

P†PǵPŸPŸP PJPŁP|P†Pİ

**P†P»Cİ PjPµP†PëC‡PSPsPiPs P·P°CÍC,PsCÍC†PIP°PSPSCİ
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C†**

P•PIPSP»P°PSP·P°

(EGOLANZA^{B®})

PŸPeP»P°P†:

*PrC-CĤC‡P° CĤPµC‡PsPIPëPSP°: 1 C,P°P±P»PµC,PeP°, PIPeCĤPëC,P° PİP»C-PIPePsPIPsCĤ
PsP±PsP»PsPSPePsCĤ, PjC-CÍC,PëC,CH 5 PjPi P°P±Ps 10 PjPi, P°P±Ps 15 PjPi, P°P±Ps 20 PjPi
PsP»P°PSP·P°PİC-PSC† (C‰Ps PµPePIC-PIP°P»PµPSC,PSPs 7,03 PjPi P°P±Ps 14,06 PjPi, P°P±Ps
21,09 PjPi, P°P±Ps 28,12 PjPi PsP»P°PSP·P°PİC-PSC† PrPëPiC-PrCĤPsC...P»PsCĤPëPrC†
C,CĤPëPiC-PrCĤP°C,C† PIC-PrPİPsPIC-PrPSPs);*

*PrPsPİPsPjC-PİPSC- CĤPµC‡PsPIPëPSPë: C†PµP»CĤP»PsP·P°
PjC-PeCĤPsPeCĤPëCÍC,P°P»C-C‡PSP°, P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCĤP°C,,
PiC-PİCĤPsP»PsP·P° (PiC-PrCĤPsPeCÍPëPİCĤPsPİC-P»C†PµP»CĤP»PsP·P°),
PeCĤPsCÍPİPsPIC-PrPsPS, PjP°PiPSC-CĤ CÍC,PµP°CĤP°C,;*

*CÍPeP»P°P† PsP±PsP»PsPSPePë: Pspadry Y-1-7000 P±C-P»PëPNë (PiC-PİCĤPsPjPµP»PsP·P°,
C,PëC,P°PSC† PrC-PsPeCÍPëPr (P• 171), PjP°PeCĤPsPiPsP» 400), PiC-PİCĤPsPjPµP»PsP·P°,
C...C-PSPsP»C-PSPsPIPëPNë PİPsPIC,PëPNë (P• 104).*

P»C-PeP°CĤCÍCHPeP° C,,PsCĤPjP°. PŸP°P±P»PµC,PePë, PIPeCĤPëC,C- PİP»C-PIPePsPIPsCĤ
PsP±PsP»PsPSPePsCĤ.

PhCÍPSPsPIPS- C,,C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-:

*5 PjPi: PİPsPIC,PsPiPs PePsP»CHPsCĤC†, PİCĤPsPrPsPİPiC†PIP°C,C-, PrPIPsPsPİC†PeP»C-
C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PİP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P±PµP· P°P±Ps
PjP°PNëPİPµ P±PµP· P·P°PİP°C...C†, P· CĤPëCÍPePsCĤ P· PsPrPSPsPiPs P±PsPeC†, P·
PiCĤP°PIC-CĤC†PIP°PSPSCİPj CÍC,PëP»C-P·PsPIP°PSPsC— P»C-C,PµCĤPë B«P·B» C,P°
C†PëC,,CĤPsCĤ B«402B» P· C-PSC€PsPiPs P±PsPeC†;*

*10 PjPi: PİPsPIC,PsPiPs PePsP»CHPsCĤC†, PeCĤC†PiP»C-, PrPIPsPsPİC†PeP»C-
C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PİP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P±PµP· P°P±Ps
PjP°PNëPİPµ P±PµP· P·P°PİP°C...C†, P· PiCĤP°PIC-CĤC†PIP°PSPSCİPj
CÍC,PëP»C-P·PsPIP°PSPsC— P»C-C,PµCĤPë B«P·B» C,P° C†PëC,,CĤPsCĤ B«404B» P·
PsPrPSPsPiPs P±PsPeC†;*

*15 PjPi: PİPsPIC,PsPiPs PePsP»CHPsCĤC†, PeCĤC†PiP»C-, PrPIPsPsPİC†PeP»C-
C,P°P±P»PµC,PePë, PIPeCĤPëC,C- PİP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, P±PµP· P°P±Ps
PjP°PNëPİPµ P±PµP· P·P°PİP°C...C†, P· PiCĤP°PIC-CĤC†PIP°PSPSCİPj
CÍC,PëP»C-P·PsPIP°PSPsC— P»C-C,PµCĤPë B«P·B» C,P° C†PëC,,CĤPsCĤ B«405B» P·*

PsPrPSPsPiPs P±PsPeCr;

20 PjPi: P¶PsPIC,PsPiPs PePsP»CHbPsC¶Cr, PeC¶CrPiP»C-, PrPIPsPsPiCrPeP»C-
C,P°P±P»PµC,PePë, PIPeC¶PëC,C- PiP»C-PIPePsPIPsC¶ PsP±PsP»PsPSPePsC¶, P·
PiC¶P°PIC-C¶CrPIP°PSPSC¶¶ C¶C,PëP»C-P·PsPIP°PSPsC— P»C-C,PµC¶Pë B«P•B» C,P°
C†PëC,,C¶PsC¶ B«406B» P· PsPrPSPsPiPs P±PsPeCr.

PαP°C¶PjP°PePsC,PµC¶P°PiPµPIC,PëC†PSP° PiC¶CrPiP°. PhPSC,PëPiC¶PëC...PsC,PëC†PSC-
P·P°C¶PsP±Pë. PµPsPr PhP¶P¶ N05A H03.

PαP°C¶PjP°PePsP»PsPiC-C†PSC- PIP»P°C¶C,PëPIPsC¶C,C-.

PαP°C¶PjP°PePsPrPëPSP°PjC-PeP°.

PhP»P°PSP·P°PiC-PS C" P°PSC,PëPiC¶PëC...PsC,PëC†PSPëPj,
P°PSC,PëPjP°PSC-P°PeP°P»CHbPSPëPj P»C-PeP°C¶C¶CHbPePëPj P·P°C¶PsP±PsPj,
C¶C,P°P±C-P»C-P·C¶C" PSP°C¶C,C¶C-PNë, C-P· CëPëC¶PsPePëPj C¶PiPµPeC,C¶PsPj
C,,P°C¶PjP°PePsP»PsPiC-C†PSPsC— PrC-C—, P·C¶PjPsPIP»PµPSPëPj PIPiP»PëPIPsPj PSP°
C¶C-P·PSC- C¶PµC†PµPiC,PsC¶Pë.

Pj PrPsPeP»C-PSC-C†PSPëC... PrPsC¶P»C-PrP¶PµPSPSC¶C... PIPëC¶PIP»PµPSP°
C¶PiPsC¶C-PrPSPµPSC-C¶C,CH PsP»P°PSP·P·PiC-PSCr P· PrPµC¶PePëPjPë
C¶PµC†PµPiC,PsC¶P°PjPë (Ki; <100 nM) B¶" C¶PµC¶PsC,PsPSC-PSCr 5P¶P¶_{2Ph/2P¶}, 5-P¶P¶₃, 5-
P¶P¶₆; PrPsPiP°PjC-PSCr D₁, D₂, D₃, D₄, D₅; C...PsP»C-PSPµC¶PiC-C†PSPëPjPë
PjC¶C¶PeP°C¶PëPSPsPIPëPjPë C¶PµC†PµPiC,PsC¶P°PjPë P¶1-P¶5;
P°PrC¶PµPSPµC¶PiC-C†PSPëPj C¶PµC†PµPiC,PsC¶PsPj α₁ C,P° PiC-C¶C,P°PjC-PSPsPIPëPj
C¶PµC†PµPiC,PsC¶PsPj P¶₁.

Pj PiC¶PsC†PµC¶C- PrPsC¶P»C-PrP¶PµPSC¶ PiPsPIPµPrC-PSPePë C,PIP°C¶PëPS, C¶PePëPj
PIPIPsPrPëP»Pë PsP»P°PSP·P°PiC-PS, PIPëC¶PIP»PµPSPs P°PSC,P°PiPsPSC-P·Pj
PsP»P°PSP·P°PiC-PSCr C¶Pe PrPs C¶PµC¶PsC,PsPSC-PSPsPIPëC... C¶PµC†PµPiC,PsC¶C-PI
5P¶P¶, C,P°Pe C- PrPs PrPsPiP°PjC-PSPsPIPëC... C- C...PsP»C-PSPµC¶PiC-C†PSPëC...
C¶PµC†PµPiC,PsC¶C-PI. PhP»P°PSP·P°PiC-PS PjP°C" PIPëC%PëPNë C¶C-PIPµPSC¶
P·PiB¶™ C¶P·C¶PIP°PSPSC¶ P· C¶PµC†PµPiC,PsC¶P°PjPë C¶PµC¶PsC,PsPSC-PSCr 5P¶P¶₂,
PSC-P¶ P· C¶PµC†PµPiC,PsC¶P°PjPë PrPsPiP°PjC-PSCr D₂, Cr PjPsPrPµP»C¶C... C¶Pe *in vitro*,
C,P°Pe C- *in vivo*. P•P»PµPeC,C¶PsC,,C-P·C-PsP»PsPiC-C†PSC- PrPsC¶P»C-PrP¶PµPSPSC¶
PiPsPeP°P·P°P»Pë, C%Ps PsP»P°PSP·P°PiC-PS C¶PµP»PµPeC,PëPIPsPs P·PjPµPSC€CrC"
P·P±C¶PrP»PëPIC-C¶C,CH PjPµP·PsP»C-PjP±C-C†PSPëC... (P¶10)
PrPsPiP°PjC-PSPµC¶PiC-C†PSPëC... PSPµPNëC¶PsPSC-PI, PIPëC¶PIP»C¶C¶Pë PiC¶Pë
C†CHbPsPjCr PSPµP·PSP°C†PSPëPNë PIPiP»PëPI PSP° C¶C,C¶C-P°C¶PSC- (P¶9) CëP»C¶C...Pë,
PiPsPiB¶™ C¶P·P°PSC- P· PjPsC,PsC¶PSPsC¶ C,,C¶PSPeC†C-C"¶. PhP»P°PSP·P°PiC-PS
PiP°P»CHbPjCrC" C¶PjPsPIPsPëPNë C¶PµC,,P»PµPeC¶ C¶PSPëPePSPµPSPSC¶, C%Ps
C¶PIC-PrC†PëC,CH PiC¶Ps PNëPsPiPs P°PSC,PëPiC¶PëC...PsC,PëC†PSCr P°PeC,PëPIPsC-C¶C,CH
PiC¶Pë PiC¶PëPNëPsPjC- PI PrPsP·P°C..., PjPµPSC€PëC..., PSC-P¶ PrPsP·Pë, C%Ps
C¶PiC¶PëC†PëPSC¶C¶C,CH PeP°C,P°P»PµPiC¶C-¶, C¶PeP° C" PsP·PSP°PePsC¶
PiPsP±C-C†PSPëC... PjPsC,PsC¶PSPëC... PµC,,PµPeC,C-PI. P¶P° PIC-PrPjC-PSCr PIC-Pr
PrPµC¶PePëC... C-PSC€PëC... P°PSC,PëPiC¶PëC...PsC,PëC†PSPëC... P»C-PeP°C¶C¶CHbPePëC...
P·P°C¶PsP±C-PI, PsP»P°PSP·P°PiC-PS PiPsC¶PëP»C¶C" C¶PµP°PeC†C-C— PSP°

PiPsPrCḡP°P·PSPëPePë PiCḡPë PiCḡPsPIPμPrPμPSPSC- P°PSPeCḡC-PsP»C-C,PëC‡PSPsPiPs
C,PμCḡC,Cḡ.

PμCḡPë PsPrPSPsCḡP°P·PsPIPsPjCḡ PiPμCḡPsCḡP°P»CHbPSPsPjCḡ PiCḡPëPNëPsPjC- 10 PjPi
PsP»P°PSP·P°PiC-PSCḡ Cḡ PiCḡPsC‡PμCḡC- PiPsP·PëC,CḡPsPSPSPs-PμPjC-CḡC-PNëPSPsC—
C,PsPjPsPiCḡP°C,,C-C— (PμP·Pḡ) P·P° CḡC‡P°CḡC,C- P·PrPsCḡPsPIPëC...
PrPsP±CḡPsPIPsP»CHbC‡C-PI P·bḡ™ CḡCḡPsPIP°PSPs, C%Ps PsP»P°PSP·P°PiC-PS PjP°PI
P±C-P»CHbCëPëPNë CḡC-PIPμPSCḡ P·PIbḡ™ CḡP·CḡPIP°PSPSCḡ P· CḡPμC‡PμPiC,PsCḡP°PjPë
5PḡPḡ_{2ph}, PSC-Pḡ P· PrPsPiP°PjC-PSPsPIPëPjPë CḡPμC‡PμPiC,PsCḡP°PjPë D₂. PḡCḡC-Pj C,PsPiPs,
Cḡ CḡPμP·CḡP»CHbC,P°C,C- P°PSP°P»C-P·Cḡ P·PsP±CḡP°PḡPμPSCḡ, PsC,CḡPëPjP°PSPëC...
PiC-Pr C‡P°Cḡ PrPsCḡP»C-PrPḡPμPSCḡ PiP°C‡C-C”PSC,C-PI, C...PIPsCḡPëC... PSP°
CëPëP·PsC,,CḡPμPSC-Cḡ, PjPμC,PsPrPsPj PsPrPSPsC,,PsC,PsPSPSPsC— PμPjC-CḡC-PNëPSPsC—
PePsPjPiPḡ™ CḡC,PμCḡPSPsC— C,PsPjPsPiCḡP°C,,C-C— (PhPαP·PḡPḡ),
P·bḡ™ CḡCḡCḡPIP°P»PsCḡCḡ, C%Ps C‡CḡC,P»PëPIC- PrPs PsP»P°PSP·P°PiC-PSCḡ
PiP°C‡C-C”PSC,Pë PIPëCḡPIP»CḡP»Pë PjPμPSCëPëPNë CḡC-PIPμPSCḡ
P·PIbḡ™ CḡP·CḡPIP°PSPSCḡ P·C- CḡC,CḡC-P°CḡPSPëPjPë D₂-CḡPμC‡PμPiC,PsCḡP°PjPë, PSC-Pḡ
C-PSCëC- P°PSC,PëPiCḡPëC...PsC,PëC‡PSC- C,P° CḡPëCḡPiPμCḡPëPrPsPSC‡CḡC,P»PëPIC-
PiP°C‡C-C”PSC,Pë PiPsCḡC-PIPSCḡPSPs P· PeP»PsP·P°PiC-PSC‡CḡC,P»PëPIPëPjPë
PiP°C‡C-C”PSC,P°PjPë.

PḡP»C-PSC-C‡PSP° PμC,,PμPeC,PëPIPSC-CḡC,CHb

PμC-Pr C‡P°Cḡ PrPIPsC... C-P· PrPIPsC... PiP»P°C‡PμP±Ps-PePsPSC,CḡPsP»CHbPsPIP°PSPëC... C-
PrPIPsC... C-P· C,CḡCHbPsC... PiPsCḡC-PIPSCḡP»CHbPSPs-PePsPSC,CḡPsP»CHbPsPIP°PSPëC...
PrPsCḡP»C-PrPḡPμPSCḡ P·P° CḡC‡P°CḡC,C- PiPsPSP°Pr 2900 C...PIPsCḡPëC... PSP°
CëPëP·PsC,,CḡPμPSC-Cḡ P· PiPsP·PëC,PëPIPSPëPjPë C- PSPμPiP°C,PëPIPSPëPjPë
CḡPëPjPiC,PsPjP°PjPë PsP»P°PSP·P°PiC-PS PiPsPeP°P·P°PI CḡC,P°C,PëCḡC,PëC‡PSPs
PrPsCḡC,PsPIC-CḡPSC- PrP°PSC- PiPsP»C-PiCëPμPSPSCḡ CḡPe PSPμPiP°C,PëPIPSPëC..., C,P°Pe
C- PiPsP·PëC,PëPIPSPëC... CḡPëPjPiC,PsPjC-PI.

