°. P†P· PSPëC... 991 P±C†P»Pë
PIPeP»CḡC†PμPSC— PrPs C,CḡCHPsC... PrPsC†P»C—PrP¶PμPSCḡ

C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PSp₂C₇H₅PeP₂, 277 B₇“ PrPs PsPrPSPsPiPs
 PrPsC₁P^o»C-PrP₁P₁PSPSC₁ C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PiP₁C₁C-PSPeP₂ C, P^o 289 B₇“ PrPs
 PsPrPSPsPiPs PrPsC₁P^o»C-PrP₁P₁PSPSC₁ C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— C₁P₁C₇H₅C₁C₁.
 PhP^o C, C-PsPiC₇H₅P₂PS C₁Pe PiC₇H₅PiP^o C₇P^o C, PiPsC₇H₅C-PIPSC₁PSPSC₁
 P^o P^o C₁C, PsC₁PiPsPIC₁PiP^o P^o»P₂ C₁ PrPsC₁P^o»C-PrP₁P₁PSPSC₁C...
 C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PiP₁C₁C-PSPeP₂ C, P^o C₁P₁C₇H₅C₁C₁, P^o C, P^o PePsP₁ C₁
 PrPiPsC... PrPsC₁P^o»C-PrP₁P₁PSPSC₁C... C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PSp₂C₇H₅PeP₂.
 P₁PSC₁PeP₁ PrPsC₁P^o»C-PrP₁P₁PSPSC₁ C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PSp₂C₇H₅PeP₂ P₁C₁P^o»Ps
 PiP^o»P^o C₁P₁P₁±Ps-PePsPSC, C₇H₅PsP^o»CH₅PsPiP^o PSp₂P₁. P₁ PIC₁C-C... PiC₇H₅C₁PiP^o C...
 PrPsC₁P^o»C-PrP₁P₁PSPSC₁ PiP^o C₁C-C”PSC, P₂ C, P^o PePsP₁ PsC, C₇H₅P₂P₁C₁PiP^o P^o»P₂
 C₁P₂PeP₂»PsC₁PiPsC₇H₅P₂PS C, P^o PePsC₇H₅, P₂PePsC₁C, P₁C₇H₅PsC—PrP₂. P₂P₂PiP₂
 PiPsP₁±C-C₁PSPeC... C₇H₅P₁P^o PeC₁C-PN₂, PiC₇H₅PS C₁PeC- PiPsPIC-PrPsP₁P^o»C₁PeP₂»P₂ PiC-Pr C₁P^o C₁
 PiC-C₁P^o»C₁C₇H₅P₁C”C₁C, C₇H₅P^o C₁C-PN₂ PSp₂PsPiPs P^o P^o C₁C, PsC₁C₁PiP^o PSpSC₁
 P₁C-PePsC,, P₁PSPsP^o»P^o C, C₁ P₁PsC,, P₁C, P₂P^o»C₁, C” PiPsPrC-P₁PSPeP₁P₂ PrPs C, P₂C..., C₁Ps
 C₁PiPsC₁C, P₁C₇H₅C-PiP^o P^o»P₂C₁C₁ PI PePsPSC, C₇H₅PsP^o»CH₅PsPiP^o PSp₂C...
 PrPsC₁P^o»C-PrP₁P₁PSPSC₁C... C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C— PSp₂C₇H₅PeP₂, C₁P₁C₇H₅C₁C₁
 C, P^o PiP₁C₁C-PSPeP₂.

P₁K^o PN₂P₁±C-P^o»CH₅C₁ PiPsC₁PeC₇H₅P₁PSP₂P₁P₂ C, P^o/P^o P₁±Ps C₁P₁C₇H₅PN₂PsP^o PSp₂P₁P₂
 PiPsP₁±C-C₁PSPeP₁P₂ C₇H₅P₁P^o PeC₁C-C₁P₁P₂, PiPsPiC₁PeP^o PSp₂P₁P₂ C-P^o.
 P^o P^o C₁C, PsC₁C₁PiP^o PSpSC₁P₁ P₁C-PePsC,, P₁PSPsP^o»P^o C, C₁ P₁PsC,, P₁C, P₂P^o»C₁ PI
 PePsP₁P₁±C-PSp^o C₁C-C— P^o C₁P₂PeP₂»PsC₁PiPsC₇H₅P₂PS P₁ C-
 PePsC₇H₅, P₂PePsC₁C, P₁C₇H₅PsC—PrP^o P₁P₂, P₁C₁P^o»P₂ PrC-P^o C₇H₅P₁C₁, P^o P₁PN₂PePsPiP₁PSC-C₁,
 C₁P₁PiC₁P₂C₁ C- P₁±P^o»CH₅PiP^o PSpSC₁. P₁C₁PSC₁CH₅, CH₅ C, P^o PePsP₁ PrP^o PSC- PiC₇H₅Ps
 PiC-PrPiP₂C₁PsP₁PSPSC₁ C₁P^o C₁C, PsC, P₂ PrP₁C₁PeP₂C... C, P₂PiC-PI C-PSC,, P₁PeC₁C-PN₂
 (PrP₂PI. C₇H₅PsP^o PrC-P^o» B«PhC₁PsP₁±P^o»PiP₁PsC₁C, C- P^o P^o C₁C, PsC₁C₁PiP^o PSpSC₁»).

P₁ C, P^o P₁±P^o»P₂C₁C- PSp₂P₁C₁P₁ P^o P^o P^o PSp^o C₁P₁PSPs PiPsP₁±C-C₁PSC- C₇H₅P₁P^o PeC₁C-C—,
 C₁PeC- C₁PiPsC₁C, P₁C₇H₅C-PiP^o P^o»P₂C₁C₁ C₁ PeP^o»C-PSC-C₁PSPeC...
 PrPsC₁P^o»C-PrP₁P₁PSPSC₁C... C, P^o PiC-Pr C₁P^o C₁
 PiC-C₁P^o»C₁C₇H₅P₁C”C₁C, C₇H₅P^o C₁C-PN₂ PSp₂PsPiPs P^o P^o C₁C, PsC₁C₁PiP^o PSpSC₁, P^o
 PeP^o»P^o C₁P^o P₁P₂ C₁P₂ PsC₇H₅PiP^o PSC-PI PIC-PrPiPsPIC-PrPSPs PrPs MedDRA C, P^o
 C₁P^o C₁C, PsC, PsC₇. P^o C-PrPiPsPIC-PrPSP^o PeP^o C, P₁PiPsC₇H₅C-C₁ C₁P^o C₁C, PsC, P₂ PrP^o»C₁
 PePsP₁PSPsC— PiPsP₁±C-C₁PSPeC— C₇H₅P₁P^o PeC₁C-C— PSp^o PiC₇H₅PiP^o C₇H₅P^o C,
 P^o P^o C₁PSPsPiP^o PSp^o PSp^o C, P^o PeP₂C... PeC₇H₅P₂C, P₁C₇H₅C-C₁C...: PrC₁P₁P₁ PiPsC₁PeC₇H₅P₁PSC-
 (≥1/10), PiPsC₁PeC₇H₅P₁PSC- (PIC-Pr ≥1/100 Pro <1/10), PSp₁PiPsC₁PeC₇H₅P₁PSC- (PIC-Pr
 ≥1/1000 Pro <1/100), C₇H₅C-PrPePs PiPsC₁PeC₇H₅P₁PSC- (PIC-Pr ≥1/10000 Pro <1/1000) C, P^o
 PrC₁P₁P₁ C₇H₅C-PrPePs PiPsC₁PeC₇H₅P₁PSC- (<1/10000). P₁P₁C₇H₅P₁P^o P^o PSp^o C₁PSC-
 PIC-PrP₁C-PSPSPsC₁C-, C₁Ps C₁PiPsC₁C, P₁C₇H₅C-PiP^o C₇H₅, CH₅C₁C₁ PI C₁P^o C₁C, PsC, C-
 PiP₁PIPSPeC... PiPsP₁±C-C₁PSPeC... C₇H₅P₁P^o PeC₁C-PN₂ PrP^o»C₁ C₇H₅C-P^o PSp₂C...
 PiPsPeP^o P^o P^o PSC₇ C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C—, C₁P^o C₁C, PsC, P^o PSp^o PiP₁PrP₁PSP^o
 PsPeC₇H₅P₁P₁ PrP^o»C₁ PiP^o C₁C-C”PSC, C-PI C-P^o C, C₇H₅P^o PSC₁PiP^o»P^o PSC, P^o C₁C-C”C₇
 PSp₂C₇H₅PeP₂, PiP₁C₁C-PSPeP₂ C, P^o C₁P₁C₇H₅C₁C₁.