Pj PiCḡPsC‡PμCḡC- PjC-PḡPSP°CḡPsPrPSPëC... PiPsPrPIC-PNëPSPëC... CḡP»C-PiPëC...
PiPsCḡC-PIPSCḡP»CHbPSPëC... PrPsCḡP»C-PrPḡPμPSCḡ P·P° CḡC‡P°CḡC,Cḡ 1481
C...PIPsCḡPëC... PSP° CëPëP·PsC,,CḡPμPSC-Cḡ, CëPëP·PsP°C,,PμPeC,PëPIPSC-CḡC,CHb C,P° P·
P°CḡPsC‡C-PNëPsPIP°PSPëPjPë P· C‡PëPjPë C...PIPsCḡPsP±P°PjPë CḡPsP·P»P°PrP°PjPë P·
CḡC-P·PSPëPj CḡC,CḡPiPμPSPμPj PiPsCḡCḡCëPμPSCḡ, C%Ps PiPsPiPḡ™ CḡP·P°PSC- P·
PrPμPiCḡPμCḡPëPIPSPëPjPë CḡPëPjPiC,PsPjP°PjPë (16,6 PiCḡPSPeC,P° P·P° CëPeP°P»PsCḡ
PḡPsPSC,PiPsPjPμCḡC--PḡCḡP±PμCḡPiP° PrP»Cḡ PsC‡C-PSPePë PrPμPiCḡPμCḡC-C—),
PiCḡPsCḡPiPμPeC,PëPIPSPμ PIC,PsCḡPëPSPSPμ PrPsCḡP»C-PrPḡPμPSPSCḡ PIC-Pr
PiPsC‡P°C,PeCḡ PrPs PeC-PSC‡Cḡ PsC‡C-PSPePë P·PjC-PS PSP°CḡC,CḡPsCḡ
PICḡC,P°PSPsPIPëP»Ps CḡC,P°C,PëCḡC,PëC‡PSPs P·PSP°C‡CḡC%Pμ PiPsPeCḡP°C%PμPSPSCḡ
(Cḡ = 0,001) PiC-CḡP»Cḡ P»C-PeCḡPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSPsPj (-6,0)
PiPsCḡC-PIPSCḡPSPs P· C,P°PePëPj PiCḡPë P»C-PeCḡPIP°PSPSC- PiP°P»PsPiPμCḡPëPrPsP»PsPj
(-3,1).

Pj PiP°C‡C-C”PSC,C-PI P· PjP°PSC-P°PeP°P»CHbPSPëPjPë P°P±Ps P·PjC-CëP°PSPëPjPë
PμPiC-P·PsPrP°PjPë PiCḡPë P±C-PiPsP»CḡCḡPSPsPjCḡ CḡPsP·P»P°PrC- PsP»P°PSP·P°PiC-PS
PiCḡPsPrPμPjPsPSCḡC,CḡCḡPIP°PI PIPëCḡPsPeCḡ PμC,,PμPeC,PëPIPSC-CḡC,CHb Cḡ
P·PSPëPḡPμPSPSC- PjP°PSC-P°PeP°P»CHbPSPëC... CḡPëPjPiC,PsPjC-PI PiCḡPsC,CḡPiPsPj 3
C,PëPḡPSC-PI PiPsCḡC-PIPSCḡPSPs P· PiP»P°C‡PμP±Ps C,P° PIP°P»CHbPiCḡPsP°C,PsPj
PSP°C,CḡC-Cḡ (PrPëPIP°P»PiCḡPsPμPeCḡ). PhP»P°PSP·P°PiC-PS C,P°PePsPḡ PiPsPeP°P·P°PI
PiPsCḡC-PIPSCḡPSPSCḡ PμC,,PμPeC,PëPIPSC-CḡC,CHb CḡPμP·CḡP»CHbC,P°C,C-PI P·
PiP°P»PsPiPμCḡPëPrPsP»PsPj Cḡ PiPμCḡPμCḡP°C...CḡPIP°PSPSC- PSP° C‡P°CḡC,PeCḡ

PiP°C†C-C" PSC, C-PI C-P. CíPëPjPiC, PsPjP°C, PëC†PSPsCñ CíC, P°PrC-C" Cñ CñPµPjC-CíC-C—, PiPsC†PëPSP°CñC†Pë P· PjP°PSC-C— C, P° PrPµPiCñPµCíC-C— PSP° 6 C- 12 C, PëP¶PSC¶C... P»C-PeCíPIP°PSPSC¶C. Pj PiCñPsC†PµCíC- PrPsCíP»C-PrP¶PµPSPSC¶C PiC-Pr C†P°Cí CíCíPiCíC, PSCHPsPiPs P»C-PeCíPIP°PSPSC¶C P»C-C, C-C" Pj P°P±Ps PIP°P»CHPiCñPsP°C, PsPj PiCñPsC, C¶PiPsPj 2 C, PëP¶PSC-PI P· PrPsPrP°PIP°PSPSC¶C Pj PsP»P°PSP·P°PiC-PSCí PI PrPsP·C- 10 PjPi PICíC, P°PSPsPIP»PµPSPs P·PSP°C†PSPµ P·PSPëP¶PµPSPSC¶C CíPëPjPiC, PsPjC-PI PjP°PSC-C— PiPsCñC-PIPSC¶PSPs P· C, P°PePëPj PiCñPë PjPsPSPsC, PµCñP°PiC-C— P»C-C, C-C" Pj P°P±Ps PIP°P»CHPiCñPsP°C, PsPj PiC-CíP»C¶C 6 C, PëP¶PSC-PI P»C-PeCíPIP°PSPSC¶C.

Pj PiCñPsC†PµCíC- 12-PjC-CíC¶C†PSPsPiPs PrPsCíP»C-PrP¶PµPSPSC¶C PiCñPsC,, C-P»P°PeC, PëPePë CñPµC†PëPrPëPIC-PI PjP°PSC-P°PeP°P»CHPSPëC... PµPiC-P·PsPrC-PI Cí PiP°C†C-C" PSC, C-PI, C¶PeC- PrPsCíC¶PiP»Pë CñPµPjC-CíC-C— P·P° PrPsPiPsPjPsPiPsCñ PsP»P°PSP·P°PiC-PSCí C- PI PiPsPrP°P»CHC€PsPjCí P±CíP»Pë CñP°PSPPrPsPjC-P·PsPIP°PSC- Cí PiCñCíPiPë PiCñPëPñPsPjCí PsP»P°PSP·P°PiC-PSCí P°P±Ps PiP»P°C†PµP±Ps, PsP»P°PSP·P°PiC-PS PiCñPsPrPµPjPsPSCíC, CñCíPIP°PI CíC, P°C, PëCíC, PëC†PSPs P·PSP°C†CíC%oCí PiPµCñPµPIP°PiCí PiPsCñC-PIPSC¶PSPs P· PiP»P°C†PµP±Ps PI PeC-PSC†PµPIC-Pñ C, PsC†C†C- PeCñPëC, PµCñC-Cñ PsC†C-PSPePë CñPµC†PëPrPëPICí P±C-PiPsP»C¶CñPSPsPiPs CñPsP·P»P°PrCí. PhP»P°PSP·P°PiC-PS C, P°PePsP¶ PiPsPeP°P·P°PI CíC, P°C, PëCíC, PëC†PSPs P·PSP°C†CíC%oC- PiPµCñPµPIP°PiPë PSP°Pr PiP»P°C†PµP±Ps PI CñP°PjPeP°C... P·P°PiPsP±C-PiP°PSPSC¶C CñPµC†PëPrPëPICí PjP°PSC-C— P°P±Ps CñPµC†PëPrPëPICí PrPµPiCñPµCíC-C—.

Pj PiCñPsC†PµCíC- PSP°CíC, CíPiPSPsPiPs 12-PjC-CíC¶C†PSPsPiPs PrPsCíP»C-PrP¶PµPSPSC¶C PiCñPsC,, C-P»P°PeC, PëPePë CñPµC†PëPrPëPIC-PI PjP°PSC-P°PeP°P»CHPSPëC... PµPiC-P·PsPrC-PI Cí PiP°C†C-C" PSC, C-PI, C¶PeC- PrPsCíC¶PiP»Pë CñPµPjC-CíC-C— Cí CñPµP·CíP»CHC, P°C, C- CíCíPiCíC, PSCHPsPiPs P»C-PeCíPIP°PSPSC¶C PsP»P°PSP·P°PiC-PSPsPj C, P° P»C-C, C-C" Pj C- P·PiPsPrPsPj P±CíP»Pë CñP°PSPPrPsPjC-P·PsPIP°PSC- Cí PiCñCíPiPë PiCñPëPñPsPjCí PsP»P°PSP·P°PiC-PSCí P°P±Ps P»C-C, C-Cñ PsPeCñPµPjPs, PsP»P°PSP·P°PiC-PS PSPµ PjP°PI CíC, P°C, PëCíC, PëC†PSPs P·PSP°C†CíC%oPsC— PiPµCñPµPIP°PiPë PSP°Pr P»C-C, C-C" Pj Cí PeC-PSC†PµPIC-Pñ C, PsC†C†C- PeCñPëC, PµCñC-Cñ PsC†C-PSPePë CñPµC†PëPrPëPICí P±C-PiPsP»C¶CñPSPsPiPs CñPsP·P»P°PrCí (PsP»P°PSP·P°PiC-PS 30 %, P»C-C, C-Pñ 38,3 %, Cñ = 0,055).

Pj PiCñPsC†PµCíC- 18-PjC-CíC¶C†PSPsPiPs PrPsCíP»C-PrP¶PµPSPSC¶C PiC-Pr C†P°Cí CíCíPiCíC, PSCHPsPiPs P»C-PeCíPIP°PSPSC¶C PjP°PSC-P°PeP°P»CHPSPëC... P°P±Ps P·PjC-C€P°PSPëC... PµPiC-P·PsPrC-PI CíC, P°PS PiP°C†C-C" PSC, C-PI CíC, P°P±C-P»C-P·CíPIP°P»Pë P·P° PrPsPiPsPjPsPiPsCñ PsP»P°PSP·P°PiC-PSCí, C¶Pe CíC, P°P±C-P»C-P·P°C, PsCñ PSP°CíC, CñPsCñ P·P°CíC, PsCíPsPICíPIP°P»Pë P»C-C, C-Pñ P°P±Ps PIP°P»CHPiCñPsP°C,; PrPsPIPiPsC, CñPëPIP°P»Pµ CíCíPiCíC, PSC" P»C-PeCíPIP°PSPSC¶C PsP»P°PSP·P°PiC-PSPsPj C-P· P»C-C, C-C" Pj P°P±Ps PIP°P»CHPiCñPsP°C, PsPj PSPµ PICíC, P°PSPsPIPëP»Ps CíC, P°C, PëCíC, PëC†PSPs P·PSP°C†CíC%oPsC— PiPµCñPµPIP°PiPë PSP°Pr PjPsPSPsC, PµCñP°PiC-C" Cñ P»C-C, C-C" Pj P°P±Ps PIP°P»CHPiCñPsP°C, PsPj C- PIC-PrC, PµCñPjC-PSCíPIP°PSPSC¶C CñPµC†PëPrPëPIC-PI P±C-PiPsP»C¶CñPSPëC... CñPsP·P»P°PrC-PI, PIPëP·PSP°C†PµPSPëC... PIC-PrPiPsPIC-PrPSPs PrPs CíPëPSPrCñPsPjPSPsPiPs (PrC-P°PiPSPsCíC, PëC†PSPsPiPs) PeCñPëC, PµCñC-Cñ.

P"C-C, Pë.

P"PsCíPIC-Pr P·P°CíC, PsCíCíPIP°PSPSC¶C PiC-PrP»C-C, PeP°Pj (PIC-PePsPj PIC-Pr 13 PrPs 17 CñPsPeC-PI) PsP±PjPµP¶PµPSPëPñ, PIC-PrPiPsPIC-PrPSPs PrPs PsC, CñPëPjP°PSPëC... PrP°PSPëC... C%oPsPrPs PµC,, PµPeC, PëPIPSPsCíC, C- PePsCñPsC, PePsC, CñPëPIP°P»PsPiPs

P»C-PeCfPIP°PSPSClI C€P€P·PsC„CfPµPSC-C— (6 C,P€P¶PSC-PI) C,P° PjP°PSC-C—, PīPsPIbT[™] CłP·P°PSPsC— P· P±C-PīPsP»CłCfPSP€PjP€ CfPSP·P»P°PrP°PjP€ (3 C,P€P¶PSC-), P· CřC±P°CfC,Cf PjPµPSC€Pµ PSC-P¶ 200 PīC-PrP»C-C,P€C-PI. PµPsC±P°C,P€PsPIP° PrPsP·P° PsP»P°PSP·P°PīC-PSCř CfC,P°PSPsPIP€P»P° 2,5 PjPi C,P° PrPsCfCłPiP°P»P° 20 PjPi/PrPsP±Cř. PµC-Pr C±P°Cf P»C-PeCfPIP°PSPSClI PsP»P°PSP·P°PīC-PSPsPj PjP°CfP° C,C-P»P° Cř PīC-PrP»C-C,P€C-PI P·PSP°C±PSPs P·P±C-P»CHC€P€P»P°CfCł PīPsCfC-PIPSCłPSPs P· PrPsCfPSPsCfP»P€PjP€. PJ PīC-PrP»C-C,P€C-PI CfPīPsCfC,PµCfC-PiP°P»PsCfCł PīC-PrPIP€C%PµPSPSClI CfC-PIPSC-PI P·P°PiP°P»CHPSPsPiPs C...PsP»PµCfC,PµCfP€PSCř, C...PsP»PµCfC,PµCfP€PSCř P»C-PīPsPīCfPSPsC,PµC—PSC-PI PSP€P·CHPePsC— C%C-P»CHPSPsCfC,C-, C,CfP€PiP»C-C†PµCfP€PrC-PI C,P° PīCfPSP»P°PeC,P€PSCř PīPsCfC-PIPSCłPSPs P· PrPsCfPSPsCfP»P€PjP€ (PrP€PI. CfPSP·PrC-P»P€ B«PhCfPSP±P»P€PIPsCfC,C- P·P°CfC,PsCfCřPIP°PSPSCłB» C,P° B«PµPsP±C-C±PSC-CfPµP°PeC†C-C—B»). P°P°PSC- C%PsPrPs PīC-PrC,CfP€PjP°PSPSClI PµC„PµPeC,Cř P»C-PeCfPIP°PSPSClI C,P° PrPsPIPiPsC,CfP€PIP°P»P€C... PrPsCfP»C-PrP¶PµPSCb, PsPrPµCfP¶P°PSC- P· PIC-PrPeCfP€C,P€C... PSPµPePsPSC,CfPSP»CHPsPIP°PSP€C... PeP»C-PSC-C±PSP€C... PrPsCfP»C-PrP¶PµPSCb, PsP±PjPµP¶PµPSC- (PrP€PI. CfPSP·PrC-P»P€ B«PhCfPSP±P»P€PIPsCfC,C- P·P°CfC,PsCfCřPIP°PSPSCłB» C,P° B«PµPsP±C-C±PSC-CfPµP°PeC†C-C—B»).

PαP°CfPjP°PePsPeC-PSPµC,P€PeP°.

PbP±CfPSPCfP±C†C-Cł

PhP»P°PSP·P°PīC-PS PrPsP±CfPµ PICfPjPsPeC,CřC”C,CHCfCł PīC-CfP»Cł PīPµCfPSPsCfP°P»CHPSPsPiPs PīCfP€PN€PsPjCř, PjP°PeCfP€PjP°P»CHPSP° PePsPSC†PµPSC,CfP°C†C-Cł PN€PsPiPs Cř PīP»P°P·PjC- PeCfPSPIC- PrPsCfCłPiP°C”C,CHCfCł C†PµCfPµP· 5-8 PiPsPrP€PS. P°P¶P€PIP°PSPSClI C—P¶C- PSPµ PIPīP»P€PIP°C” PSP° PICfPjPsPeC,CřPIP°PSPSClI PsP»P°PSP·P°PīC-PSCř. PbP±CfPSP»CHC,PSP° P±C-PsPrPsCfC,CřPīPSC-CfC,CH PīPµCfPSPsCfP°P»CHPSPsC— C„PsCfPjP€ PīCfP€PN€PsPjCř PsP»P°PSP·P°PīC-PSCř PīPsCfC-PIPSCłPSPs P· PIPSCřC,CfC-C€PSCbPsPIPµPSPSPsCf PSPµ PICfC,P°PSPsPIP»PµPSP°.

P PsP·PīPsPrC-P»

P C-PIPµPSCb P·PIbT[™] CłP·CřPIP°PSPSClI PsP»P°PSP·P°PīC-PSCř P· PīCfPSPsC,PµC—PSP°PjP€ PīP»P°P·PjP€ PeCfPSPIC- CfC,P°PSPsPIP€PI PīCfP€P±P»P€P·PSPs 93 % PrP»Cł PePsPSC†PµPSC,CfP°C†C-C— Cř PjPµP¶P°C... PIC-Pr 7 PrPs 1000 PSPi/PjP». PhP»P°PSP·P°PīC-PS P·PIbT[™] CłP·CřC”C,CHCfCł PīPµCfPµPIP°P¶PSPs P· P°P»CHP±CřPjC-PSPsPj C- a₁- PeP€CfP»P€Pj PiP»C-PePsPīCfPSPsC,PµC—PSPsPj.