P P₁P^o C₇H₅P₁P₁ PiPsP₁±C-C₁PSPeC... C₇H₅P₁P^o PeC₁C-PN₂, C₁Ps PIP₂PSPePeP^o P^o»P₂ C₁
 PiP^o C₁C-C”PSC, C-PI, C₁PeC- PsC, C₇H₅P₂P₁C₁PiP^o P^o»P₂ P₁C-PePsC,, P₁PSPsP^o»P^o C, C₁
 P₁PsC,, P₁C, P₂P^o» C₁ PeP^o»C-PSC-C₁PSPeC... PrPsC₁P^o»C-PrP₁P₁PSPSC₁C... C, P^o C₁
 PiC-C₁P^o»C₁C₇H₅P₁C”C₁C, C₇H₅P^o C₁C-PN₂ PSp₂PN₂ PiP₁C₇H₅C-PsPr

[illegible]

P'C-PrCḥPēPḥPḥPeP°
PḥPḥC, PḥPḥPsCḥPēPḥPj
P"P°CḥC, CḥPēC,
PḥP°CḥPSPePsPIPs-PePēCēPePsPIP°
PeCḥPsPIPsC, PḥCḥP°
P'PēCḥP°P·PeP° CēP°CḥPSPePsPIPs-
PePēCēPePsPIPsPiPs C, CḥP°PeC, Cḥ
P"C-PiPḥCḥPiP°P"P·C-Cḥ CḥCḥPḥPS
PḥPēCēPePsPIP° PSpḥPiCḥPsC...C-PrPSC-CḥC, Cḥ
P'PēCḥP°P·PePē CḥPēC, PsPIPsC—
PiPsCḥPsPḥPSPPēCḥPēC
PḥCḥPḥPrPsC, P°
PḥP°PSPeCḥPḥPḥC, PēC,
PḥC, PsPjP°C, PēC,
P'P°CḥPiP°PSPSCḥ
P—PḥPsPeCḥC·PjCḥPSPSPSC—CḥPēCḥC, PḥPjPē
P"C-PiPḥCḥCḥCḥC, P°PēPiC-CḥC, Cḥ
P"C-PiPsPiP°PjPjP°PiP°PsPḥCḥPḥC—PSPḥPjC-Cḥ

PkPμPiPsCεPēČĤPμPSC-
PμPsCεPēČĤPμPSC-
PμPsCεPēČĤPμPSC-
PμPsCεPēČĤPμPSC-

PμPsCεPēČĤPμPSC-

PμPsCεPēČĤPμPSC-
PμPsCεPēČĤPμPSC-
PμPsCεPēČĤPμPSC-

PkPμPiPsCεPεC̄hPμPSC-
P"CrPμPiPsCεPεC̄hPμPSC-
PμPsCεPεC̄hPμPSC-
PμPsCεPεC̄hPμPSC-

PμPsCεPεC̄hPμPSC-

PμPsCεPεC̄hPμPSC-
PμPsCεPεC̄hPμPSC-
PμPsCεPεC̄hPμPSC-

PuPsCεPεC̄H̄PuPSC-
P⁺CrP||Pμ PiPsCεPεC̄H̄PuPSC-
PuPsCεPεC̄H̄PuPSC-
PuPsCεPεC̄H̄PuPSC-

PuPsCεPεC̄H̄PuPSC-
PuPsCεPεC̄H̄PuPSC-
PuPsCεPεC̄H̄PuPSC-
PuPsCεPεC̄H̄PuPSC-

P—P±PsPeCz PiPuPiP°C,PSP±C-P»C-^PCCTHPSPC—C
 PuC-PrPiPêC%oPuPSPSCII CTĤC-PIPSCII
 P»CfP¶PSPS—C,,PsCŦC°,P°C,P°P·Pê PI PeCTĤPsPIC-
 PuC-PrPiPêC%oPuPSPSCII CTĤC-PIPSCII
 P»P°PeC,P°C,PrPµPiC-PrCTĤPsPiPuPSP°P·Pê PI
 PeCTĤPsPIC—
 PuC-PrPiPêC%oPuPSPSCII CTĤC-PIPSC-PI
 PiPuC†C-PPePsPiPêC... C,,PuCHjPiPuPSC,C-PI
 P°PuPiP°C,PêC,
 P°C-PIPuCTĤP±C-P»C-CTĤCfP±C-PPSPµJc-CII
 P-PSPIC,CII PSPêC†CII
 P—P±PsPeCz CêPeC-CTĤPê C,P° PiC-PrCêPeC-CTĤPS
 PhPePSPµ
 PhP»PsPiPuC†C-CII
 P°PêCŦPêPiP°PSPSCII
 P°C-PIPuCTĤC,CTĤPsC,,C-CII CêPeC-CTĤPê
 P—P±PsPeCz PeC-CTC,PePsPIPps-Pj'CIIP-PsPIPsC—C
 PuC-CTĤC,CTĤP°P»PiC-CII
 Ph:CIIIP-PsPiP° CŦP°P°P±PeC-CŦC,CH
 P—P±PsPeCz PSPêCTĤPsPe C,P° CŦPµC‡PsPiPêPrC-I
 PuC-PrPiPêC%oPuPSPSCII CTĤC-PIPSCII
 PeCTĤPµP°C,PêPSC-PPSC† PI PeCTĤPsPIC-
 PuC-PrPiPêC%oPuPSPSCII CTĤC-PIPSCII
 CŦPµC‡PsPiPêPSPê PI PeCTĤPsPIC-
 P°PuPiP°C,C†CTĤC-CII
 PuPsCCTĤCfCePuPSPSCII C,,CfPSPeC†C—C—
 PSPêCTĤPsPe
 P—P°PiP°P»CHbpsC-PIPsCTĤCzCêPePuPSPSCII C,P° CŦ
 PhCŦC,PµPSC-CII
 PhP·PSPSp±
 PÁP°P±CTĤCIIPe
 P°CTĤPêP¶P°
 PÁPuP·PrCfP¶P°PSPSCII
 P°PSP»C—
 PuC-PrPiPêC%oPuPSPSCII C,PµPiPiPuCTĤP°C,C†CTĤP
 C,C-P»P°
 P°PsCŦC,CTĤPêPNë P·P°PiP°P»CHbpsPêPNë
 CŦPêPSPrCTĤPsPj,
 P°CŦPSc†C-PNëPsiPuP°PSPêPNë P·
 C-PPSiC-P±C-C,C,PsCTĤP°PjPê
 CŦPêPSC,PuP·Cf PiC†CHPêPSC-PI de novo

PkPμPiPsC€PëCḡPμPSC-
PkPμPiPsC€PëCḡPμPSC-

P₄P₅C€P₆C₇P₈PSC-

P_μP_sC€PëC_ηP_μPSC-

PꞑPꞑScĖPēCĥPꞑPSC-
 PꞑPꞑScĖPēCĥPꞑPSC-
 C— *PeP»C-C,PePSPiPePS.*
 PꞑPꞑScĖPēCĥPꞑPSC-
 PꞑPꞑScĖPēCĥPꞑPSC-
 PꞑPꞑScĖPēCĥPꞑPSC-
 PꞑPꞑScĖPēCĥPꞑPSC-
PeēCĤC.PꞑPꞑPē C.P» CĤPꞑP.
 PꞑPꞑScĖPēCĥPꞑPSC-
 PꞑPꞑScĖPēCĥPꞑPSC-
CHꞑSPSPēC... CēP»CĤC...C
 PꞑPꞑScĖPēCĥPꞑPSC-

$$\begin{array}{l} \text{P''CrP}\parallel\text{P}_{\mu} \quad \text{PiPsC€P€CTjP}_{\mu}\text{PSC-} \\ \text{P}_{\mu}\text{PsC€P€CTjP}_{\mu}\text{PSC-} \end{array}$$

P^rC^fP[¶]P_i P_iP_sC^εP^εC^ηP_uPSC-
P_uP_sC^εP^εC^ηP_uPSC-
P^rC^fP[¶]P_i P_iP_sC^εP^εC^ηP_uPSC-
P_uP_sC^εP^εC^ηP_uPSC-
P_uP_sC^εP^εC^ηP_uPSC-
P_uP_sC^εP^εC^ηP_uPSC-
P^rC^fP[¶]P_i P_iP_sC^εP^εC^ηP_uPSC-

PkPμPīPsC€PëCηPμPSC-

P₄PsC€PëC₇P_μPSC-
P"CrP¶P_μ C₇C-PrPePs
P_īPsC€PëC₇P_μPSC-

P₄P₅C€P€C₇P₄PSC-

PKPµPīPsC€PëCḤPµPSC-

P"CrP¶Pµ PiPsCεPëC¶PµPSC-
P"CrP¶Pµ PiPsCεPëC¶PµPSC-
P"CrP¶Pµ PiPsCεPëC¶PµPSC-
PµPsCεPëC¶PµPSC-

PuPsCεPεCηPuPSC-
PuPsCεPεCηPuPSC-
P"CrP¶Pu PiPsCεPεCηPuPSC-
PuPsCεPεCηPuPSC-
C#PSPSc — C,PeP"PSPPSPë
PuPsCεPεCηPuPSC-
PuPsCεPεCηPuPSC-

P"Cr'P¶Pµ PiPsC€PëCḤPµPSC-

P"CrP¶Pµ PiPsC€PëCḤPµPSC-

$$\begin{array}{l} \text{P}\mu\text{P}\sigma\text{C}\epsilon\text{P}\epsilon\text{C}\eta\text{P}\mu\text{P}\sigma\text{C}- \\ \text{P}''\text{C}\rho\text{P}\mu\text{P}\sigma\text{C}\epsilon\text{P}\epsilon\text{C}\eta\text{P}\mu\text{P}\sigma\text{C}- \end{array}$$

P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-
P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-
P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-
P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-
P⁺PiPsC€P€C€P⁺PuPSC-
P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-
P⁺CrP⁺Pu P⁺PiPsC€P€C€P⁺PuPSC-

PkPµPïPsC€PëCηPµPSC-

$$\begin{array}{c} \text{P}^{\text{u}}\text{P}^{\text{s}}\text{C}\epsilon\text{P}\epsilon\text{C}\eta\text{P}^{\text{u}}\text{P}^{\text{s}}\text{C}- \\ \text{P}^{\text{r}}\text{C}^{\text{r}}\text{P}^{\text{u}}\text{C}\eta\text{C}-\text{P}^{\text{r}}\text{P}^{\text{e}}\text{P}^{\text{s}} \\ \text{P}^{\text{i}}\text{P}^{\text{s}}\text{C}\epsilon\text{P}\epsilon\text{C}\eta\text{P}^{\text{u}}\text{P}^{\text{s}}\text{C}- \end{array}$$

P₄P₅C€P₆C₇P₈PSC-

P"CrP¶Pµ PïPsC€PëCḤPµPSC-

P"CrP¶Pµ PïPsC€PëCḥPµPSC-

P_KP_uP_iP_sC€P_eC₇P_uPSC-
P"CrP_uP_iP_sC€P_eC₇P_uPSC-
P_uP_sC€P_eC₇P_uPSC-

P''CrP||P_μ P̄iPsCεPēC₇P_μPSC-
P_μPsCεPēC₇P_μPSC-
P''CrP||P_μ P̄iPsCεPēC₇P_μPSC-
P''CrP||P_μ P̄iPsCεPēC₇P_μPSC-

P"CrP¶Pµ PīPsC€PëCĤPµPSC-
P"CrP¶Pµ PīPsC€PëCĤPµPSC-

P"CrP¶Pµ PïPsC€PëCḤPµPSC-

P"CrP¶Pµ PïPsC€PëCḤPµPSC-

$$\begin{array}{l} \text{P}\mu\text{P}\sigma\text{C}\epsilon\text{P}\ddot{\epsilon}\text{C}\eta\text{P}\mu\text{P}\sigma\text{C}- \\ \text{P}''\text{C}\rho\text{P}\mu\text{P}\ddot{\iota}\text{P}\sigma\text{C}\epsilon\text{P}\ddot{\epsilon}\text{C}\eta\text{P}\mu\text{P}\sigma\text{C}- \end{array}$$