P'C-PsC,CfP°PSCfC„PsCfPjP°C†C-Cł

PhP»P°PSP·P°PīC-PS PjPµC,P°P±PsP»C-P·CřC”C,CHCfCł Cř PīPµC†C-PSC†C- C€P»CłC...PsPj PePsPSbT[™] CfPiP°C†C-C— C,P° PsPeP€CfPSPµPSPSClI. PhCfPSPsPIPSP€Pj C†P€CfPeCřP»CHCfC†P€Pj PjPµC,P°P±PsP»C-C,PsPj C” 10-N-PiP»CHPeCřCfPSPSC-Pr, CłPeP€PN€ PSPµ PīCfPSPsPSP€PeP°C” PeCfC-P·CH PiPµPjP°C,PsPµPSC†PµC„P°P»C-C±PSP€PN€ P±P°CfPbT[™] C”Cf. PīP€C,PsC...CfPSPjP€ P450-CYP1A2 C- P450-CYP2D6 CfPīCfP€CłCfC,CH CřC,PIPsCfPµPSPSCf PjPµC,P°P±PsP»C-C,C-PI N-PrPµP·PjPµC,P€P»Cř C,P° 2-PiC-PrCfPSPsPeCfP€PjPµC,P€P»Cř, CłPeC- PIP€CłPIP»CłCfC,CH P·PSP°C±PSPs PjPµPSC€Cř C„P°CfPjP°PePsP»PsPiC-C±PSCř P°PeC,P€PIPSC-CfC,CH *in vivo*, PSC-P¶ PsP»P°PSP·P°PīC-PS, Cř PīCfPSPsC†PµCfC- PrPsCfP»C-PrP¶PµPSCb PSP° C,PIP°CfP€PSP°C.... PµPµCfPµPIP°P¶P°CHC†P° C„P°CfPjP°PePsP»PsPiC-C±PSP°

P°PeC,PëPIPSC-CÍC,CH P·CfPjPsPIP»PµPSP° PïPµCĤPIPëPSPSPëPj PsP»P°PSP·P°PïC-PSPsPj.

P'PëPIPµPrPµPSPSCĬ

PµC-CÍP»CĬ PïPµCĤPsCĤP°P»CHbPSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCĬ CÍPµCĤPµPrPSC-PNë
PïPµCĤC-PsPr PSP°PïC-PIIPëPIPµPrPµPSPSCĬ CÍ P·PrPsCĤPsPIPëC...

PrPsP±CĤPsPIPsP»CHbC†C-PI PePsP»PëPIP°PICÍCĬ P·P°P»PµP¶PSPs PIC-Pr PIC-PeCÍ C,P°
CÍC,P°C,C-.

PJ P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPsP»CHbC†C-PI P»C-C,PSCHbPsPiPs PIC-PeCÍ (PIC-PePsPj
PIC-Pr 65 CĤPsPeC-PI), PïPsCĤC-PIPSCĬPSPs P· PjPsP»PsPrCëPëPjPë P·P° PIC-PePsPj
PrPsP±CĤPsPIPsP»CHbC†CĬPjPë, CÍPµCĤPµPrPSC-PNë PïPµCĤC-PsPr
PSP°PïC-PIIPëPIPµPrPµPSPSCĬ P±CÍPI C,CĤPëPIP°P»C-CëPëPNë (51,8 PïCĤPsC,Pë
33,8 PiPsPrPëPSPë), P° PeP»C-CĤPµPSCÍ PïCĤPµPïP°CĤP°C,CÍ P±CÍPI P·PSPëP¶PµPSPëPNë (17,5
PïCĤPsC,Pë 18,2 P»/PiPsPrPëPSCÍ). PαP°CĤPjP°PePsPeC-PSPµC,PëC†PSC- PePsP»PëPIP°PSPSCĬ,
C%Ps CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCĬ CÍ PïP°C†C-C"°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCÍ,
P·PSP°C...PsPrPëP»PëCÍCĬ CÍ PjPµP¶P°C... PrC-P°PïP°P·PsPSCÍ, PIPëP·PSP°C†PµPSPsPiPs
PrP»CĬ PjPsP»PsPrCëPëC... PsCÍC-P±. PJ 44 C...PIPsCĤPëC... PIC-PePsPj PIC-Pr 65 CĤPsPeC-PI,
C...PIPsCĤPëC... PSP° CëPëP·PsC,,CĤPµPSC-CĤ, PrPsP·Pë PIC-Pr 5 PrPs 20 PjPi PSP° PrPsP±CÍ
PSPµ PIPïP»PëPIP°P»Pë PSP° C...P°CĤP°PeC,PµCĤ PïPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë.

PJ P¶C-PSPsPe, PïPsCĤC-PIPSCĬPSPs P· C†PsP»PsPIC-PeP°PjPë, CÍPµCĤPµPrPSC-PNë
PïPµCĤC-PsPr PSP°PïC-PIIPëPIPµPrPµPSPSCĬ P±CÍPI C,CĤPëPIP°P»C-CëPëPNë
(36,7 PïCĤPsC,Pë 32,3 PiPsPrPëPSPë), P° PeP»C-CĤPµPSCÍ CÍ PïP»P°P·PjC- PeCĤPsPIC- P±CÍPI
P·PSPëP¶PµPSPëPNë (18,9 PïCĤPsC,Pë
27,3 P»/PiPsPrPëPSCÍ). PhPrPSP°Pe PsP»P°PSP·P°PïC-PS (5-20 PjPi)
PïCĤPsPrPµPjPsPSCÍC,CĤCfPIP°PI P°PSP°P»PsPiC-C†PSPëPNë PïCĤPsC,,C-P»CHb P±PµP·PïPµPePë
CĬPe CÍ P¶C-PSPsPe (n = 467), C,P°Pe C- CÍ C†PsP»PsPIC-PeC-PI (n = 869).

PµP°C†C-C"°PSC,Pë P· PSPëCĤPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ

PJ PïP°C†C-C"°PSC,C-PI C-P· PïPsCĤCfCëPµPSPSCĬPjPë C,,CÍPSPeC†C-C— PSPëCĤPsPe
(PeP»C-CĤPµPSCÍ PeCĤPµP°C,PëPSC-PSCÍ <10 PjP»/C...PI), PïPsCĤC-PIPSCĬPSPs P·C-
P·PrPsCĤPsPIPëPjPë PrPsP±CĤPsPIPsP»CHbC†CĬPjPë, P±CÍP»P° PIC-PrCÍCfC,C,PSCĬ
C-CÍC,PsC,PSP° CĤC-P·PSPëC†CĬ CÍ CÍPµCĤPµPrPSCbPsPjCÍ PïPµCĤC-PsPrC-
PSP°PïC-PIIPëPIPµPrPµPSPSCĬ (37,7 PïCĤPsC,Pë 32,4 PiPsPrPëPSPë) C,P° PeP»C-CĤPµPSCÍC-
PïCĤPµPïP°CĤP°C,CÍ (21,2 PïCĤPsC,Pë 25,0 P»/PiPsPrPëPSCÍ). PhPSP°P»C-P· PjP°CÍPsPIPsPiPs
P±P°P»P°PSCÍCÍ PïPsPeP°P·P°PI, C%Ps PïCĤPëP±P»PëP·PSPs 57 % PsP»P°PSP·P°PïC-PSCÍ P·
CĤP°PrC-PsP°PeC,PëPIPSPsCĤ PjC-C,PePsCĤ P±CÍP»Pë PSP°CĬPIPSC- CÍ CÍPµC†C-,
PiPsP»PsPIPSPëPj C†PëPSPsPj CÍ PIPëPiP»CĬPrC- PjPµC,P°P±PsP»C-C,C-PI.

PµP°C†C-C"°PSC,Pë P· PïPµC†C-PSPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ

PJ PïCĤPsC†PµCÍC- PrPsCÍP»C-PrP¶PµPSPSCĬ PIPïP»PëPICÍ PïPµC†C-PSPePsPIPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- P· CÍC†P°CÍC,CĤ 6 PïP°C†C-C"°PSC,C-PI P· PeP»C-PSC-C†PSPs
P·PSP°C†CfC%PëPj C†PëCĤPsP·PsPj (PeP»P°CÍ A (n = 5) C,P° B (n = 1) P·P° CëPeP°P»PsCĤ
PŞP°PNëP»PrP°-PµbĤ™ CĤ) P±CÍP»Ps PIPëCĬPIP»PµPSPs PSPµP·PSP°C†PSPëPNë PIPïP»PëPI PSP°
C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCÍ PïPµCĤPsCĤP°P»CHbPSPs PIIPµPrPµPSPsPiPs
PsP»P°PSP·P°PïC-PSCÍ (PsPrPSPsCĤP°P·PsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CHb 2,5-7,5 PjPi).
PµP°C†C-C"°PSC,Pë P· P»PµPiPePëPjPë C,P° PïPsPjC-CĤPSPëPjPë PïPsCĤCfCëPµPSPSCĬPjPë
C,,CÍPSPeC†C-C— PïPµC†C-PSPePë PjP°P»Pë PrPµC%Ps PïC-PrPIPëC%PµPSPëPNë
CÍPëCÍC,PµPjPSPëPNë PeP»C-CĤPµPSCÍ C,P° P±C-P»CHbCë CëPIPëPrPePëPNë PïPµCĤC-PsPr

PIPëPIPµPrPµPSPSCİ PİPsCḡC-PIPSCİPSPs P· PİP°C†C-C"ḡPSC,P°PjPë, Cı CİPePëC... PSPµ
P±CıP»Ps PİPsCḡCıC€PµPSPSCİ C„CıPSPeC†C-C— PİPµC†C-PSPePë (n = 3). PŸPµCḡPµPr
PİP°C†C-C"ḡPSC,C-PI C-P· C†PëCḡPsP·PsPj P±CıP»Ps P±C-P»CHC€Pµ PeCıCḡC†C-PI (4/6; 67 %),
PSC-P¶ CıPµCḡPµPr PİP°C†C-C"ḡPSC,C-PI P±PµP· PİPsCḡCıC€PµPSPSCİ C„CıPSPeC†C-C—
PİPµC†C-PSPePë (0/3; 0 %).

PµP°C†C-C"ḡPSC,Pë, CİPeC- PİP°P»CİC,CH

P' PsCıC-P±, CİPeC- PSPµ PİP°P»CİC,CH, PİPsCḡC-PIPSCİPSPs P· PsCıPsP±P°PjPë, CİPeC-
PjP°CḡC,CH P·PIPëC†PeCı PİP°P»PëC,Pë (C†PsP»PsPIC-PePë C- P¶C-PSPePë),
CıPµCḡPµPrPSC-PNë PİPµCḡC-PsPr PSP°PİC-PIPIPëPIPµPrPµPSPSCİ
PİPsPrPsPIP¶CıPİP°PICıCİ (38,6 PİCḡPsC,Pë 30,4 PİPsPrPëPSPë), P° PeP»C-CḡPµPSCı Cı
PİP°P°P·PjC- PeCḡPsPIC- P±CıPI P·PSPëP¶PµPSPëPNë (18,6 PİCḡPsC,Pë 27,7 P»/PİPsPrPëPSCı).

PḡP»C-CḡPµPSCı PsP»P°PSP·P°PİC-PSCı Cı PİP°P°P·PjC- PeCḡPsPIC- PSPëP¶C†PëPNë Cı
PsCıC-P± P»C-C,PSCḡPsPİPs PIC-PeCı PİPsCḡC-PIPSCİPSPs P· PjPsP»PsPrPëPjPë, Cı
P¶C-PSPsPe, PİPsCḡC-PIPSCİPSPs P· C†PsP»PsPIC-PeP°PjPë, C,P° PI PsCıC-P±, CİPeC- PSPµ
PİP°P»CİC,CH, PİPsCḡC-PIPSCİPSPs P· C,PëPjPë, C...C,Ps PjP°C" P·PIPëC†PeCı PİP°P»PëC,Pë.
PµCḡPsC,Pµ CıC,CıPİC-PSCḡ PİPİP»PëPICı PIC-PeCı, CıC,P°C,C- P°P±Ps PİP°P»C-PSPSCİ
PSP° PeP»C-CḡPµPSCı PsP»P°PSP·P°PİC-PSCı Cı PİP°P°P·PjC- PeCḡPsPIC- C,P° PİPµCḡC-PsPr
PSP°PİC-PIPIPëPIPµPrPµPSPSCİ PsP»P°PSP·P°PİC-PSCı PSPµP·PSP°C†PSPëPNë,
PİPsCḡC-PIPSCİPSPs P·C- P·P°PİP°P»CHPSPsCḡ PjC-PSP»PëPIC-CıC,CH PjC-P¶
C-PSPPrPëPIC-PrCıCıPjP°PjPë.

PJ PİCḡPsC†PµCıC- PrPsCıP»C-PrP¶PµPSCḡ P·P° CıC†P°CıC,CH PİP°C†C-C"ḡPSC,C-PI-
C"ḡPICḡPsPİPµPNëC†C-PI, PİP°C†C-C"ḡPSC,C-PI CİPİPsPSCıCHPePsC— C,P°
PePëC,P°PNëCıCHPePsC— PSP°C†C-PsPSP°P»CHPSPsCıC,PµPNë PIC-PrPjC-PSPSPsCıC,PµPNë Cı
C„P°CḡPjP°PePsPeC-PSPµC,PëC†C- PsP»P°PSP·P°PİC-PSCı PSPµ PIPëCİPIP»PµPSPs.

P"C-C,Pë

PαP°CḡPjP°PePsPeC-PSPµC,PëPeP° PsP»P°PSP·P°PİC-PSCı Cı PİC-PrP»C-C,PeC-PI C-
PrPsCḡPsCıP»PëC... PİPsPrC-P±PSP°. PJ PİCḡPsC†PµCıC- PeP»C-PSC-C†PSPëC...
PrPsCıP»C-PrP¶PµPSCḡ CıPµCḡPµPrPSC-PNë PİPİP»PëPI PsP»P°PSP·P°PİC-PSCı P±CıPI
PİCḡPëP±P»PëP·PSPs PSP° 27 % PIPëC‰PëPNë Cı PİC-PrP»C-C,PeC-PI.
P"µPjPsPİCḡP°C„C-C†PSC- PIC-PrPjC-PSPSPsCıC,C- PjC-P¶ PİC-PrP»C-C,PeP°PjPë C-
PrPsCḡPsCıP»PëPjPë PİPeP»CḡC†P°CḡC,CH PSPëP¶C†Cı CıPµCḡPµPrPSCḡ PjP°CıCı C,C-P»P°
C,P° PjPµPSC€Cı PeC-P»CHPeC-CıC,CH PeCıCḡC†C-PI CıPµCḡPµPr PİP°C†C-C"ḡPSC,C-PI
PİC-PrP»C-C,PePsPİPsPİPs PIC-PeCı. PŸP°PeC- C„P°PeC,PsCḡPë, C-PjPsPIC-CḡPSPs,
PIPİP»PëPIP°CḡC,CH PSP° PIPëC‰PëPNë CıPµCḡPµPrPSC-PNë PµC„PµPeC,
PsP»P°PSP·P°PİC-PSCı, C‰Ps CıPİPsCıC,PµCḡC-PİP°PICıCİ Cı PİC-PrP»C-C,PeC-PI.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PµCḡPëCıC,PëPePë.

PµPsPeP°P·P°PSPSCİ.

PḡP»P°PSP·P°PİC-PS PİPsPeP°P·P°PSPëPNë PrP»Cİ P»C-PeCıPIP°PSPSCİ
C€PëP·PsC„CḡPµPSC-C—.

PḡP»P°PSP·P°PİC-PS PµC„PµPeC,PëPIPSPëPNë PrP»Cİ PİC-PrC,CḡPëPjP°PSPSCİ
PrPsCıCİPİPSCıC,PsPİPs PeP»C-PSC-C†PSPsPİPs PµC„PµPeC,Cı PİC-Pr C†P°Cı

C,CḡPḡPIP°P»PSC— C,PμCḡP°PīC—C— Cḡ PīP°C†C—C”PSC,C—PI, Cḡ CḡPePḡC...
CḡPīPsCḡC,PμCḡC—PīP°P»P°CḡCḡ PIC—PrPīPsPIC—PrCH PSP° PīPsC†P°C,PePsPICḡ
C,PμCḡP°PīC—Cḡ.

PḡP»P°PSP·P°PīC—PS PīPsPeP°P·P°PSPḡPNḡ PrP»Cḡ P»C—PeCḡPIP°PSPSCḡ
PjP°PSC—P°PeP°P»CHḡPSPḡC... PμPīC—P·PsPrC—PI PīPsPjC—CḡPSPsPīPs C,P° C,CḡPḡPePsPīPs
CḡC,CḡPīPμPSCḡ.

PḡP»P°PSP·P°PīC—PS PīPsPeP°P·P°PSPḡPNḡ PrP»Cḡ PīCḡPsC,,C—P»P°PeC,PḡPePḡ
PīPsPIC,PsCḡPSPḡC... PSP°PīP°PrC—PI Cḡ PīP°C†C—C”PSC,C—PI P· P±C—PīPsP»CḡCḡPSPḡPjPḡ
CḡPsP·P»P°PrP°PjPḡ, Cḡ CḡPePḡC... P±CḡP»Ps PsC,CḡPḡPjP°PSPs PīPsP·PḡC,PḡPIPSCḡ
PIC—PrPīPsPIC—PrCH PīCḡPḡ P»C—PeCḡPIP°PSPSC— PsP»P°PSP·P°PīC—PSPsPj PjP°PSC—C—.