P⁺CrP⁺Pu PiPsCePcChPuPSC-
P⁺CrP⁺Pu PiPsCePcChPuPSC-
P⁺CrP⁺Pu PiPsCePcChPuPSC-
P⁺CrP⁺Pu PiPsCePcChPuPSC-
PuPsCePcChPuPSC-
P⁺CrP⁺Pu PiPsCePcChPuPSC-
P⁺CrP⁺Pu PiPsCePcChPuPSC-

PκPμPιPσC€PëCηPμPSC-

$\text{P}\mu\text{C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PjC-C,PeP}^\circ: 991 (\text{PjC-PePsC}_{,,}\text{P}\mu\text{PSPSP}\gg\text{P}^\circ\text{C,Cr PjPsC}_{,,}\text{P}\mu\text{C,P}\ddot{\text{e}}\text{P}\gg 2 \text{Pi}/3 \text{Pi PSP}^\circ \text{PrPsP}\pm\text{Cr}),$
 $289 (\text{PjC-PePsC}_{,,}\text{P}\mu\text{PSPSP}\gg\text{P}^\circ\text{C,Cr PjPsC}_{,,}\text{P}\mu\text{C,P}\ddot{\text{e}}\text{P}\gg 3 \text{Pi PSP}^\circ \text{PrPsP}\pm\text{Cr PiP}\mu\text{C}\overline{\text{H}}\text{PsC}\overline{\text{H}}\text{P}^\circ\text{P}\gg\text{CH}\text{PSPs})$
 $\text{C,P}^\circ 277 (\text{PjC-PePsC}_{,,}\text{P}\mu\text{PSPSP}\gg\text{P}^\circ\text{C,Cr PjPsC}_{,,}\text{P}\mu\text{C,P}\ddot{\text{e}}\text{P}\gg 2 \text{Pi PSP}^\circ \text{PrPsP}\pm\text{Cr}$
 $\text{PIPSCrC,C}\overline{\text{H}}\text{C-C}\overline{\text{E}}\text{PSC}\overline{\text{H}}\text{PsPIP}\mu\text{PSPSPs}/3 \text{Pi PSP}^\circ \text{PrPsP}\pm\text{Cr PiP}\mu\text{C}\overline{\text{H}}\text{PsC}\overline{\text{H}}\text{P}^\circ\text{P}\gg\text{CH}\text{PSPs})$
 $\text{PiP}^\circ\text{C}\dagger\text{C-C}''\text{PSC,C-Pi PsC,C}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{PjCrPIP}^\circ\text{P}\gg\text{P}\ddot{\text{e}} \text{P}\gg\text{C-PeCrPIP}^\circ\text{PSPSC}\overline{\text{H}} \text{Cr}$
 $\text{PrPsC}\overline{\text{I}}\text{P}\gg\text{C-PrP}\overline{\text{H}}\text{P}\mu\text{PSPSC}\overline{\text{H}}\text{C... III C}_{,,}\text{P}^\circ\text{P}\cdot\text{P}\ddot{\text{e}} \text{PiC}\overline{\text{H}}\text{PsC}_{,,}\text{C-P}\gg\text{P}^\circ\text{PeC,P}\ddot{\text{e}}\text{PeP}\ddot{\text{e}}$
 $\text{PIC-PrC,PsC}\overline{\text{H}}\text{PiPSP}\mu\text{PSPSC}\overline{\text{H}} \text{C,C}\overline{\text{H}}\text{P}^\circ\text{PSC}\overline{\text{I}}\text{PiP}\gg\text{P}^\circ\text{PSC,P}^\circ\text{C,P}^\circ \text{PSP}\ddot{\text{e}}\text{C}\overline{\text{H}}\text{PeP}\ddot{\text{e}}, \text{C}\overline{\text{I}}\text{P}\mu\text{C}\overline{\text{H}}\text{C}\dagger\text{C}\overline{\text{H}} \text{C,P}^\circ$
 $\text{PiP}\mu\text{C}\ddagger\text{C-PSPeP}\ddot{\text{e}} \text{PIC-PrPiPsPIC-PrPSPs}.$

[illegible]
$$P-P \gg P_s C L I P \epsilon C - C I' P S C - P S P_s P I P_s C \acute{C} C, P I P_s C \eta P_{\mu} P S P S C L I$$

Pj PjP°C†C-C"PS C,C-PI, CIPeC- PsC,C7PëPjCíC7C,C7 C7PµP¶PëPjPë

C-PjCfPSPsCfCfPfcHfPmCfPpIPSPsC— C,PmCHfP°PfcC—, Cf C,PsPjCf C‡PpCfP»C-
 PePsPjP±C-PSP°C†C— P»C-PeP°CHfCfCHfPePpC... P·P°CfPSP±C-PI, PIPeP»CHfC‡P°CHfC‡Pp
 PpC—C,,PmPSP°PeCf^{B®}, Pfc-PrPIPpC%oPmPSPpPn CHfPpP·PpPe PIPpPSPpPePSPmPSPSCf
 P»C-PjC,,PsPj C,P° C-PSCpPpC... P·P»PsCfPeC—CfPSPpC... PSPsPIPsCfC,PIPsCHfPmPSCpH,
 P·PsPeCHfPmPjP° CEpC—CHfPp (PrPpPI. CHfPsP·PrC—P» B«PhCfPsP±P»PpPIPsCfC,C-
 P·P°CfC,PsCfCfPIP°PSPSCfB»). PpCHfPpCHfC—C‡PSC— PrP°PSC— P· P±PmP·PpPmPePp
 CfC,PsCfPsPIPsPs PpP°C†C—C”PSC,C-PI Pfc—CfP»Cf PpPmCHfPmCfP°PrPePp PSPpCHfPePp P°P±Ps
 CfPmCHfC†CfPSPm PjC—CfC,CfC,CpH C-PSC,,PsCHfPjP°C†C— PpCHfPs P±CfPrCHf—CfPeC-
 PSPmPsC‡C—PeCfPIP°PSC— P·PjC—PSPp C‡P°CfC,PsC,Pp P·P»PsCfPeC—CfPSPpC...
 PSPsPIPsCfC,PIPsCHfPmPSCp PpPsCHfC—PIPsCfPSPs P· PpPsPeP°P·PSPpPeP°PjPp P·P° CHfC—Pe.
 PpC—CfP»Cf PpPmCHfPmCfP°PrPePp PpPmC‡C—PSPpPp P·P° C...PIPsCHfPpPjPp
 CfPpPsCfC,PmCHfC—PpP°P»Pp PSPm PjPmPSCpPm 1 CHfPsPeCf, P°P»Pm PjPmPSCpPm 3 CHfPsPeC—PI.

P†PSC,,PmPeC†C—

PJ PICfC—C... PpP°C†C—C”PSC,C-PI, CfPeC— PsC,CHfPpPjCfPIP°P»Pp P»C—PeCfPIP°PSPSCf
 C-PjCfPSPsCfCfPfcHfPmCfP°PSC,P°PjPp, Pfc-PrPIPpC%oPmPSPpPn CHfPpP·PpPe
 P±P°PeC,PmCHfC—P°P»CHfPSPpC..., PIC—CHfCfCfPSPpC... C,P° PpCHfPpP±PePsPIPpC...
 C—PSC,,PmPeC†C—Pn (PrPmCfPeC— P· PSPpC... PjPsP¶CfC,CpH PpCHfPpP·PIPmCfC,Pp PrPs
 P»PmC,P°P»CHfPSPsPiPs PSP°CfP»C—PrPeCf), Cf C,PsPjCf C‡PpCfP»C—
 CfPpCHfPpC‡PpPSPmPSPpC... P·P±CfPrPSPpPeP°PjPp PsPpPsCHfC,CfPSC—CfC,PpC‡PSPpC...
 C—PSC,,PmPeC†C—Pn, P° C,P°PePsP¶ CHfPmP°PeC,PpPIP°C†C— P»P°C,PmPSC,PSPsC—
 PIC—CHfCfCfPSPsC— C—PSC,,PmPeC†C—C—. PpPmPn CHfPpP·PpPe P·CHfPsCfC,P°C” P·C—
 P·P±C—P»CHfCpPmPSPSCfPj P·P°PpP°P»CHfPSPsPiPs C—PjCfPSPsCfCfPfcHfPmCfPpPpIPSPsPiPs
 PSP°PIP°PSC,P°P¶PmPSPSCf (PrPpPI. CHfPsP·PrC—P» B«PhCfPsP±P»PpPIPsCfC,C-
 P·P°CfC,PsCfCfPIP°PSPSCfB»). PpP°PnP±C—P»CHfCp CfPmCHfPnPsP·PSPpPjPp
 C—PSC,,PmPeC†C—CfPjPp P±CfP»Pp CfPmPpCfPpCf, PpPmCHfPpC,PsPSC—C,, PjPmPSC—PSPpC—C,,
 PmPSPPrPsPeP°CHfPrPpC,, C,CfP±PmCHfPeCfP»CHfPsP· C,P° P°C,PpPpPsPIP°
 PjC—PePsP±P°PeC,PmCHfC—P°P»CHfPSP° C—PSC,,PmPeC†C—Cf. PpP°PnP±C—P»CHfCp
 PpPsCpPpCHfPmPSPpPjPp PsPpPsCHfC,CfPSC—CfC,PpC‡PSPpPjPp C—PSC,,PmPeC†C—CfPjPp Cf
 PpP°C†C—C”PSC,C-PI C—P· C,CHfP°PSCfPpP°PSC,P°C,PsPj PSPpCHfPePp, CfPmCHfC†Cf C,P°
 PpPmC‡C—PSPpPp, CfPeC— PsC,CHfPpPjCfPIP°P»Pp PjC—PePsC,,PmPSPsP»P°C,Cf PjPsC,,PmC,PpP»
 (2 Pi P°P±Ps 3 Pi PSP° PrPsP±Cf) P· C—PSCpPpPjPp C—PjCfPSPsCfCfPfcHfPmCfP°PSC,P°PjPp PI
 PePsPSC,CHfPsP»CHfPsPIP°PSPpC... PeP»C—PSC—C‡PSPpC... PrPsCfP»C—PrP¶PmPSPSCfC... C,P°
 CfPePpC... CfPpPsCfC,PmCHfC—PpP°P»Pp PpCHfPsC,CfPpPsPj C%oPsPSP°PnPjPmPSCpPm 1
 CHfPsPeCf, P±CfP»Pp PeP°PSPPrPpPrPsP· CEpC—CHfPp C,P° CfP»PpP·PsPIPpC...
 PsP±PsP»PsPSPsPe, PpPpP’-PIC—CHfPmPjC—Cf/CfPpPSPPrCHfPsPj C,P° PpCHfPsCfC,PpPn
 PpPmCHfPpPmCf. PpP°CfC,PeP° PpP°C†C—C”PSC,C-PI C—P· PpPpP’-
 PIC—CHfPmPjC—C”CH/CfPpPSPPrCHfPsPjPsPj CfC,P°PSPsPIPpP»P° 13,5%. PJ PpP°C†C—C”PSC,C-PI,
 CfPeC— PsC,CHfPpPjCfPIP°P»Pp P»C—PeCfPIP°PSPSCf C—PjCfPSPsCfCfPfcHfPmCfP°PSC,P°PjPp,
 Cf C,PsPjCf C‡PpCfP»C— PjC—PePsC,,PmPSPsP»P°C,Cf PjPsC,,PmC,PpP»PsPj,
 PpPsPIC—PrPsPjP»CfP»Pp PpCHfPs PIPpPpP°PrPePp P’Pp-PIC—CHfCfCfPSPsC—
 PSPmC,,CHfPsPpP°C,C—, P° C,P°PePsP¶ PIPpPpP°PrPePp JC-PIC—CHfCfCfPSPsC—
 PpCHfPsPpCHfPmCfCfCHfC‡PsC— PjCfP»CHfC,PpC,,PsPeP°P»CHfPSPsC—
 P»PmPnPePsPmPSC†PmC,,P°P»PsPpP°C,C—C—.

P— P±PsPeCž PeCHfPsPIC— C,P° P»C—PjC,,P°C,PpC‡PSPsC— CfPpCfC,PmPjPp

PpPpC,PsPpPmPSC—C—, Cf C,PsPjCf C‡PpCfP»C— P»PmPnPePsPpPmPSC—Cf, P°PSPmPjC—Cf,
 C,CHfPsPjP±PsC†PpC,PsPpPmPSC—Cf C,P° PpP°PSC†PpC,PsPpPmPSC—Cf, C” PIC—PrPsPjPpPjPp
 CHfPpP·PpPeP°PjPp, P°CfPsC†C—PnPsPIP°PSPpPjPp C—P· P·P°CfC,PsCfCfPIP°PSPSCfPj
 PjPsC,,PmC,PpP»Cf PjC—PePsC,,PmPSPsP»P°C,Cf, C— PjPsP¶CfC,CpH PpCHfPpP·PIPpPrPpC,Pp P°P±Ps

CÍPíCĤPëCĬC, Pë PIPëPSPëPePSPµPSPSCĤ C-PSC,, PµPeC†C-PNë C, P° PeCĤPsPIPsC, PµC‡ (PrPëPI.
 CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCĬB»).
 PµPsPIC-PrPsPjP»CĬP»Pë PíCĤPs P°PíCĤP°PSCÍP»PsC†PëC, PsP· C, P°
 PSPµPNëC, CĤPsPíPµPSC-CĤ, C, PsPjCÍ CĤPµPePsPjPµPSPPrCÍC"C, CHCÍCĬ
 CĤPµPiCÍP»CĬCĤPSPëPNë PSP°PiP»CĬPPr P·P° PíP°C†C-C"PSC, P°PjPë, CĬPeC-
 PsC, CĤPëPjCÍCĤC, CH PjC-PePsC,, PµPSPsP»P°C, CÍ PjPsC,, PµC, PëP» (PrPëPI. CĤPsP·PrC-P»
 B«PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCĬB»). PkP°PrC...PsPrPëP»Pë
 PíPsPIC-PrPsPjP»PµPSPSCĬ PíCĤPs PIPëPíP°PrPePë P°PSPµPjC-C— C, P°
 PSPµPrPsCÍC, P°C, PSPsCÍC, C- PeC-CÍC, PePsPIPsPiPs PjPsP·PeCÍ CÍ PíP°C†C-C"PSC, C-PI,
 CĬPeC- PsC, CĤPëPjCÍPIP°P»Pë PjC-PePsC,, PµPSPsP»P°C, CÍ PjPsC,, PµC, PëP», PrPµCĬPeC- P·
 PIPëPíP°PrPeC-PI PjP°P»Pë P»PµC, P°P»CHPSPëPNë PSP°CÍP»C-PrPsPe.