PμCḡPsC,PḡPīPsPeP°P·P°PSPSCḡ.

PμC—PrPIPḡC%PμPSP° C†CḡC,P»PḡPIC—CḡC,CH PrPs PrC—CḡC†PsC— CḡPμC†PsPIPḡPSPḡ P°P±Ps
PrPs P±CḡPrCH—CḡPePsC— P· PrPsPīPsPjC—PḡPSPḡC... CḡPμC†PsPIPḡPS PīCḡPμPīP°CḡP°C,Cḡ;
PIC—PrPsPjPḡPNḡ CḡPḡP·PḡPe P·P°PeCḡPḡC,PsPeCḡC,PsPIPSC— PīP»P°CḡPePsPjPḡ.

P’P·P°C”PjPsPrC—Cḡ P· C—PSCḡPḡPjPḡ P»C—PeP°CḡCḡCHḡPePḡPjPḡ P·P°CḡPsP±P°PjPḡ C,P° C—PSCḡC— PIPḡPrPḡ PIP·P°C”PjPsPrC—PNḡ.

P’C—PrPsPjPs, C%Ps PrPsCḡP»C—PrPḡPμPSPSCḡ PIP·P°C”PjPsPrC—C— P· C—PSCḡPḡPjPḡ
P»C—PeP°CḡCḡCHḡPePḡPjPḡ P·P°CḡPsP±P°PjPḡ PīCḡPsPIPPrPḡP»Pḡ C,C—P»CHḡPePḡ P·
CḡC†P°CḡC,Cḡ PrPsCḡPsCḡP»PḡC....

P’P·P°C”PjPsPrC—C—, C%Ps PjP°CḡC,CH PīPsC,PμPSC†C—PNḡPSPḡPNḡ PIPīP»PḡPI PSP°
PsP»P°PSP·P°PīC—PS

PḡCḡPeC—P»CHḡPePḡ PsP»P°PSP·P°PīC—PS PjPμC,P°P±PsP»C—P·CḡC”C,CHCḡCḡ
C—P·PsC,,PμCḡPjPμPSC,PsPj CYP1A2, CḡPμC†PsPIPḡPSPḡ, C%Ps CḡPīPμC†PḡC,,C—C†PSPs
C—PSPiC—P±CḡCḡC,CH P°P±Ps C—PSPḡCḡPeCḡCḡC,CH C†PμPNḡ C—P·PsC,,PμCḡPjPμPSC,,
PjPsPḡCḡC,CH PIPīP»PḡPIP°C,Pḡ PSP° C,,P°CḡPjP°PePsPeC—PSPμC,PḡPeCḡ
PsP»P°PSP·P°PīC—PSCḡ.

P†PSPḡCḡPeC,PsCḡPḡ CYP1A2

PḡPμC,P°P±PsP»C—P·Pj PsP»P°PSP·P°PīC—PSCḡ PjPsPḡPμ P±CḡC,Pḡ C—PSPḡCḡPePsPIP°PSPḡPNḡ
PīP°P»C—PSPSCḡPj C,P° P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PeP°CḡP±P°PjP°P·PμPīC—PSCḡ,
CḡPePḡPNḡ PīCḡPḡP·PIPPrPḡC,CH PrPs P·PSPḡPḡPμPSPSCḡ PePsPSC†PμPSC,CḡP°C†C—C—
PsP»P°PSP·P°PīC—PSCḡ. PḡPīPsCḡC,PμCḡC—PīP°P»PsCḡCḡ CḡP»P°P±PePμ P°P±Ps
PīPsPjC—CḡPSPμ PīC—PrPIPḡC%PμPSPSCḡ PeP»C—CḡPμPSCḡCḡ PsP»P°PSP·P°PīC—PSCḡ.
PḡP»C—PSC—C†PSC— PIPḡCḡPSPsPIPḡPePḡ PsP±PjPμPḡPμPSC—, P°P»Pμ
CḡPμPePsPjPμPSPḡCḡC,CHCḡCḡ PeP»C—PSC—C†PSPḡPNḡ PjPsPSC—C,PsCḡPḡPSPi C,P°,
CḡPeC%Ps PSPμPsP±C...C—PrPSPs, P·P±C—P»CHḡCḡPμPSPSCḡ PrPsP·Pḡ PsP»P°PSP·P°PīC—PSCḡ
(PrPḡPI. CḡPsP·PrC—P» B«PḡPīPsCḡC—P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PḡB»).

P†PSPiC—P±C—C,PsCḡPḡ CYP1A2

$P\alpha P \gg C_f P_s P_e C_f P^\circ P_j C - PS$, $C_f P_i P_\mu C \dagger P_e C_{,,} C - C \dagger PSP \ddot{P} N_{\mathbb{N}} C - PSPiC - P \pm C - C, PsC_{\mathcal{H}} CYP1A2$,
 $C - C_f C, PsC, PSPs P \cdot PSP \ddot{P} P \parallel C_f C'' P_j P_\mu C, P^\circ P \pm PsP \gg C - P \cdot P_j PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f$. $P_i P_\mu$
 $P_i C_{\mathcal{H}} P \ddot{P} \cdot PIPsPrP \ddot{P} e C, CH PrPs C_f P_\mu C_{\mathcal{H}} P_\mu PrP SCHbPsPiPs P \cdot C_{\mathcal{H}} PsC_f C, P^\circ PSPSC_{\mathcal{H}}$
 $P_j P^\circ P_e C_f P \ddot{P} P_j P^\circ P \gg CHbPSPsC - PePsPSC \dagger P_\mu PSC, C_{\mathcal{H}} P^\circ C \dagger C - C - (C_{max}) P_i C - C_f P \gg C_{\mathcal{H}} P_i C_{\mathcal{H}} P \ddot{P} P N_{\mathbb{N}} PsP_j C_f$
 $C_{,,} P \gg C_f P_s P_e C_f P^\circ P_j C - PSC_f PSP^\circ 54 \% C_f P_\mu C_{\mathcal{H}} P_\mu Pr P \parallel C - PSPsPe, C_{\mathcal{H}} PeC - PSP_\mu P_i P^\circ P \gg C_{\mathcal{H}} C, CH,$
 $C, P^\circ PSP^\circ 77 \% C_f P_\mu C_{\mathcal{H}} P_\mu Pr C \dagger PsP \gg PsPIC - PeC - PI, C_{\mathcal{H}} PeC - P_i P^\circ P \gg C_{\mathcal{H}} C, CH. P \ddot{Y} P_\mu C_{\mathcal{H}} P_\mu PrPSC''$
 $P \cdot C_{\mathcal{H}} PsC_f C, P^\circ PSPSC_{\mathcal{H}} P_i P \gg PsC_{\%} C - P_i C - Pr C_{,,} P^\circ C_{\mathcal{H}} P_j P^\circ P_e PsPeC - PSP_\mu C, P \ddot{e} C \dagger PSPsC_{\mathcal{H}}$
 $PeC_{\mathcal{H}} P \ddot{P} IPsC_{\mathcal{H}} B \ll PePsPSC \dagger P_\mu PSC, C_{\mathcal{H}} P^\circ C \dagger C - C_{\mathcal{H}} C \dagger P^\circ C_f B \gg (AUC) PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f B$
 $C_f C, P^\circ PSPsPIP \ddot{P} e C, CH 52 \% C, P^\circ 108 \% PIC - PrP_i PsPIC - PrPSPs. P'' P \gg C_{\mathcal{H}} P_i P^\circ C \dagger C - C'' PSC, C - PI,$
 $C_{\mathcal{H}} PeC - P \cdot P^\circ C_f C, PsC_f PsPIC_f C_{\mathcal{H}} C, CH C_{,,} P \gg C_f P_s P_e C_f P^\circ P_j C - PS P^\circ P \pm Ps P \pm C_f PrCHb - C_{\mathcal{H}} PeC -$
 $C - PSC \epsilon C - C - PSPiC - P \pm C - C, PsC_{\mathcal{H}} P \ddot{P} CYP1A2, PSP^\circ P_i C_{\mathcal{H}} P \ddot{P} PeP \gg P^\circ Pr$
 $C \dagger P \ddot{P} P_i C_{\mathcal{H}} PsC_{,,} P \gg PsPeC_f P^\circ C \dagger P \ddot{P} PS, PSP_\mu PsP \pm C \dots C - PrPSPs P_i C_{\mathcal{H}} P \ddot{P} \cdot PSP^\circ C \dagger P^\circ C, P \ddot{e}$
 $P \cdot PSP \ddot{P} P \parallel P_\mu PSC - PrPsP \cdot P \ddot{e} PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f$. $P_k P_\mu PsP \pm C \dots C - PrPSPs$
 $C_{\mathcal{H}} PsP \cdot P_i P \gg C_{\mathcal{H}} PSC_f C, P \ddot{e} P_j PsP \parallel P \gg P \ddot{e} PIC - C_f C, CH P \cdot PSP \ddot{P} P \parallel P_\mu PSPSC_{\mathcal{H}} PrPsP \cdot P \ddot{e}$
 $PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f, C_{\mathcal{H}} PeC_{\%} Ps C - PSC - C \dagger C - P N_{\mathbb{N}} PsPIP^\circ PSPs P \gg C - PeC_f PIP^\circ PSPSC_{\mathcal{H}}$
 $C - PSPiC - P \pm C - C, PsC_{\mathcal{H}} PsP_j CYP1A2$.

$P - PSP \ddot{P} P \parallel P_\mu PSPSC_{\mathcal{H}} P \pm C - PsPrPsC_f C, C_f P_i PSPsC_f C, C -$

$P - P^\circ C_f C, PsC_f C_f PIP^\circ PSPSC_{\mathcal{H}} P^\circ PeC, P \ddot{e} IPsPIP^\circ PSPsPiPs PIC_f PiC - P \gg P \gg C_{\mathcal{H}} P \cdot PSP \ddot{P} P \parallel C_f PIP^\circ P \gg Ps$
 $P_i P_\mu C_{\mathcal{H}} PsC_{\mathcal{H}} P^\circ P \gg CHbPSC_f P \pm C - PsPrPsC_f C, C_f P_i PSC - C_f C, CH PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f PSP^\circ$
 $50-60 \% C - P_i PsPIP \ddot{P} PSPSPs P \cdot P^\circ C_f C, PsC_f PsPIC_f PIP^\circ C, P \ddot{e} C_f C_{\mathcal{H}} P_i C_{\mathcal{H}} PsC, C_{\mathcal{H}} PiPsP_j 2 PiPsPrP \ddot{P} PS$
 $PrPs P_i C_{\mathcal{H}} P \ddot{P} P N_{\mathbb{N}} PsP_j C_f P^\circ P \pm Ps 2 PiPsPrP \ddot{P} PS P_i C - C_f P \gg C_{\mathcal{H}} P_i C_{\mathcal{H}} P \ddot{P} P N_{\mathbb{N}} PsP_j C_f$
 $PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f$.

$P\alpha P \gg C_f P_s P_e C_f P_\mu C, P \ddot{e} PS (C - PSPiC - P \pm C - C, PsC_{\mathcal{H}} CYP 2D6), PsPrPSPsC_{\mathcal{H}} P^\circ P \cdot PsPIP^\circ PrPsP \cdot P^\circ$
 $P^\circ PSC, P^\circ C \dagger P \ddot{P} PrC - PI, C_{\%} Ps P_j C - C_f C, C_{\mathcal{H}} C, CH P^\circ P \gg C_{\mathcal{H}} P_j C - PSC - P N_{\mathbb{N}} C, P^\circ P_j P^\circ PiPSC - P N_{\mathbb{N}}, P^\circ P \pm Ps$
 $C \dagger P \ddot{P} P_j P_\mu C, P \ddot{e} PrP \ddot{P} PSC_f C - C_f C, PsC, PSPs PSP_\mu PIP_i P \gg P \ddot{e} PIP^\circ P \gg P \ddot{e} PSP^\circ$
 $C_{,,} P^\circ C_{\mathcal{H}} P_j P^\circ PePsPeC - PSP_\mu C, P \ddot{e} PeC_f PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f$.

$P_\mu PsC, P_\mu PSC \dagger C - P N_{\mathbb{N}} PSP^\circ P \cdot PrP^\circ C, PSC - C_f C, CH PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f PIP \cdot P^\circ C'' P_j PsPrC - C_{\mathcal{H}} C, P \ddot{e}$
 $P \cdot C - PSC \epsilon P \ddot{P} P_j P \ddot{e} P \gg C - PeP^\circ C_{\mathcal{H}} C_f CHbPeP \ddot{P} P_j P \ddot{e} P \cdot P^\circ C_f PsP \pm P^\circ P_j P \ddot{e}$

$PhP \gg P^\circ PSP \cdot P^\circ P_i C - PS P_j PsP \parallel P_\mu PIP \ddot{P} C_{\mathcal{H}} PIP \gg C_{\mathcal{H}} C, P \ddot{e} P^\circ PSC, P^\circ PiPsPSC - P \cdot P_j PrPs P_\mu C_{,,} P_\mu PeC, C - PI$
 $P_i C_{\mathcal{H}} C_{\mathcal{H}} P_j P \ddot{P} e \dots C, P^\circ PSP_\mu P_i C_{\mathcal{H}} C_{\mathcal{H}} P_j P \ddot{P} e \dots P^\circ PiPsPSC - C_f C, C - PI PrPsP_i P^\circ P_j C - PSC_f$.

$PhP \gg P^\circ PSP \cdot P^\circ P_i C - PS PSP_\mu P_i C_{\mathcal{H}} P \ddot{P} PiPSC - C \dagger C_f PIP^\circ PI PsC_f PSPsPIPSC - CYP 450-$
 $C - P \cdot PsC_{,,} P_\mu C_{\mathcal{H}} P_j P_\mu PSC, P \ddot{e} (PSP^\circ P_i C_{\mathcal{H}} P \ddot{P} PeP \gg P^\circ Pr, 1P_2, 2D6, 2C9, 2C19, 3A4) in vitro. P \ddot{Y} P^\circ PeP \ddot{P} P_j$
 $C \dagger P \ddot{P} PSPsP_j, PSP_\mu PsC \dagger C - PeC_f C'' C, CHbC_f C_{\mathcal{H}} PSC - C_{\mathcal{H}} PeP \ddot{P} e \dots PsC_f PsP \pm P \gg P \ddot{e} PIP \ddot{P} e \dots$
 $PIP \cdot P^\circ C'' P_j PsPrC - P N_{\mathbb{N}}, C_{\%} Ps P_i C - PrC, PIP_\mu C_{\mathcal{H}} PrP \parallel P_\mu PSPs PI PrPsC_f P \gg C - PrP \parallel P_\mu PSPSC_{\mathcal{H}} C \dots in$
 $vivo, PrP_\mu PSP_\mu PIC - PrP \cdot PSP^\circ C \dagger P^\circ P \gg PsC_f CHb C - PSPiC - P \pm C_f PIP^\circ PSPSC_{\mathcal{H}}$
 $P_j P_\mu C, P^\circ P \pm PsP \gg C - P \cdot P_j C_f PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f P_i C_{\mathcal{H}} P \ddot{P} P \cdot P^\circ C_f C, PsC_f C_f PIP^\circ PSPSC - C, P^\circ PeP \ddot{P} e \dots$
 $P^\circ PeC, P \ddot{e} PIPSP \ddot{P} e \dots C_{\mathcal{H}} P_\mu C \dagger PsPIP \ddot{P} PS: C, C_{\mathcal{H}} P \ddot{P} e C \dagger P \ddot{P} PeP \gg C - C \dagger PSP \ddot{P} e \dots$
 $P^\circ PSC, P \ddot{e} PrP_\mu P_i C_{\mathcal{H}} P_\mu C_f P^\circ PSC, C - PI (C_{\%} Ps P_i C_{\mathcal{H}} P_\mu PrC_f C, P^\circ PIP \gg C_{\mathcal{H}} CHb, CH$
 $P_i P_\mu C_{\mathcal{H}} P_\mu PIP^\circ P \parallel PSPs C \epsilon P \gg C_{\mathcal{H}} C \dots CYP2D6), PIP^\circ C_{\mathcal{H}} C_{,,} P^\circ C_{\mathcal{H}} P \ddot{P} PSC_f (CYP2C9),$
 $C, P_\mu PsC_{,,} C - P \gg C - PSC_f (CYP1A2) P^\circ P \pm Ps PrC - P^\circ P \cdot P_\mu P_i P^\circ P_j C_f (CYP3A4, 2C19)$.

$P_k P_\mu P \pm C_f P \gg Ps PIC - PrP \cdot PSP^\circ C \dagger P_\mu PSPs PIP \cdot P^\circ C'' P_j PsPrC - C - PsP \gg P^\circ PSP \cdot P^\circ P_i C - PSC_f P_i C_{\mathcal{H}} P \ddot{P}$
 $P \cdot P^\circ C_f C, PsC_f C_f PIP^\circ PSPSC - P N_{\mathbb{N}} PsPiPs P \cdot P \gg C - C, C - C'' P_j P^\circ P \pm Ps P \pm C - P_i P_\mu C_{\mathcal{H}} P \ddot{P} PrP_\mu PSPsP_j$.

$P \ddot{Y} P_\mu C_{\mathcal{H}} P^\circ P_i P_\mu PIC, P \ddot{e} C \dagger PSP \ddot{P} P N_{\mathbb{N}} P_j PsPSC - C, PsC_{\mathcal{H}} P \ddot{P} PSP_i C_{\mathcal{H}} C - PIPSC_{\mathcal{H}} PIP^\circ P \gg CHbP_i C_{\mathcal{H}} PsP^\circ C, C_f PI$
 $P_i P \gg P^\circ P \cdot P_j C - PeC_{\mathcal{H}} PsPIC - PSP_\mu PIP \ddot{P} C_{\mathcal{H}} PIP \ddot{P} PI PSP_\mu PsP \pm C \dots C - PrPSPsC_f C, C - PePsC_{\mathcal{H}} P_\mu PeC \dagger C - C -$

PrPsP·Pë PIP°P»CHPİCḡPsP°C,Cr PİCḡPë CÍCrPİCÍC,PSCHPsPjCr P·P°CÍC,PsCÍCrPIP°PSPSC- P·PsP»P°PSP·P°PİC-PSPsPj.

P—P°PiP°P»CHBPSP° P°PeC,PëPIPSC-CÍC,CH C%PsPrPs C†PµPSC,CḡP°P»CHBPSPsC—PSPµCḡPIPsPIPsC— CÍPëCÍC,PµPjPë (PİPÍPŸ)

P— PsP±PµCḡPµP¶PSC-CÍC,Cḡ CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PsP»P°PSP·P°PİC-PS PİP°C†C-C"°PSC,P°Pj, CİPeC- PİCḡPëPñPjP°CḡC,CH PµC,P°PSPsP» P°P±Ps P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, C%Ps PjPsP¶CÍC,CH CÍPİCḡPëC†PëPSPëC,Pë PİCḡPëPiPSC-C†PµPSPSCİ PİPÍPŸ.

PŸCrPİCÍC,PSC" P·P°CÍC,PsCÍCrPIP°PSPSCİ PsP»P°PSP·P°PİC-PSCr P·P°PSC,PëPİP°CḡPeC-PSCÍPsPSC-C†PSPëPjPë PİCḡPµPİP°CḡP°C,P°PjPë PİP°C†C-C"°PSC,P°Pj C-P·C...PIPsCḡPsP±PsCḡ PµP°CḡPeC-PSCÍPsPSP° C,P° PrPµPjPµPSC†C-C"°Cḡ PSPµ CḡPµPePsPjPµPSPrCÍC"°C,CHCÍCİ (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCİB»).

P†PSC,PµCḡPIP°P» QTc

PŸP»C-Pr P· PsP±PµCḡPµP¶PSC-CÍC,Cḡ PİCḡPëP·PSP°C†P°C,Pë PsP»P°PSP·P°PİC-PS P·C-PSCëPëPjPë PİCḡPµPİP°CḡP°C,P°PjPë P· PIC-PrPsPjPëPj CḡPëP·PëPePsPj PİC-PrPIPëC%PµPSPSCİ C-PSC,PµCḡPIP°P»Cr QTc (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCrPIP°PSPSCİB»).

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCžPIP°PSPSCİ.

PµC-Pr C†P°CÍ P»C-PeCÍPIP°PSPSCİ P°PSC,PëPİCÍPëC...PsC,PëC†PSPëPjPë P·P°CÍPsP±P°PjPë PİPsP»C-PİCëPµPSPSCİ PİCḡPëPiPSC-C†PµPSPsPiPs CÍC,P°PSCr PİP°C†C-C"°PSC,P° PjPsP¶Pµ P·P°PñPSCİC,Pë PIC-Pr PeC-P»CHPePsC... PrPSC-PI PrPs PeC-P»CHPePsC... C,PëP¶PSC-PI. PµCḡPsC,CİPiPsPj C†CHPsPiPs PİPµCḡC-PsPrCÍ PSPµPsP±C...C-PrPSPëPñ CḡPµC,PµP»CHBPSPëPñ PjPsPSC-C,PsCḡPëPSPi PİP°C†C-C"°PSC,C-PI.

PµCÍPëC...PsP·, PİPsPIBḡ™ CİP·P°PSPëPñ P· PrPµPjPµPSC†C-C"°Cḡ C,P°/P°P±Ps CḡPsP·P»P°PrP°PjPë PİPsPIPµPrC-PSPePë. PhP»P°PSP·P°PİC-PS PSPµ PİCḡPëP·PSP°C†PµPSPëPñ PrP»Cİ P»C-PeCÍPIP°PSPSCİ PİCÍPëC...PsP·C-PI, PİPsPIBḡ™ CİP·P°PSPëC... P· PrPµPjPµPSC†C-C"°Cḡ C,P°/P°P±Ps PİPsCḡCÍCëPµPSPSCİPjPë PİPsPIPµPrC-PSPePë, P° C,P°PePsP¶ PSPµ CḡPµPePsPjPµPSPrCÍC"°C,CHCÍCİ PrP»Cİ P·P°CÍC,PsCÍCrPIP°PSPSCİ PrP°PSPëPj PİP°C†C-C"°PSC,P°Pj Cr P·PIBḡ™ CİP·PeCÍ P· PİC-PrPIPëC%PµPSPSCİPj P»PµC,P°P»CHBPSPsCÍC,C- C,P° CḡPëP·PëPeCÍ C†PµCḡPµP±CḡPsPIP°CÍPeCÍP»CİCḡPSPëC... PİPëPİP°PrPeC-PI. Pj C...PsPrC- PİP»P°C†PµP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPëC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCH (C,CḡPëPIP°P»C-CÍC,Cḡ 6-12 C,PëP¶PSC-PI) P·P° CrC†P°CÍC,C- PİP°C†C-C"°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ (CÍPµCḡPµPrPSC-Pñ PIC-Pe 78 CḡPsPeC-PI), CİPeC- CÍC,CḡP°P¶PrP°CḡC,CH PSP° PİCÍPëC...PsP·Pë, PİPsPIBḡ™ CİP·P°PSC- P· PrPµPjPµPSC†C-C"°Cḡ C,P°/P°P±Ps PİPsCḡCÍCëPµPSPSCİPj PİPsPIPµPrC-PSPePë, PeC-P»CHPeC-CÍC,CH P»PµC,P°P»CHBPSPëC... PİPëPİP°PrPeC-PI P±CrP»P° Cr 2 CḡP°P·Pë PİPëC%P° Cr PİP°C†C-C"°PSC,C-PI, CİPeC- PİCḡPëPñPjP°P»Pë PsP»P°PSP·P°PİC-PS, PİPsCḡC-PIPSİPSPs P· PİP»P°C†PµP±Ps (3,5 % PİCḡPsC,Pë 1,5 % PIC-PrPİPsPIC-PrPSPs). P'PëCÍPsPeP° P»PµC,P°P»CHBPSC-CÍC,CH PSPµ P±CrP»P° PİPsPIBḡ™ CİP·P°PSP° P· PİPµP»PëC†PëPSPsCḡ P·P°CÍC,PsCÍPsPICÍPIP°PSPëC... PrPsP·PsP»P°PSP·P°PİC-PSCr (CÍPµCḡPµPrPSCİ PrPsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëP»P° 4,4 PjPi)

P°P±Ps P· C, CḡPēPIP°P»C-CÍC, Cḡ P»C-PeCfPIP°PSPSCḡ. PαP°PeC, PsCḡPē CḡPēP·PēPeCf, CḡPeC- PjPsPḡCfC, Cḡ CÍPīCḡPēC±PēPSPēC, Pē PīC-PrPIPēC%PμPSPSCḡ P»PμC, P°P»CḡPSPsCÍC, C-, PIPeP»CḡC±P°CḡC, Cḡ PIC-Pe PIC-Pr 65 CḡPsPeC-PI, PrPēCÍC, „P°PīC-Cḡ, B CÍPμPrP°C†C-Cḡ, PSPμPrPsC—PrP°PSPSCḡ C, P° P·PSPμPIPsPrPSPμPSPSCḡ, P»PμPiPμPSPμPIC- C...PIPsCḡPsP±Pē (PīPSPμPIPjPsPSC-Cḡ P· P°P±Ps P±PμP· P°CÍPīC-CḡP°C†C-C—), CÍCfPīCfC, PSC” P·P°CÍC, PsCÍCfPIP°PSPSCḡ P±PμPSP·PsPrC-P°P·PμPīC-PSC-PI. PμCḡPsC, Pμ PIPēPīP°PrPePē P»PμC, P°P»CḡPSPsCÍC, C- P±CfP»Pē PIPēC%C- PīCḡPē C, PμCḡP°PīC-C— PsP»P°PSP·P°PīC-PSPsPj, PSC-Pḡ PīCḡPē PīCḡPēPμPsPjC- PīP»P°C†PμP±Ps, PSPμP·P°P»PμPḡPSPs PIC-Pr C, „P°PeC, PsCḡC-PI CḡPēP·PēPeCf.

Pj PīCḡPsC†PμCÍC- PeP»C-PSC-C±PSPēC... PrPsCÍP»C-PrPḡPμPSCH CÍPīPsCÍC, PμCḡC-PiP°P»PēCÍCḡ PIPēPīP°PrPePē C†PμCḡPμP±CḡPsPIP°CÍPeCfP»CḡCḡPSPēC... PīPsP±C-C±PSPēC... CḡPμP°PeC†C-PNē (PSP°PīCḡPēPeP»P°Pr, C-PSCÍCfP»CḡC, „C, CḡP°PSP·PēC, PsCḡPSPēPNē C-CēPμPjC-C±PSPēPNē C-PSCÍCfP»CḡC, „), CÍ C, PsPjCf C±PēCÍP»C- P· P»PμC, P°P»CḡPSPēPj PSP°CÍP»C-PrPePsPj. PḡC-P»CḡPeC-CÍC, Cḡ C†PμCḡPμP±CḡPsPIP°CÍPeCfP»CḡCḡPSPēC... PīPsP±C-C±PSPēC... CḡPμP°PeC†C-PNē P±CfP»P° CÍ 3 CḡP°P·Pē PIPēC%P° CÍ PīP°C†C-C”PSC, C-PI, CḡPeC- PīCḡPēPNēPjP°P»Pē PsP»P°PSP·P°PīC-PS, PīPsCḡC-PIPSCḡPSPs P· PīP°C†C-C”PSC, P°PjPē, CḡPeC- PīCḡPēPNēPjP°P»Pē PīP»P°C†PμP±Ps (1,3 % PīCḡPsC, Pē 0,4 % PIC-PrPīPsPIC-PrPSPs). PjCÍC- PīP°C†C-C”PSC, Pē, CḡPeC- PīCḡPēPNēPjP°P»Pē PsP»P°PSP·P°PīC-PS P°P±Ps PīP»P°C†PμP±Ps C- CÍ CḡPePēC... CÍPīPsCÍC, PμCḡC-PiP°P»PēCÍCḡ C†PμCḡPμP±CḡPsPIP°CÍPeCfP»CḡCḡPSC- PīPsP±C-C±PSC- CḡPμP°PeC†C-C—, PjP°P»Pē C, „P°PeC, PsCḡPē CḡPēP·PēPeCf. P’C-Pe PIC-Pr 75 CḡPsPeC-PI C, P° CÍCfPrPēPSPSPēPNē/P·PjC-CēP°PSPēPNē C, PēPī PrPμPjPμPSC†C-C— P±CfP»Pē C-PrPμPSC, PēC, „C-PePsPIP°PSC- CḡPe C, „P°PeC, PsCḡPē CḡPēP·PēPeCf C†PμCḡPμP±CḡPsPIP°CÍPeCfP»CḡCḡPSPēC... PīPsP±C-C±PSPēC... CḡPμP°PeC†C-PNē PīCḡPē C, PμCḡP°PīC-C— PsP»P°PSP·P°PīC-PSPsPj. P·C, „PμPeC, PēPIPSC-CÍC, Cḡ PsP»P°PSP·P°PīC-PSCf PSPμ P±CfP»P° PICÍC, P°PSPsPIP»PμPSP° CÍ C...PsPrC- PrP°PSPēC... PrPsCÍP»C-PrPḡPμPSCH.

PÍPIPsCḡPsP±P° PμP°CḡPeC-PSCÍPsPSP°. PkPμ CḡPμPePsPjPμPSPPrPsPIP°PSPs P·P°CÍC, PsCÍCfPIP°PSPSCḡ PsP»P°PSP·P°PīC-PSCf CÍ C, PμCḡP°PīC-C— PīCÍPēC...PsP·C-PI, C%Ps P°CÍPsC†C-PNēPsPIP°PSC- P· P°PīPsPSC-CÍC, P°PjPē PrPsPīP°PjC-PSCf PI PīP°C†C-C”PSC, C-PI C-P· C...PIPsCḡPsP±PsCḡ PμP°CḡPeC-PSCÍPsPSP°. Pj PīCḡPsC†PμCÍC- PeP»C-PSC-C±PSPēC... PrPsCÍP»C-PrPḡPμPSCH PrCfPḡPμ C±P°CÍC, Ps CÍPīPsCÍC, PμCḡC-PiP°P»PsCÍCḡ PīPsPīC-CḡCēPμPSPSCḡ CÍPēPjPīC, PsPjP°C, PēPePē C...PIPsCḡPsP±Pē PμP°CḡPeC-PSCÍPsPSP° C, P° PīP°P»CḡC†PēPSP°C†C-PNē, C±P°CÍC, C-CēPμ, PSC-Pḡ PīCḡPē PīCḡPēPNēPsPjC- PīP»P°C†PμP±Ps (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»); PīCḡPē P»C-PeCfPIP°PSPSC- PīCÍPēC...PsC, PēC±PSPēC... CÍPēPjPīC, PsPjC-PI C, PμCḡP°PīC-Cḡ PsP»P°PSP·P°PīC-PSPsPj PSPμ P±CfP»P° P±C-P»CḡCē PμC, PμPeC, PēPIPSPsCḡ PīPsCḡC-PIPSCḡPSPs C-P· P·P°CÍC, PsCÍCfPIP°PSPSCḡPj PīP»P°C†PμP±Ps. Pj C†PēC... PrPsCÍP»C-PrPḡPμPSPSCḡC... PIC-Pr PīP°C†C-C”PSC, C-PI PIPēPjP°PīP°P»PsCÍCḡ PīPsCÍC, C-PNēPSPμ P·P°CÍC, PsCÍCfPICfPIP°PSPSCḡ PSP°PNēPjPμPSCēPsC— PμC, „PμPeC, PēPIPSPsC— PrPsP·Pē P°PSC, PēPīP°CḡPeC-PSCÍPsPSC-C±PSPēC... P»C-PeP°CḡCfCḡPePēC... P·P°CÍPsP±C-PI (P°PīPsPSC-CÍC, C-PI PrPsPīP°PjC-PSCf), P° C, P°PePsPḡ P·P°CÍC, PsCÍCfPICfPIP°PSPSCḡ C, PēC... CÍP°PjPēC... P°PSC, PēPīP°CḡPeC-PSCÍPsPSC-C±PSPēC... P»C-PeP°CḡCfCḡPePēC... P·P°CÍPsP±C-PI C- PrPsP· PīCḡPsC, CḡPīPsPj CÍCfCḡPsPīPs PrPsCÍP»C-PrPḡPμPSPSCḡ. PḡPμCḡP°PīC-Cḡ PsP»P°PSP·P°PīC-PSPsPj P±CfP»Ps CḡPsP·PīPsC±P°C, Ps P· PrPsP·Pē 2,5 PjPi PSP° PrPsP±Cf, CḡPeCf P·P±C-P»CḡCēCfPIP°P»Pē CēP»CḡC...PsPj C, PēC, CḡCfPIP°PSPSCḡ PrPs PjP°PeCÍPēPjP°P»CḡPSPsPīPs PrPsP·Pē 15 PjPi PSP° PrPsP±Cf.