PµPsPIC-PrPsPjP»CĬP»Pë PíCĤPs PIPëPíP°PrPePë C-CÍC, PëPSPSPsC—
 PµCĤPëC, CĤPsC†PëC, P°CĤPSPsC— P°PiP»P°P·C-C— CÍ PíP°C†C-C"PSC, C-PI, CĬPeC-
 PsC, CĤPëPjCÍPIP°P»Pë PjC-PePsC,, PµPSPsP»P°C, CÍ PjPsC,, PµC, PëP» (PrPëPI. CĤPsP·PrC-P»
 B«PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCĬB»).

PJ PíP°C†C-C"PSC, C-PI, CĬPeC- PsC, CĤPëPjCÍPIP°P»Pë PjC-PePsC,, PµPSPsP»P°C, CÍ
 PjPsC,, PµC, PëP», PíPsPIC-PrPsPjP»CĬP»PsCÍCĬ PíCĤPs PsPeCĤPµPjC- PIPëPíP°PrPePë
 PíPsCĤCÍCëPµPSPSCĬ PjPsCĤC,, PsP»PsPiC-C— PSPµPNëC, CĤPsC,, C-P»C-PI, CÍ C, PsPjCÍ
 C†PëCÍP»C- P°PSPsPjP°P»C-CĬ PµPµP»CHPiPµCĤP°BĤ"PI'CHPµC, P° (Pelger-Huet). PíC-
 P·PjC-PSPë PSPµ P°CÍPsC†C-CĤPIP°P»PëCÍCĬ P· PíPsCĤCÍCëPµPSPSCĬPj C,, CÍPSPeC†C-C—
 PSPµPNëC, CĤPsC,, C-P»C-PI C- PjPsP¶CÍC, CH CÍPIC-PrC†PëC, Pë PíCĤPs P·CÍCÍPI PIP»C-PIPs
 PíPsPeP°P·PSPëPeP° P·CĤC-P»PsCÍC, C- PSPµPNëC, CĤPsC,, C-P»C-PI PíCĤPë
 PrPsCÍP»C-PrP¶PµPSPSC- PeCĤPsPIC-, C°Ps PjPsP¶Pµ PíPsPjPëP»PePsPIPs
 CÍPíCĤPëPNëPjP°C, PëCÍCĬ CĬPe PsP·PSP°PeP° C-PSC,, PµPeC†C-C— CÍ PíP°C†C-C"PSC, C-PI P·
 C-PjCÍPSPsCÍCÍPíCĤPµCÍC-C"CĤ, PI C, PsPjCÍ C†PëCÍP»C- CÍPíCĤPëC†PëPSPµPSPsCĤ
 P·P°CÍC, PsCÍCÍPIP°PSPSCĬPj PjC-PePsC,, PµPSPsP»P°C, CÍ PjPsC,, PµC, PëP»CÍ.

P— P±PsPeCž CëP»CžPSPePsPIPs-PePëCëPePsPIPsPiPs C, CĤP°PeC, Cž

PkP°PNëCÍPµCĤPNëPsP·PSC-CëPëPjPë PíPsCĤCÍCëPµPSPSCĬPjPë P· P±PsPeCÍ
 CëP»CÍPSPePsPIPs-PePëCëPePsPIPsPiPs C, CĤP°PeC, CÍ P±CÍP»Pë CÍC, PIPsCĤPµPSPSCĬ
 PIPëCĤP°P·PePë C, P° PeCĤPsPIPsC, PµC†P°, CĬPeC- C" PIC-PrPsPjPëPjPë CĤPëP·PëPeP°PjPë,
 PíPsPI'CĬP·P°PSPëPjPë C-P· P·P°CÍC, PsCÍCÍPIP°PSPSCĬPj PjC-PePsC,, PµPSPsP»P°C, CÍ
 PjPsC,, PµC, PëP»CÍ. PµC-Pr C†P°CÍ P±P°P·PsPIPëC... PeP»C-PSC-C†PSPëC...
 PrPsCÍP»C-PrP¶PµPSCĤ P·P°P·PIPëC†P°PNë PíPsPIC-PrPsPjP»CĬP»Pë PíCĤPs PIPëCĤP°P·PePë
 CÍP»PëP·PsPIPsC— PsP±PsP»PsSPePë CĤPsC, PsPIPsC— PíPsCĤPsP¶PSPëPSPë,
 CÍC, CĤP°PIPsC...PsPrCÍ, CëP»CÍPSPeP°, PrPIP°PSP°PrC†CĬC, PëPíP°P»PsC— PePëCëPePë C, P°
 PePëCëPµC†PSPëPeCÍ, C†P°CÍC, Ps CÍCÍPeP»P°PrPSPµPSC- PeCĤPsPIPsC, PµC†PµCĤ, a
 C, P°PePsP¶ PiPµPjP°C, PµPjPµP·PëCÍPsPj, PjPµP»PµPSPsCĤ C, P° PiPµPjPsCĤP°PiC-C†PSPëPjPë
 C,, PsCĤPjP°PjPë PíP°CÍC, CĤPëC, CÍ C, P° PePsP»C-C, CÍ. PhPrPSP°Pe PSP°PNëP±C-P»CHCë
 PíPsCëPëCĤPµPSPëPjPë PíPsCĤCÍCëPµPSPSCĬPjPë P· P±PsPeCÍ CëP»CÍPSPePsPIPs-
 PePëCëPePsPIPsPiPs C, CĤP°PeC, CÍ P±CÍP»Pë PrC-P°CĤPµCĬ, PSCÍPrPsC, P° C, P°
 P±P»CĤPIP°PSPSCĬ. PµCĤPë PµPSPPrPsCÍPePsPiC-C†PSPsPjCÍ PsP±CÍC, PµP¶PµPSPSC-
 PíP°C†C-C"PSC, C-PI C-P· PrC-P°CĤPµC"CĤ, PíPsPI'CĬP·P°PSPsCĤ C-P·
 P·P°CÍC, PsCÍCÍPIP°PSPSCĬPj PjC-PePsC,, PµPSPsP»P°C, CÍ PjPsC,, PµC, PëP»CÍ, P±CÍP»Pë
 PIPëCĬPIP»PµPSC- PsPeCĤPµPjC- PIPëPíP°PrPePë P°C, CĤPsC,, C-C— PePëCëPePsPIPëC...
 PIPsCĤCÍPëPSPsPe (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC, C-
 P·P°CÍC, PsCÍCÍPIP°PSPSCĬB»).