PkPμPN₂CTjPsP»PμPiC,PeC†PSPëPN₂ P·P»PsCΠPeC-Cl'PSPëPN₂ Cl'PëPSPPrCTjPsPj (PkP—PŸ).
PkP—PŸ BŸ“ C†Pμ PiPsC,PμPSC†C-PN₂PSPs P»PμC,P°P»CHbPSPëPN₂
Cl'PëPjPiC,PsPjPsPePsPjPiP»PμPeCl', PsPiPëCl'P°PSPëPN₂ Cr P·PiBŸ™ CΠP·PeCr P·
P°PSC,PëPiCl'PëC...PsC,PëC†PSPëPjPë PiCTjPμPiP°CTjP°C,P°PjPë. P C-PrPePs
PiPsPIC-PrPsPjP»CΠP»PsCl'Cl PiCTjPs PiPëPiP°PrPePë PkP—PŸ, PiPsPiBŸ™ CΠP·P°PSC- C-P·
P·P°Cl'C,PsCl'CrPiP°PSPSCΠPj PsP»P°PSP·P°PiC-PSCr. PŸP»C-PSC-C†PSPëPjPë
PiCTjPsCΠPiP°PjPë PkP—PŸ C” PiC-PiPμCTjPiC-CTjPμPeCl'C-Cl, PjBŸ™ CΠP·PsPiP°
CTjPëPiC-PrPSC-Cl'C,CH, PIC,CTjP°C,P° Cl'PIC-PrPsPjPsCl'C,C- C,P° Cl'PëPjPiC,PsPjPë
Cl'PμCTjC†PμPiPsC— PSPμCl'C,P°P±C-P»CHbPSPsCl'C,C- (PSPμCTjPμPiCrP»CΠCTjPSPëPN₂
PiCrP»CHbCl' P°P±Ps P°CTjC,PμCTjC-P°P»CHbPSPëPN₂ C,PëCl'Pe, C,P°C...C-PeP°CTjPrC-Cl,
PiC-PrPiPëC%PμPSPμ PiPsC,PsPiPëPrC-P»PμPSPSCΠ C,P° Cl'PμCTjC†PμPiP° P°CTjPëC,PjC-Cl).
P”PsPrP°C,PePsPIC- PsP·PSP°PePë PjPsP¶CrC,CH PiPeP»CHC†P°C,Pë PiC-PrPiPëC%PμPSPëPN₂
CTjC-PIPμPSCb PeCTjPμP°C,PëPSC-PSC,,PsCl'C,,PsPeC-PSP°P·Pë, PjC-PsPiP»PsP±C-PSCrCTjC-CH
(CTjP°P±PrPsPjC-PsP»C-P·) C,P° PiPsCl'C,CTjCr PSPëCTjPePsPICr
PSPμPrPsCl'C,P°C,PSC-Cl'C,CH. PŸP»C-PSC-C†PSPëPN₂ PiCTjPsCΠPI PkP—PŸ P°P±Ps
PSP°CΠPiPSC-Cl'C,CH PiC-PiPμCTjC,PμCTjPjC-C— P±PμP· PeP»C-PSC-C†PSPsPiPs
PiCTjPsCΠPICr PkP—PŸ PiPsC,CTjPμP±CrC” PSPμPiP°PN₂PSPsC— PIC-PrPjC-PSPë PICl'C-C...
P°PSC,PëPiCl'PëC...PsC,PëC†PSPëC... P·P°Cl'PsP±C-PI, PiPeP»CHC†P°CHC†Pë
PsP»P°PSP·P°PiC-PS.

P”C-PiPμCTjPiP»C-PePμPjC-Cl C- C†CéPeCTjPsPiPëPN₂ PrC-P°P±PμC,. PkPμC†P°Cl'C,Ps
PiPsPIC-PrPsPjP»CΠP»PsCl'Cl PiCTjPs PiC-PiPμCTjPiP»C-PePμPjC-CH C,P°/P°P±Ps
CTjPsP·PiPëC,PsPe C†CrPeCTjPsPiPsPiPs PrC-P°P±PμC,Cr P°P±Ps PiPsPiC-CTjC€PμPSPSCΠ
PiPμCTjPμP±C-PiCr PiP¶Pμ C-Cl'PSCrCHC†PsPiPs, P°Cl'PsC†C-PN₂PsPiP°PSPsPiPs P·
PePμC,PsP°C†PëPrPsP·PsPj P°P±Ps PrC-P°P±PμC,PëC†PSPsCh PePsPjPsCh, P° C,P°PePsP¶ PiCTjPs
P»PμC,P°P»CHbPSC- PiPëPiP°PrPePë (PrPëPI. CTjPsP·PrC-P» B«PμPsP±C-C†PSC-
CTjPμP°PeC†C-C—B»). Pj PrPμCΠPePëC... PiPëPiP°PrPeP°C... PiPsPIC-PrPsPjP»CΠP»PsCl'Cl
PiCTjPs PiPsPiPμCTjPμPrPSC” PiC-PrPiPëC%PμPSPSCΠ PjP°Cl'Pë C,C-P»P°, C%Ps PjPsPiP»Ps
P±CrC,Pë C,,P°PeC,PsCTjPsPj CTjPëP·PëPeCr.

P PμPePsPjPμPSPPrPsPiP°PSPs PiCTjPsPiPsPrPëC,Pë PIC-PrPiPsPIC-PrPSPëPN₂
PeP»C-PSC-C†PSPëPN₂ PjPsPSC-C,PsCTjPëPSPi PiP°C†C-C”PSC,C-PI C-P· C†CrPeCTjPsPiPëPj
PrC-P°P±PμC,PsPj C,P° PiP°C†C-C”PSC,C-PI C-P· C,,P°PeC,PsCTjP°PjPë CTjPëP·PëPeCr
CTjPsP·PiPëC,PeCr C†CrPeCTjPsPiPsPiPs PrC-P°P±PμC,Cr, P·PsPeCTjPμPjP°
PiPëPjC-CTjCHPiP°C,Pë CTjC-PIPμPSCb PiP»CHPePsP·Pë Cr PeCTjPsPIC- PSP° PiPsC†P°C,PeCr
P»C-PeCrPiP°PSPSCΠ, C†PμCTjPμP· 12 C,PëP¶PSC-PI, P° C,P°PePsP¶ C%PsCTjC-C†PSPs Cr
PiPsPrP°P»CHC€PsPjCr. PμP°C†C-C”PSC,Pë, CΠPeC- PsC,CTjPëPjCrCHC,CH
P»C-PeCrPiP°PSPSCΠ P°PSC,PëPiCl'PëC...PsC,PëC†PSPëPjPë P·P°Cl'PsP±P°PjPë,
PiPeP»CHC†P°CHC†Pë PsP»P°PSP·P°PiC-PS, PiPsPiPëPSPSC- P±CrC,Pë PiC-Pr PSP°PiP»CΠPrPsPj
PrP»CΠ PiPëCΠPiP»PμPSPSCΠ Cl'PëPjPiC,PsPjC-PI PiC-PiPμCTjPiP»C-PePμPjC-C— (C,P°PePëC...
CΠPe PiPsP»C-PrPëPiCl'C-Cl, PiPsP»C-CrCTjC-Cl, PiPsP»C-C,,P°PiC-Cl C,P°
Cl'P»P°P±PeC-Cl'C,CH). PμP°C†C-C”PSC,C-PI C-P· C†CrPeCTjPsPiPëPj PrC-P°P±PμC,PsPj C,P°
PiP°C†C-C”PSC,C-PI C-P· C,,P°PeC,PsCTjP°PjPë CTjPëP·PëPeCr CTjPsP·PiPëC,PeCr
PrC-P°P±PμC,Cr PSPμPsP±C...C-PrPSPs CTjPμPiCrP»CΠCTjPSPs PePsPSC,CTjPsP»CHPiP°C,Pë
C%PsPrPs PiPsPiC-CTjC€PμPSPSCΠ CTjC-PIPSCΠ PePsPSC,CTjPsP»CH PiP»CHPePsP·Pë.
PŸP»C-Pr CTjPμPiCrP»CΠCTjPSPs PePsPSC,CTjPsP»CHPiP°C,Pë PjP°Cl'Cr C,C-P»P°,
PSP°PiCTjPëPeP»P°Pr PSP° PiPsC†P°C,PeCr P»C-PeCrPiP°PSPSCΠ, C†PμCTjPμP· 4 C,PëP¶PSC-,
C†PμCTjPμP· 8 C,PëP¶PSC-PI C,P° C†PμCTjPμP· 12 C,PëP¶PSC-PI, P° C,P°PePsP¶ 1 CTjP°P· PSP°
PePiP°CTjC,P°P» Cr PiPsPrP°P»CHC€PsPjCr.

P—PjC-PSPë CTjC-PIPSCΠ P»C-PiC-PrC-PI. PkPμP±P°P¶P°PSC- P·PjC-PSPë CTjC-PIPSCΠ

P»C-PiC-PrC-PI CÍPiPsCÍC,PμCȚC-PiP°P»PëCÍCȚ CÍ PiP°C†C-C" PSC,C-PI, CȚPeC-PsC,CȚPëPjCÍPiP°P»Pë PsP»P°PSP·P°PiC-PS CÍ PiP»P°C†PμP±Ps-PePsPSC,CȚPsP»CHbPsPiP°PSPëC... PeP»C-PSC-C†PSPëC... PiPëPiCȚPsP±CÍPiP°PSPSCȚC... (PrPëPI. CȚPsP·PrC-P» B«PμPsP±C-C†PSC- CȚPμP°PeC†C-C-B»). P-PjC-PSPë CȚC-PIPSCTȚ P»C-PiC-PrC-PI CÍP»C-Pr PePsCȚPμPiCÍPiP°C,Pë PSP°P»PμP¶PSPëPj C†PëPSPsPj CÍ PiP°C†C-C" PSC,C-PI C-P· PrPëCÍP»C-PiC-PrPμPjC-C" CȚ C,P° CÍ PiP°C†C-C" PSC,C-PI C-P· C,,P°PeC,PSCȚP°PjPë CȚPëP·PëPeCÍ CȚPsP·PiPëC,PeCÍ PiPsCȚCÍC€PμPSCĤ PsP±PjC-PSCÍ P»C-PiC-PrC-PI. PμP°C†C-C" PSC,P°Pj, CȚPeC- PsC,CȚPëPjCÍCȚC,CH P»C-PeCÍPiP°PSPSCȚ P°PSC,PëPiCÍPëC...PsC,PëC†PSPëPjPë P·P°CÍPsP±P°PjPë, PiPeP»CȚC†P°CȚC†Pë PsP»P°PSP·P°PiC-PS, PSPμPsP±C...C-PrPSPs CȚPμPiCÍP»CȚCȚPSPs PePsPSC,CȚPsP»CȚPiP°C,Pë CȚC-PIPμPSCĤ P»C-PiC-PrC-PI CÍ PeCȚPsPIC-, PSP°PiCȚPëPeP»P°Pr PSP° PiPsC†P°C,PeCÍ P»C-PeCÍPiP°PSPSCȚ, C†PμCȚPμP· 12 C,PëP¶PSC-PI, P° C,P°PePsP¶ PePsP¶PSC- 5 CȚPsPeC-PI CÍ PiPsPrP°P»CHbC€PsPjCÍ.

PȚPSC,PëC...PsP»C-PSPμCȚPiC-C†PSP° P°PeC,PëPIPSC-CÍC,CH. PμPsPiCȚPë PiPëCȚPiP»PμPSPSCȚ P°PSC,PëC...PsP»C-PSPμCȚPiC-C†PSPsC— P°PeC,PëPIPSPsCÍC,C-PsP»P°PSP·P°PiC-PSCÍ in vitro, CÍ PiCȚPsC†PμCÍC- PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ PrPsPiPμPrPμPSPs PSPëP·CHbPeCÍ C†P°CÍC,PsC,CÍ CȚPsP·PiPëC,PeCÍ PiPsPiBȚ™ CȚP·P°PSPëC... P· PSPμCȚ P°PSC,PëC...PsP»C-PSPμCȚPiC-C†PSPëC... CȚPiPëC%. PhPrPSP°Pe C†PμCȚPμP· PsP±PjPμP¶PμPSC-CÍC,CH PeP»C-PSC-C†PSPsPiPs PrPsCÍPIC-PrCÍ P·P°CÍC,PsCÍCÍPiP°PSPSCȚ PsP»P°PSP·P°PiC-PSCÍ PiP°C†C-C" PSC,P°Pj P·C-CÍCÍPiCÍC,PSC-PjPë P·P°C...PiPsCȚCȚPiP°PSPSCȚPjPë CÍP»C-Pr P±CÍC,Pë PsP±PμCȚPμP¶PSPëPjPë PiCȚPë PiCȚPëP·PSP°C†PμPSPSC- PiCȚPμPiP°CȚP°C,CÍ PiP°C†C-C" PSC,P°Pj C-P· PiC-PiPμCȚC,CȚPsC,,C-C" CȚ PiCȚPsCÍC,P°C,Pë, PiP°CȚP°P»C-C,PëC†PSPsCȚ PePëC€PePsPiPsCȚ PSPμPiCȚPsC...C-PrPSC-CÍC,CȚ P°P±Ps PiPsPrC-P±PSPëPjPë CÍC,P°PSP°PjPë.

PμPsPeP°P·PSPëPePë C,,C†PSPeC†C-C— PiPμC†C-PSPePë. PμCȚPë P·P°CÍC,PsCÍCÍPiP°PSPSC-PsP»P°PSP·P°PiC-PSCÍ C†P°CÍC,Ps CÍPiPsCÍC,PμCȚC-PiP°P»PëCÍCȚ C,CȚP°PSP·PëC,PsCȚPSC-P°CÍPëPjPiC,PsPjP°C,PëC†PSC- PiC-PrPNbPsPjPë CȚC-PIPSCTȚ PiPμC†C-PSPePsPiPëC... C,CȚP°PSCÍP°PjC-PSP°P· PȚP»PȚPȚ C,P° PȚCÍPȚPȚ, PsCÍPsP±P»PëPIPs PSP° PiPsC†P°C,PeCÍ P»C-PeCÍPiP°PSPSCȚ. PμP°C†C-C" PSC,P°Pj C-P· PiC-PrPiPëC%PμPSPëPj CȚC-PIPSPμPj PȚP»PȚPȚ C,P°/P°P±Ps PȚCÍPȚPȚ, PsP·PSP°PeP°PjPë C,P° CÍPëPjPiC,PsPjP°PjPë PiPsCȚCÍC€PμPSPSCȚ C,,C†PSPeC†C-C— PiPμC†C-PSPePë, PiP°C†C-C" PSC,P°Pj C-P· PiPsPiPμCȚPμPrPSCĤPs C-CÍPSCÍCȚC†PëPjPë CÍC,P°PSP°PjPë, PiPsPiBȚ™ CȚP·P°PSPëPjPë P· PiPμC†C-PSPePsPiPsCȚ PSPμPrPsCÍC,P°C,PSC-CÍC,CȚ, P° C,P°PePsP¶ PiP°C†C-C" PSC,P°Pj, CȚPeC- PiCȚPëPNbPjP°CȚC,CH PiPsC,PμPSC†C-PNbPSPs PiPμPiP°C,PsC,PsPeCÍPëC†PSC- PiCȚPμPiP°CȚP°C,Pë, PsP»P°PSP·P°PiC-PS PiCȚPëP·PSP°C†P°CȚC,CH P· PsP±PμCȚPμP¶PSC-CÍC,CȚ. PμCȚPë PiPëCȚPiP»PμPSPSC- PiPμPiP°C,PëC,CÍ (PiPeP»CȚC†P°CȚC†Pë PiPμPiP°C,PsC†PμP»CȚP»CȚCȚPSPμ, C...PsP»PμCÍC,P°C,PëC†PSPμ P°P±Ps P·PjC-C€P°PSPμ CÍCȚP°P¶PμPSPSCȚ PiPμC†C-PSPePë) PsP»P°PSP·P°PiC-PS PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Pë.

PkPμPNbC,CȚPsPiPμPSC-CȚ. PhP»P°PSP·P°PiC-PS PSPμPsP±C...C-PrPSPs P· PsP±PμCȚPμP¶PSC-CÍC,CȚ PiCȚPëP·PSP°C†P°C,Pë PiCȚPë PSPëP·CHbPePsPjCÍ CȚC-PIPSCTȚ P»PμPNbPePsC†PëC,C-PI C,P°/P°P±Ps PSPμPNbC,CȚPsC,,C-P»C-PI P· P±CÍPrCHb-CȚPePsC— PiCȚPëC†PëPSPë, PiP°C†C-C" PSC,P°Pj, CȚPeC- PsC,CȚPëPjCÍCȚC,CH P»C-PeCÍPiP°PSPSCȚ PiCȚPμPiP°CȚP°C,P°PjPë, C%Ps PjPsP¶CÍC,CH CÍPiCȚPëC†PëPSPëC,Pë PSPμPNbC,CȚPsPiPμPSC-CȚ, PiP°C†C-C" PSC,P°Pj, CȚPeC- PjP°CȚC,CH PI P°PSP°PjPSPμP·C-PjPμPrPëPeP°PjPμPSC,PsP·PSPμ PiCȚPëPiPSC-C†PμPSPSCȚ/C,PsPeCÍPëC†PSPμ CÍCȚP°P¶PμPSPSCȚ PeC-CÍC,PePsPiPsPiPs PjPsP·PeCÍ, PiP°C†C-C" PSC,P°Pj C-P·

PiCtjPëPiPSC-C#PµPSPSCΠPj PeC-CfC,PePsPIPsPiPs PjPsP·PeCf, CfPiCtjPëC#PëPSPµPSPëPj CfCfPiCfC,PSC-PjPë P·P°C...PIPsCtjCtjPIP°PSPSCΠPjPë, PsPiCtjPsPjC-PSPµPSPSCΠPj C#Pë C...C-PjC-PsC,PµCtjP°PiC-C"Ch, C,P° PiP°C†C-C"PSC,P°Pj C-P· PiC-PiPµCtjPµPsP·PëPSPsC,,C-P»C-C"Ch C,P° PjC-C"P»PsPiCtjPsP»C-C,,PµCtjP°C,PëPIPSPëPj P·P°C...PIPsCtjCtjPIP°PSPSCΠPj. PkPµPNëC,CtjPsPiPµPSC-CΠ C" C#P°CfC,PëPj PiPsP±C-C#PSPëPj PµC,,PµPeC,PsPj PiCtjPë CfCfPjC-CfPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-PIP°P»CHPiCtjPsP°C,Cf C,P° PsP»P°PSP·P°PiC-PSCf (PrPëPI. CtjPsP·PrC-P» B«PµPsP±C-C#PSC-CtjPµP°PeC†C-C-B»).

PµCtjPëPiPëPSPµPSPSCΠ C,PµCtjP°PiC-C—. PµCtjPë CtjP°PiC,PsPIPsPjCf PiCtjPëPiPëPSPµPSPSC- C,PµCtjP°PiC-C— PrCfP¶Pµ CtjC-PrPePs (≥0,01 % C,P° 0,1 %) PiPsPIC-PrPsPjP»CΠP»PsCfCΠ PiCtjPs PiPsCfC,CtjC- CfPëPjPiC,PsPjPë, P·PsPeCtjPµPjP° PiCtjPs PSP°PrPjC-CtjPSPµ PiPsC,PsPIPëPrC-P»PµPSPSCΠ, P±PµP·CfPsPSPSCΠ, C,CtjPµPjPsCtj, CtjPsP·PrCtjP°C,PsPIP°PSC-CfC,Ch, PSCfPrPsC,Cf P°P±Ps P±P»CtjPIP°PSPSCΠ.

P†PSC,PµCtjPIP°P» QT.

Pj PeP»C-PSC-C#PSPëC... PrPsCfP»C-PrP¶PµPSPSCΠC... PeP»C-PSC-C#PSPs P·PSP°C†CfC%Pµ PiPsPrPsPIP¶PµPSPSCΠ C-PSC,PµCtjPIP°P»Cf QTc (PePsCtjPµPeC†C-CΠ QT P·P° PαCtjC-PrPµCtjC-PePsPj (QTcF) ≥ 500 PjC-P»C-CfPµPeCfPSPr (PjCfPµPe) Cf P±CfPrCh- CΠPePëPNë C#P°Cf PiC-CfP»CΠ PiPsC#P°C,PeCf C,PµCtjP°PiC-C— Cf PiP°C†C-C"PSC,C-PI C-P· PIPëC...C-PrPSPëPj QTcF < 500 PjCfPµPe PrPs PiPsC#P°C,PeCf C,PµCtjP°PiC-C—) Cf PiP°C†C-C"PSC,C-PI, CΠPeC- P»C-PeCfPIP°P»PëCfCΠ PsP»P°PSP·P°PiC-PSPsPj CfPiPsCfC,PµCtjC-PiP°P»PsCfCΠ PSPµC#P°CfC,Ps (PIC-Pr 0,1% PrPs 1%). PµPsCtjC-PIPSCΠPSPs P· PiP»P°C†PµP±Ps PSPµ PIPëCΠPIP»PµPSPs P·PSP°C#PSPsC— CtjC-P·PSPëC†C- Cf C#P°CfC,PsC,C- P°CfPsC†C-PNëPsPIP°PSPëC... PeP°CtjPrC-P°P»CHPSPëC... PiPsP±C-C#PSPëC... CtjPµP°PeC†C-PNë. PhPrPSP°Pe, PiCtjPëP·PSP°C#P°C,Pë PsP»P°PSP·P°PiC-PS Cf PePsPjP±C-PSP°C†C-C— P· PiCtjPµPiP°CtjP°C,P°PjPë, CΠPeC- PjPsP¶CfC,Ch CfPiCtjPëC#PëPSPëC,Pë PiCtjPsP»PsPSiP°C†C-Ch C-PSC,PµCtjPIP°P»Cf QTcf, CfP»C-Pr P· PsP±PµCtjPµP¶PSC-CfC,Ch, PsCfPsP±P»PëPIPs PiP°C†C-C"PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCf, PiP°C†C-C"PSC,P°Pj C-P· PICtjPsPrP¶PµPSPëPj CfPëPSPrCtjPsPjPsPj PiCtjPsP»PsPSiP°C†C-C— C-PSC,PµCtjPIP°P»Cf QT, P·P°CfC,C-PNëPSPsCh CfPµCtjC†PµPIPsCh PSPµPrPsCfC,P°C,PSC-CfC,Ch, PiC-PiPµCtjC,CtjPsC,,C-C"Ch CfPµCtjC†CΠ, PiC-PiPsPeP°P»C-C"PjC-C"Ch P°P±Ps PiC-PiPsPjP°PiPSPµP·C-C"PjC-C"Ch.

PjCtjPsPjP±PsPµPjP±PsP»C-CΠ. PkPµC#P°CfC,Ps PiPsPIC-PrPsPjP»CΠP»PsCfCΠ PiCtjPs C,PëPjC#P°CfPsPIPëPNë P·PIbTj™ CΠP·PsPe PjC-P¶ P»C-PeCfPIP°PSPSCΠPj PsP»P°PSP·P°PiC-PSPsPj C,P° PIPëPiP°PrPeP°PjPë CtjPsP·PIPëC,PeCf PIPµPSPsP·PSPsC— C,CtjPsPjP±PsPµPjP±PsP»C-C— (≥ 0,1 % бTj" < 1 %). PµCtjPëC#PëPSPSPs- PSP°CfP»C-PrPePsPIPëPNë P·PIbTj™ CΠP·PsPe PjC-P¶ P»C-PeCfPIP°PSPSCΠPj PsP»P°PSP·P°PiC-PSPsPj C,P° CtjPsP·PIPëC,PePsPj PIPµPSPsP·PSPsC— C,CtjPsPjP±PsPµPjP±PsP»C-C— PSPµ PICfC,P°PSPsPIP»PµPSPs. PhPrPSP°Pe, P±PµCtjCfC#Pë PrPs CfPIP°PiPë C,Pµ, C%Ps Cf PiP°C†C-C"PSC,C-PI C-P· CëPëP·PsC,,CtjPµPSC-C"Ch C#P°CfC,Ps CtjPsP·PIPëPIP°C"ChCfCΠ CfC...PëP»CHPSC-CfC,Ch PrPs C,CtjPsPjP±PsPµPjP±PsP»C-C—, PSPµPsP±C...C-PrPSPs PICtjP°C...PsPICfPIP°C,Pë CfCfC- PjPsP¶P»PëPIC- C,,P°PeC,PsCtjPë CtjPëP·PëPeCf, PSP°PiCtjPëPeP»P°Pr C-PjPjPsP±C-P»C-P·P°C†C-Ch PiP°C†C-C"PSC,P°, C,P° PIP¶PëPIP°C,Pë PICfC-C... PSPµPsP±C...C-PrPSPëC... PiPsPiPµCtjPµPrP¶CfPIP°P»CHPSPëC... P·P°C...PsPrC-PI.

P—P°PiP°P»CHPSP° PrC-CΠ PSP° P|PkPŸ. P'CtjP°C...PsPICfChC#Pë PiPµCtjPµPIP°P¶PSPëPNë PIPiP»PëPi PsP»P°PSP·P°PiC-PSCf PSP° P|PkPŸ, PSPµPsP±C...C-PrPSPs PiCtjPsPIPsPrPëC,Pë PrPsPrP°C,PePsPIC- P·P°CfC,PµCtjPµP¶PSC- P·P°C...PsPrPë PiCtjPë PiCtjPëPNëPsPjC-

PsP»P°PSP·P°PīC-PSCř PI PīPsC”PrPSP°PSPSC- P· C-PSC€PēPjPē PīCḡPμPīP°CḡP°C,P°PjPē
C†PμPSC,CḡP°P»CHPSPsC— PrC-C—, PIPeP»CḡC†P°CḡC†Pē PIP¶PēPIP°PSPSC¶
P°P»PePsPiPsP»Cḡ. PμCḡPē PrPsCḡP»C-PrP¶PμPSPSC¶C... *in vitro* P·
P°PSC,P°PiPsPSC-CḡC,P°PjPē PrPsPīP°PjC-PSCř PIPēC¶PIP»PμPSPs, C%Ps
PsP»P°PSP·P°PīC-PS PjPsP¶Pμ P°PSC,P°PiPsPSC-CḡC,PēC†PSPs PIPīP»PēPIP°C,Pē PSP°
PμC„PμPeC,Pē PīCḡC¶PjPēC... C,P° PSPμPīCḡC¶PjPēC... P°PiPsPSC-CḡC,C-PI PrPsPīP°PjC-PSCř.

P·PīC-P»PμPīC,PēC†PSC- PSP°PīP°PrPē. PhP»P°PSP·P°PīC-PS PSPμPsP±C...C-PrPSPs P·
PsP±PμCḡPμP¶PSC-CḡC,Cḡ P·P°CḡC,PsCḡPsPICřPIP°C,Pē PīP°C†C-C”PSC,P°Pj P·
PμPīC-P»PμPīC,PēC†PSPēPjPē PSP°PīP°PrP°PjPē PI P°PSP°PjPSPμP·C- P°P±Ps
PīP°C†C-C”PSC,P°Pj, Cḡ C¶PePēC... PSP°C¶PIPSC- C„P°PeC,PsCḡPē, C%Ps P·PSPēP¶CḡCḡC,CH
CḡCḡPrPsPjPSPēPNē PīPsCḡC-Pi. PkPμC†P°CḡC,Ps PīPsPIC-PrPsPjP»C¶P»PsCḡC¶ PīCḡPs
PIPēPīP°PrPePē PμPīC-P»PμPīC,PēC†PSPēC... PSP°PīP°PrC-PI PīCḡPē P»C-PeCḡPIP°PSPSC-
PsP»P°PSP·P°PīC-PSPsPj. PJ P±C-P»CHC€PsCḡC,C- C†PēC... PIPēPīP°PrPeC-PI PīP°C†C-C”PSC,Pē
PjP°P»Pē PI P°PSP°PjPSPμP·C- PμPīC-P»PμPīC,PēC†PSC- PSP°PīP°PrPē P°P±Ps CḡPēP·PēPe
C—C... PIPēPSPēPePSPμPSPSC¶ P±CḡPI PīC-PrPIPēC%PμPSPēPNē.

PμC-P·PSC¶ PrPēCḡPeC-PSPμP·C-C¶. PJ PīCḡPsC†PμCḡC- PīPsCḡC-PIPSC¶P»CHPSPēC...
PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSCḡ C,CḡPēPIP°P»C-CḡC,Cḡ 1 CḡC-Pe P°P±Ps
PjPμPSC€Pμ PīCḡPē PīCḡPēPNēPsPjC- PsP»P°PSP·P°PīC-PSCř CḡPīPsCḡC,PμCḡC-PiP°P»P°CḡC¶
CḡC,P°C,PēCḡC,PēC†PSPs P·PSP°C†CḡC%Ps PSPēP¶C†P° C†P°CḡC,PsC,P°
PIPēPSPēPePSPμPSPSC¶ PrPēCḡPeC-PSPμP·C-C—, CḡPīCḡPēC†PēPSPμPSPsC—
P»C-PeCḡPIP°PSPSC¶Pj. PšPμCḡPμP· P·CḡPsCḡC,P°CḡC†PēPNē CḡPēP·PēPe CḡPsP·PIPēC,PeCḡ
PīC-P·PSCḡPsC— PrPēCḡPeC-PSPμP·C-C— PīCḡPē C,CḡPēPIP°P»PsPjCḡ PīCḡPēPNēPsPjC-
P°PSC,PēPīCḡPēC...PsC,PēC†PSPēC... PīCḡPμPīP°CḡP°C,C-PI PSPμPsP±C...C-PrPSPμ
CḡP·PīPsPrP¶PμPSPμ P·PSPēP¶PμPSPSC¶ PrPsP·Pē P°P±Ps PīPsPIPSP° PIC-PrPjC-PSP°
PīCḡPμPīP°CḡP°C,Cḡ PīCḡPē PīPsC¶PIC- Cḡ PīP°C†C-C”PSC,P° PsP·PSP°Pe C†Pē
CḡPēPjPīC,PsPjC-PI PīC-P·PSCḡPsC— PrPēCḡPeC-PSPμP·C-C—. P— C†P°CḡPsPj C†C-
CḡPēPjPīC,PsPjPē PjPsP¶CḡC,CH PīPsCḡPēP»CḡPIP°C,PēCḡC¶ P°P±Ps PSP°PIC-C,CH
P·Bḡ™ C¶PIP»C¶C,PēCḡC¶ PīC-CḡP»C¶ PīCḡPēPīPēPSPμPSPSC¶ P»C-PeCḡPIP°PSPSC¶.

PhCḡC,PsCḡC,P°C,PēC†PSP° PīC-PīPsC,PμPSP·C-C¶. PkPμC†P°CḡC,Ps
PīPsPIC-PrPsPjP»C¶P»PsCḡC¶ PīCḡPs PIPēPīP°PrPePē PsCḡC,PsCḡC,P°C,PēC†PSPsC—
PīC-PīPsC,PμPSP·C-C— Cḡ PīP°C†C-C”PSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ PI PīCḡPsC†PμCḡC-
PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSCḡ. PμC-Pr C†P°Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSC¶
PsP»P°PSP·P°PīC-PSCř CḡPμPePsPjPμPSPḡCḡC,CḡCḡC¶ PīPμCḡC-PsPrPēC†PSPμ
PIPēPjC-CḡCḡPIP°PSPSC¶ P°CḡC,PμCḡC-P°P»CHPSPsPiPs C,PēCḡPeCḡ PīP°C†C-C”PSC,P°Pj
PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI.B

P P°PīC,PsPIP° P·CḡPīPēPSPeP° CḡPμCḡC†C¶. PJ PīPsCḡC,PjP°CḡPePμC,PēPSPiPsPIPēC...
P·PIC-C,P°C... PīPsPIC-PrPsPjP»C¶P»PsCḡC¶ PīCḡPs PIPēPīP°PrPePē CḡP°PīC,PsPIPsC—
CḡPμCḡC†PμPIPsC— CḡPjPμCḡC,C- PīP°C†C-C”PSC,C-PI, C¶PeC- PīCḡPēPNēPjP°P»Pē
PsP»P°PSP·P°PīC-PS. P’C-PrPīPsPIC-PrPSPs PrPs CḡPμC,CḡPsCḡPīPμPeC,PēPIPSPsPiPs
PsP±CḡPμCḡPIP°C†C-PNēPSPsPiPs PePsPiPsCḡC,PSPsPiPs PrPsCḡP»C-PrP¶PμPSPSC¶,
CḡPēP·PēPe CḡP°PīC,PsPIPsC— CḡPμCḡC†PμPIPsC— CḡPjPμCḡC,C- Cḡ PīP°C†C-C”PSC,C-PI,
C¶PeC- P·P°CḡC,PsCḡPsPICḡPIP°P»Pē PsP»P°PSP·P°PīC-PS, PīC-PrPIPēC%CḡPIP°PICḡC¶
PjP°PNēP¶Pμ PIPḡPIC-C†C-, PīPsCḡC-PIPSC¶PSPs P· PīP°C†C-C”PSC,P°PjPē, C¶PeC- PSPμ
P·P°CḡC,PsCḡPsPICḡPIP°P»Pē P°PSC,PēPīCḡPēC...PsC,PēPePē. P PēP·PēPe PīCḡPē
P·P°CḡC,PsCḡCḡPIP°PSPSC- PsP»P°PSP·P°PīC-PSCř PIC-PrPīPsPIC-PrP°C” C,P°PePsPjCḡ PīCḡPē
P·P°CḡC,PsCḡCḡPIP°PSPSC- P°C,PēPīPsPIPēC... P°PSC,PēPīCḡPēC...PsC,PēC†PSPēC...
P»C-PeP°CḡCḡCHPePēC... P·P°CḡPsP±C-PI, C%Ps P±CḡP»Pē PIPeP»CḡC†PμPSC- PrPs

PsP±bTTM C''PrPSP°PSPsPiPs P°PSP°P»C-P·Cf.