P"C-PíPµCĤC†CžC, P»PëPIC-CÍC, CH

P_μPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs C_μP_μP°PeC†C-C— PiC-PiP_μC_μC†C†C,P»PëPIPsC†C,C-,
PIPeP»C_μC†P°C_μC†Pë P°PSPiC-PsPSP_μPIC_μPsC,PëC†PSPëPN_μ PSP°P±C_μC_μPe C,P°
P°PSP°C,,C-P»P°PeC,PëC†PSC- C_μP_μP°PeC†C-C—.

P'P°PiC-C,PSC-C†C,C_μB, PiC-C†P»C_μPiPsP»PsPiPsPIC- C,P° PiP_μC_μPëPSP°C,P°P»C_μBPSC-
C†C,P°PSPë

P'PëPiP°PrPePë C†PiPsPSC,P°PSPSPëC... P°P±PsC_μC,C-PI C†PiPsC†C,P_μC_μC-PiP°P»PëC†C_μ C†
PiP°C†C-C"°PSC,P_μPe, C_μPeC- PsC,C_μPëPjC†PIP°P»Pë PjC-PePsC,,P_μPSPsP»P°C,C†
PjPsC,,P_μC,PëP», PiP_μC_μP_μPIP°P¶PSPs C† I C,C_μPëPjP_μC†C,C_μC- (PrPëPI. C_μPsP·PrC-P»
B«P—P°C†C,P_μC†C†PIP°PSPSC_μ C† PiP_μC_μC-PsPr PIP°PiC-C,PSPsC†C,C- P°P±Ps
PiPsPrC†PIP°PSPSC_μ PiC_μC†PrPrC_μB»).

P'C_μPsPrP¶P_μPSC- P·P°C...PIPsC_μC_μPIP°PSPSC_μ

P_μC-Pr C†P°C† PiC-C†P»C_μC_μP_μC"°C†C,C_μP°C†C-PN_μPSPsPiPs P·P°C†C,P_μC†C†PIP°PSPSC_μ
C†PiPsC†C,P_μC_μC-PiP°P»PëC†C_μ PIC_μPsPrP¶P_μPSC- PIP°PrPë C_μPsP·PIPëC,PeC† C†
PrC-C,P_μPN_μ, PjP°C,P_μC_μC- C_μPePëC... C† PiP_μC_μC-PsPr PIP°PiC-C,PSPsC†C,C-
PsC,C_μPëPjC†PIP°P»Pë PjC-PePsC,,P_μPSPsP»P°C,C† PjPsC,,P_μC,PëP» C† PePsPjP±C-PSP°C†C-C—
P· C-PSC€PëPjPë C-PjC†PSPsC†C†PiC_μP_μC†P°PSC,P°PjPë (PrPëPI. C_μPsP·PrC-P»
B«P—P°C†C,P_μC†C†PIP°PSPSC_μ C† PiP_μC_μC-PsPr PIP°PiC-C,PSPsC†C,C- P°P±Ps
PiPsPrC†PIP°PSPSC_μ PiC_μC†PrPrC_μB»).

P— P±PsPeCž PrPëC...P°P»C_μBPSPsC— C†PëC†C,P_μPjPë, PsC_μPiP°PSC-PI PiC_μCžPrPSPsC—
PeP»C-C,PePë C,P° C†P_μC_μP_μPrPsC†C,C-PSPSC_μ

P_μPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs PsPeC_μP_μPjC- PIPëPiP°PrPePë
C-PSC,P_μC_μC†C,PëC†C-P°P»C_μBPSPsPiPs P·P°C...PIPsC_μC_μPIP°PSPSC_μ P»P_μPiP_μPSC-PI C-
C,,C-P±C_μPsP·C† P»P_μPiP_μPSC-PI, PrP_μC_μPeC- P· P»P_μC,P°P»C_μBPSPëPj PSP°C†P»C-PrPePsPj,
C† PiP°C†C-C"°PSC,C-PI, C_μPeC- PsC,C_μPëPjC†PIP°P»Pë PjC-PePsC,,P_μPSPsP»P°C,C†
PjPsC,,P_μC,PëP» C† PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë
C-PjC†PSPsC†C†PiC_μP_μC†P°PSC,P°PjPë. PýP°PePsP¶ PiPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs
P±C_μPsPSC...PsP_μPeC,P°P·Pë C† PrC-C,P_μPN_μ C- PrPsC_μPsC†P»PëC....

P— P±PsPeCž C-PjCžPSPSPsC— C†PëC†C,P_μPjPë

Pj PiP°C†C-C"°PSC,C-PI, C_μPeC- PsC,C_μPëPjC†PIP°P»Pë PjC-PePsC,,P_μPSPsP»P°C,C†
PjPsC,,P_μC,PëP» C† PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë
C-PjC†PSPsC†C†PiC_μP_μC†P°PSC,P°PjPë, PiPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs
PiC-PiPsPiP°PjPjP°PiP»PsP±C†P»C-PSP_μPjC-C_μ.

P—P°PiP°P»C_μBPSC- PiPsC_μCžC€P_μPSPSC_μ C,P° C†C,P°PSPë Cž PjC-C†C†C- PIPiP_μPrP_μPSPSC_μ

Pj P±P°P·PsPIPëC... PrPsC†P»C-PrP¶P_μPSPSC_μC... PrC†P¶P_μ C†P°C†C,P_μ
PiPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs PSP°P±C_μC_μPePë, C† C,P_μPjC† C†PëC†P»C-
PiP_μC_μPëC,,P_μC_μPëC†PSC-, PsP±P»PëC†C†C_μ C,P° PjPsC€PsPSPëPë. PýP°PePsP¶ PrC†P¶P_μ
C†P°C†C,P_μ PiPsPIC-PrPsPjP»C_μP»Pë P_iC_μPs Pj'C_μP·PsPIPs-C†PeP_μP»P_μC,PSPëPN_μ P±C-P»C_μB,
C,P°PePëPN_μ C_μPe PjC-P°P»PiC-C_μ, a C,P°PePsP¶ P±C-P»C_μB C† C€PëC— C,P° C†PiPëPSC-.

P"°PsC†C,C_μPëPN_μ P·P°PiP°P»C_μBPSPëPN_μ C†PëPSP_μC_μPsPj, P°C†PsC†C-PN_μPsPIP°PSPëPN_μ P·
C-PSPiC-P±C-C,P_μC_μP°PjPë C†PëPSC,P_μP·C† PiC†C_μPëPSC-PI *de novo*, PsPiPëC†P°PSPëPN_μ C-P·
PiC-C†P»C_μC_μP_μC"°C†C,C_μP°C†C-PN_μPSPsPiPs PrPsC†PIC-PrC† C_μPe
PiP°C_μP°PrPsPeC†P°P»C_μBPSP° PiC_μPsP·P°PiP°P»C_μBPSP° C_μP_μP°PeC†C-C_μ, PiPsPi'C_μP·P°PSP°

P·PjC-PePsC,,PμPSPsP»P°C,Cr PjPsC,,PμC,PëP»PsPj C,P° PjC-PePsC,,PμPSPsP»PsPIPsCñ
 PePëCfP»PsC,PsCñ, C%Ps C...P°CñP°PeC,PμCñPëP·CrC"C,CñCfCñ PiP°CñCñC†PePsCñ,
 P°CñC,CñP°P»PiC-C"Cñ, P°CñC,CñPëC,PsPj, P±PsP»PμPj Cr Pj'CñP·P°C... C,P°
 PñC-PrPIPeC%PμPSPëPjPë P·P°PiP°P»CñPSPëPjPë PjP°CñPePμCñP°PjPë.
 PμPsPIC-PrPsPjP»PμPSPSCñ C%PsPrPs C,P°PePëC... PIPëPiP°PrPeC-PI CñPIC-PrC†P°C,Cñ
 PñCñPs CëPIPePrPePμ PñPsP»C-PñCëPμPSPSCñ CñC,P°PSCr PñC-CñP»Cñ
 PñCñPëPiPëPSPμPSPSCñ PñCñPëPNëPsPjCr P»C-PeP°CñCñCñPePsPiPs P·P°CñPsP±Cr.

PñCñPsP±P»PëPIC- PñCñCñPiPë PiP°C†C-C"PSC,C-PI

P"C-C,Pë

P'C-PrPsPjPs, C%Ps C,PëPi C- C†P°CñC,PsC,P° PñPsP±C-C†PSPëC... CñPμP°PeC†C-PNë Cr
 PrC-C,PμPNë PIC-PePsPj PIC-Pr 2 PrPs 18 CñPsPeC-PI, CñPeC- PsC,CñPëPjCrPIP°P»Pë
 PjC-PePsC,,PμPSPsP»P°C,Cr PjPsC,,PμC,PëP» Cr PrPsP·C- 600 PjPi/Pj² PñPμCñPsCñP°P»CñPSPs 2
 CñP°P·Pë PSP° PrPsP±Cr, P·P°PiP°P»PsPj P±CrP»Pë PñPsPrC-P±PSPëPjPë PrPs C,PëC..., C%Ps
 CñPiPsCñC,PμCñC-PiP°P»PëCñCñ Cr PrPsCñPsCñP»PëC..., CñPeC- P·P°CñC,PsCñPsPICrPIP°P»Pë
 PjC-PePsC,,PμPSPsP»P°C,Cr PjPsC,,PμC,PëP» 1 Pi 2 CñP°P·Pë PSP° PrPsP±Cr. Pj PrC-C,PμPNë,
 P·PsPeCñPμPjP° PIC-PePsPj PrPs 6 CñPsPeC-PI, C†P°CñC,C-CëPμ
 CñPiPsCñC,PμCñC-PiP°CñC,Cñ C,P°PeC- PñPsP±C-C†PSC- CñPIPeC%P°, PñPsPI'CñP·P°PSC- P·
 P»C-PeC†PIP°PSPSCñPj: PrC-P°CñPμCñ, CñPμPiCñPëCñ, P»PμPNëPePsPiPμPSC-Cñ,
 P°PSPμPjC-Cñ C,P° C-PSC,,PμPeC†C-C—.

PμP°C†C-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCñ

Pj PiP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCñ (≥65 CñPsPeC-PI) Cr C†C-P»PsPjCr
 PjPsPñPμ P±CrC,Pë PiC-PrPIPeC%PμPSPëPNë CñPëP·PëPe PñPsP±C-C†PSPëC... CñPμP°PeC†C-PNë
 Cr P·PI'CñP·PeC† P· C-PjCrPSPsCñCñPiCñPμCñC-C"Cñ. Pj PiP°C†C-C"PSC,C-PI
 P»C-C,PSCHPsPiPs PIC-PeCñ PñCñPë P»C-PeC†PIP°PSPSC- PjC-PePsC,,PμPSPsP»P°C,Cr
 PjPsC,,PμC,PëP»PsPj Cr CñP°PjPeP°C... PePsPjP±C-PSPsPIP°PSPsC— C,PμCñP°PiC-C—
 CñPëP·PëPe CñPsP·PIPeC,PeC† PrPμCñPePëC... C-PSC,,PμPeC†C-PNë (PIPeP»CñC†P°CñC†Pë
 C,PeP°PSPëPSPSC- C-PSPIP°P·PëPIPSC- C,,PsCñPjPë C†PëC,PsPjPμPiP°P»PsPIC-CñCrCñPSPsC—
 C-PSC,,PμPeC†C-C—), P° C,P°PePsPñ CëP»CrPSPePsPIPs-PePëCëPePsPIPeC... PeCñPsPIPsC,PμC†
 C- PSP°P±CñCñPeC† P»PμPiPμPSCH P·P°PiP°P»PsPj PIPëC%PëPNë, PSC-Pñ Cr
 PiP°C†C-C"PSC,C-PI PjPsP»PsPrCëPsPiPs PIC-PeCñ.

PñPμCñPjC-PS PñCñPëPrP°C,PSPsCñC,C-. 3 CñPsPePë.

PjPjPsPIPe P·P±PμCñC-PiP°PSPSCñ.

P»C-PeP°CñCñCñPePëPNë P·P°CñC-P± PSPμ PñPsC,CñPμP±CrC" CñPiPμC†C-P°P»CñPSPëC...
 CrPjPsPi P·P±PμCñC-PiP°PSPSCñ. P—P±PμCñC-PiP°C,Pë Cr PSPμPrPsCñC,CñPiPSPsPjCr PrP»Cñ
 PrC-C,PμPNë PjC-CñC†C—.

PjPiP°PePsPIPeP°.

PμPs 10 PeP°PiCñCrP» Cr P±P»C-CñC,PμCñC-, PñPs 3 P°P±Ps 10 P±P»C-CñC,PμCñC-PI Cr

PePsCḡPsP±C†C-.

РљР°С,РµРіРѕСḡС-СЦ РІС-РгРіСѓСѓРёСѓ. Р—Р° СḡРµС†РµРіС,РѕРј.

Р'РёСḡРѕР±РѕРё.

РђРё РѝР°СḡРјР°С†РµРІС,РёСѓРѕРёР№ Р·Р°РІРѕРіР РёРµРІР°.

РњС-СѓС†РµР·РѕР·Р°С...РѕРіРµРµРµРѕР°СḡРіРёСḡРѕР±РёР°С Р,Р° Р°РіСḡРµСѓР°С РјС-СѓС†СЦ РіСḡРѕРІР°РіРµРµРµРіРі Р№РѕРіРі РгС-СЦР»СњРѕРѕСѓС,С-.

Р"С-Р»СњРѕРёС†СЦ 1; Рќ-4042 Р"РµР±СḡРµС†РµРѕ, РІСѓР». РѝР°Р»Р»Р°Рі- 13, РјРіРіСḡРёРѕРё.