P''C-C,Pë C- PiC-PrP»C-C,PëPë

PhP»P°PSP·P°PiC-PS PSPµ CḡPµPePsPjPµPSPPrPsPIP°PSPëPNḡ PrP»Cḡ P»C-PeCfPIP°PSPSCḡ
PrC-C,PµPNḡ C,P° PiC-PrP»C-C,PëC-PI. PJ PiCḡPsC†PµCfC- PrPsCfP»C-PrPḡPµPSPSCḡ
PiP°C†C-C''PSC,C-PI PIC-PePsPj 13-17 CḡPsPeC-PI P·P°C,,C-PeCfPsPIP°PSPs CḡC-P·PSC-
PiPsP±C-C†PSC- CḡPµP°PeC†C-C—: P·P±C-P»CHCëPµPSPSCḡ PjP°CfPë C,C-P»P°, P·PjC-PSCf
PjPµC,P°P±PsP»C-C†PSPëC... PiP°CḡP°PjPµC,CḡC-PI C,P° P·P±C-P»CHCëPµPSPSCḡ
CḡC-PIPSCḡ PiCḡPsP»P°PeC,PëPSCf (PrPëPI. CḡPsP·PrC-P»Pë
B«PαP°CḡPjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PëPIPsCfC,C-B» C,P° B«PµPsP±C-C†PSC-
CḡPµP°PeC†C-C—B»).

P>P°PeC,PsP·P°. PµCḡPµPiP°CḡP°C, PjC-CfC,PëC,CH P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCḡP°C,,
C,PsPjCf PNḡPsPiPs PSPµ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë C...PIPsCḡPëPj, CḡPeC-
PjP°CḡC,CH CfPiP°PrPePsPICf PSPµPiPµCḡPµPSPsCfPëPjC-CfC,CH P»P°PeC,PsP·Pë,
PrPµC,,C-C†PëC, P»P°PeC,P°P·Pë P°P±Ps CfPëPSPPrCḡPsPj PiP»CḡPePsP·Ps-
PiP°P»P°PeC,PsP·PSPsC— PjP°P»CHP°P±CfPsCḡP±C†C-C—.

P—P°CfC,PsCfC¿PIP°PSPSCḡ C¿ PiPµCḡC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps
PiPsPrC¿PIP°PSPSCḡ PiCḡC¿PrPrCḡ.

P'P°PiC-C,PSC-CfC,CH

P'C-PrCfCfC,PSC- P°PrPµPePIP°C,PSC- C- PrPsP±CḡPµ PePsPSC,CḡPsP»CHPsPIP°PSC-
PrPsCfP»C-PrPḡPµPSPSCḡ PrC-C— PsP»P°PSP·P°PiC-PSCf PSP° PIP°PiC-C,PSPëC....
PµP°C†C-C''PSC,PëPë PiC-Pr C†P°Cf P»C-PeCfPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSPsPj
PiPsPIPëPSPSC- PiPsPIC-PrPsPjPëC,Pë CfPIPsPiPs P»C-PeP°CḡCḡ PiCḡPs
PIP°PiC-C,PSC-CfC,CH P°P±Ps PSP°PjC-Cḡ P·P°PIP°PiC-C,PSC-C,Pë. PhCfPeC-P»CHPePë
C-CfPSCfCḡC†PëPNḡ PrPsCfPIC-Pr P»C-PeCfPIP°PSPSCḡ PIP°PiC-C,PSPëC...
PsP»P°PSP·P°PiC-PSPsPj PsP±PjPµPḡPµPSPëPNḡ, PsP»P°PSP·P°PiC-PS Cf PiPµCḡC-PsPr
PIP°PiC-C,PSPsCfC,C- PSPµPsP±C...C-PrPSPs P·P°CfC,PsCfPsPICfPIP°C,Pë C,C-P»CHPePë
C,PsPrC-, PePsP»Pë PsC†C-PeCfPIP°PSC- CḡPµP·CfP»CHC,P°C,Pë
PIPëPiCḡP°PIPrPsPICfCḡC,CH PjPsPḡP»PëPIPëPNḡ CḡPëP·PëPe PrP»Cḡ PiP»PsPrP°.

PJ PSPsPIPsPSP°CḡPsPrPḡPµPSPëC..., PjP°C,PµCḡC- CḡPePëC... PiCḡPëPNḡPjP°P»Pë
P°PSC,PëPiCfPëC...PsC,PëC†PSC- P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pë (PIPeP»CḡC†P°CḡC†Pë
PsP»P°PSP·P°PiC-PS) PiCḡPsC,CḡPiPsPj P†P†P† C,CḡPëPjPµCfC,CḡCf PIP°PiC-C,PSPsCfC,C-,
C-CfPSCfC'' CḡPëP·PëPe PIPëPSPëPePSPµPSPSCḡ PiPsP±C-C†PSPëC... CḡPµP°PeC†C-PNḡ,
PIPeP»CḡC†P°CḡC†Pë PµPeCfC,CḡP°PiC-CḡP°PjC-PrPSC- PiPsCḡCfCëPµPSPSCḡ C,P°/P°P±Ps
CfPëPSPPrCḡPsPj PIC-PrPjC-PSPë, CfPëPjPiC,PsPjPë CḡPePëC... PjPsPḡCfC,CH PiC-CfP»Cḡ
PSP°CḡPsPrPḡPµPSPSCḡ P·PjC-PSCḡPIP°C,PëCfCḡ P·P° CfPëP»PsCḡ C,P°
C,CḡPëPIP°P»C-CfC,Cḡ. PµPsPIC-PrPsPjP»CḡP»PsCfCḡ PiCḡPs P°PḡPëC,P°C†C-Cḡ,
P°CḡC,PµCḡC-P°P»CHPSCf PiC-PiPµCḡC,PµPSP·C-Cḡ, P°CḡC,PµCḡC-P°P»CHPSCf
PiC-PiPsC,PµPSP·C-Cḡ, C,CḡPµPjPsCḡ, CfPsPSP»PëPIC-CfC,CH,
CḡPµCfPiC-CḡP°C,PsCḡPSPëPNḡ PrPëCfC,CḡPµCf-CfPëPSPPrCḡPsPj P°P±Ps CḡPsP·P»P°PrPë
C...P°CḡC†CfPIP°PSPSCḡ. PḡPsPjCf PSPµPsP±C...C-PrPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë
CfC,P°PS PSPsPIPsPSP°CḡPsPrPḡPµPSPëC....

PµPµCḡC-PsPr PiPsPrC¿PIP°PSPSCḡ PiCḡC¿PrPrCḡ

РµСђРё РrPsCfP»C-PrP¶PµPSPSC- P·PrPsCђPsPIPёC... P¶C-PSPsPe, C¶PeC- PiPsPrCfPIP°P»Pё
PiCђCfPrPrCђ, PsP»P°PSP·P°PiC-PS P±CfP»Ps PIPёC¶PIP»PµPSPs Cђ PiCђCfPrPSPsPjCђ
PjPsP»PsCfC-. PђPµCђPµPrPSC¶ PrPsP·P° PrP»C¶ PSPµPjPsPIP»C¶C,Pe (PjPi/PePi) P±PµP·
CђPёP·PёPeCђ PrP»C¶ PSCђPsPiPs PsCfC-PSCђPIP°P»P°CfC¶ C¶Pe 1,8 % PIC-Pr
PjP°C,РµCђPёPSCfCђPePsC— PrPsP·Pё (PjPi/PePi). РµP°CfC-C”PSC,PeP°Pj PSPµ
CђPµPePsPjPµPSPrCfC”C,CHCfC¶ PiPsPrCfPIP°C,Pe PSPµPjPsPIP»C¶C, PiCђCfPrPrCђ,
C¶PeC%oPs PIPsPSPё PiCђPёP№PjP°CђC,CH PsP»P°PSP·P°PiC-PS.

РµPµCђC,PeP»CHPSC-CfC,CH

P’PiP»PёPI PSP° C,,PµCђC,PeP»CHPSC-CfC,CH PSPµPIC-PrPsPjPёP№.

*P—PrP°C,PSC-CfC,CH PIPiP»PёPIP°C,Pe PSP° CёPIPёPrPeC-CfC,CH CђPµP°PeCfC-C— PiCђPё
PePµCђCзPIP°PSPSC- P°PIC,PsC,CђP°PSCfPiPsCђC,PsPj P°P±Ps C-PSCёPёPjPё
PjPµC...P°PSC-P·PjP°PjPё.*

P”PsCfP»C-PrP¶PµPSCђ PIPiP»PёPICђ PsP»P°PSP·P°PiC-PSCђ PSP° CёPIPёPrPeC-CfC,CH
CђPµP°PeCfC-C— PiCђPё PePµCђCfPIP°PSPSC- P°PIC,PsC,CђP°PSCfPiPsCђC,PsPj P°P±Ps
CђPsP±PsC,C- P· C-PSCёPёPjPё PjPµC...P°PSC-P·PjP°PjPё PSPµ PiCђPsPIPsPrPёP»PsCfC¶.
PhCfPeC-P»CHPePё PsP»P°PSP·P°PiC-PS PjPsP¶Pµ CfPiCђPёC¶PёPSPёC,Pe
CfPsPSP»PёPIC-CfC,CH C,P° P·P°PiP°PjPsCђPsC¶PµPSPSC¶, PiP°CfC-C”PSC,C-PI CfP»C-Pr
PiPsPiPµCђPµPrPёC,Pe PiCђPs PSPµP±PµP·PiPµPeCђ, PiPsPiBђ™ C¶P·P°PSCђ P·
PµPeCfPiP»CfP°C,P°CfC-C”Cђ PjP°CёPёPS, PIPeP»CђC¶P°CђC¶Pё
P°PIC,PsC,CђP°PSCfPiPsCђC,PSC- P·P°CfPsP±Pё.

PђPiPsCfC-P± P·P°CfC,PsCfCзPIP°PSPSC¶ C,P° PrPsP·Pё.

P”PsCђPsCfP»C-

PёPёP·PsC,,CђPµPSC-C¶. P PµPePsPjPµPSPrPsPIP°PSP° PiPsC¶P°C,PePsPIP° PrPsP·P°
PsP»P°PSP·P°PiC-PSCђ CfC,P°PSPsPIPёC,CH 10 PjPi 1 CђP°P· PSP° PrPsP±Cђ.

PµP°PSC-P°PeP°P»CHPSC- PµPiC-P·PsPrPё. P PµPePsPjPµPSPrPsPIP°PSP°B PiPsC¶P°C,PePsPIP°
PrPsP·P° PsP»P°PSP·P°PiC-PSCђ C¶Pe PjPsPSPsC,РµCђP°PiC-C— CfC,P°PSPsPIPёC,CH
15 PjPi PSP° PrPsP±Cђ P°P±Ps 10 PjPi PSP° PrPsP±Cђ PiCђPё PePsPjP±C-PSPsPIP°PSPsPjCђ
P»C-PeCfPIP°PSPSC- (PrPёPI. CђPsP·PrC-P» B«PµP°CђPjP°PePsPrPёPSP°PjC-PeP°B»).

PµCђPsC,,C-P»P°PeC,PePeP° PiPsPIC,PsCђPSPёC... PSP°PiP°PrC-PI Cз PiP°CfC-C”PSC,C-PI P·
P±C-PiPsP»C¶CђPSPёPjPё CђPsP·P»P°PrP°PjPё. P PµPePsPjPµPSPrPsPIP°PSP°
PiPsC¶P°C,PePsPIP° PrPsP·P° CfC,P°PSPsPIPёC,CH 10 PjPi PSP° PrPsP±Cђ. РµP°CfC-C”PSC,Pe P·
P±C-PiPsP»C¶CђPSPёPjPё CђPsP·P»P°PrP°PjPё, C¶PeC- PsC,CђPёPjCfPIP°P»Pё
PsP»P°PSP·P°PiC-PS PrP»C¶ P»C-PeCfPIP°PSPSC¶ PjP°PSC-P°PeP°P»CHPSPёC...
PµPiC-P·PsPrC-PI, PiCђPsPrPsPIP¶CfCђC,CH PsC,CђPёPjCfPIP°C,Pe PsP»P°PSP·P°PiC-PS Cђ
C,PsPjCђ P¶ PrPsP·CfPIP°PSPSC- C- PrP»C¶ PiCђPsC,,C-P»P°PeC,PePePё PiPsPIC,PsCђPSPёC...
PSP°PiP°PrC-PI. P—P° CђPjPsPIPё CђPsP·PIPёC,PeCђ PSPsPiPsPiPs
PjP°PSC-P°PeP°P»CHPSPsPiPs, PrPµPiCђPµCfPёPIPSsPiPs P°P±Ps P·PjC-CёP°PSPsPiPs
PµPiC-P·PsPrCђ P»C-PeCfPIP°PSPSC¶ PSPµPsP±C...C-PrPSPs PiCђPsPrPsPIP¶CfPIP°C,Pe (Cђ
CђP°P·C- PSPµPsP±C...C-PrPSPsCfC,C- PsPiC,PёPjC-P·CfPIP°PICёPё PrPsP·Cђ) CђP°P·PsPj C-P·
PiC-PrC,CђPёPjCfCђC¶PsCђ C,РµCђP°PiC-C”Cђ PrP»C¶ P»C-PeCfPIP°PSPSC¶

C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

P''C-C,Pë.

PhP»P°PSP·P°PīC-PS PSPμ CḡPμPePsPjPμPSPPrCfC''C,CHCfCḡ P·P°CfC,PsCfCPSPICfPIP°C,Pë
PrC-C,CḡPj PIC-PePsPj PrPs 18 CḡPsPeC-PI, PsCfPeC-P»CHPePë PSPμPjP°C''
PrPsCfC,P°C,PSC-C... PrP°PSPëC... C%PsPrPs P±PμP·PīPμPePë C,P° PμC,,PμPeC,PëPIPSPsCfC,C-
PNëPsPiPs P·P°CfC,PsCfCfPIP°PSPSCḡ. Pj PīCḡPsC†PμCfC-
PePsCḡPsC,PePsCfC,CḡPsPePsPIPëC... PrPsCfP»C-PrP¶PμPSCH C† PīP°C†C-C''PSC,C-PI
PīC-PrP»C-C,PePsPIPsPiPs PIC-PeC† PIC-PrP·PSP°C†P°P»PsCfCḡ P·P±C-P»CHC€PμPSPSCḡ
PjP°CfPë C,C-P»P°, P·PjC-PSPë CḡC-PIPSCḡ PīCḡPsP»P°PeC,PëPSC† C,P° P»C-PīC-PrC-PI
PīPsCḡC-PIPSCḡPSPs P· PrPsCḡPsCfP»PëPjPë (PrPëPI. CḡPsP·PrC-P»Pë
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB», B«PμPsP±C-C†PSC-
CḡPμP°PeC†C-C-B» C,P° B«PαP°CḡPjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PëPIPsCfC,C-B»).

PμPμCḡPμPrPsP·CḡPIP°PSPSCḡ.

PŸPëPjPīC,PsPjPë. P''C†P¶Pμ PīPsC€PëCḡPμPSC- (>10 % PIPëPīP°PrPeC-PI) Bḡ''
C,P°C...C-PeP°CḡPrC-Cḡ, P°P¶PëC,P°C†C-Cḡ/P°PīCḡPμCfPëPIPS-ClC,CH,
PrPëP·P°CḡC,CḡC-Cḡ, CḡC-P·PSC- PμPeCfC,CḡP°PīC-CḡP°PjC-PrPSC- ClPëPjPīC,PsPjPë C,P°
P·PSPëP¶PμPSPëPNë CḡC-PIPμPSCH C†PIC-PrPsPjPsCfC,C-, C%Ps PIP°CḡC-CḡC''C,CHCfCḡ
PIC-Pr C†PμPrP°C†C-C— PrPs PePsPjPë.

P†PSC€PëPjPë P·PSP°C†PSPëPjPë C†C†PeP»P°PrPSPμPSPSCḡPjPë PīPμCḡPμPrPsP·C†PIP°PSPSCḡ
C'' PrPμP»C-CḡC-PNë, C†C†PrPsPjPë, PePsPjP°, PjPsP¶P»PëPIC-C†C,CH PIPëPSPëPePSPμPSPSCḡ
PḡP—PŸ, PīCḡPëPīPSC-C†PμPSPSCḡ PrPëC...P°PSPSCḡ, P°C†PīC-CḡP°C†C-Cḡ,
P°CḡC,PμCḡC-P°P»CHPSP° PīC-PīPμCḡC,PμPSP·C-Cḡ P°P±Ps PīC-PīPsC,PμPSP·C-Cḡ,
C†PμCḡC†PμPIP° P°CḡPëC,PjC-Cḡ (<2 % PIPëPīP°PrPeC-PI PīPμCḡPμPrPsP·C†PIP°PSPSCḡ) C,P°
PeP°CḡPrC-PsPīC†P»CHPjPsPSP°P»CHPSPëPNë C€PsPe. P>PμC,P°P»CHPSC- PSP°C†P»C-PrPePë
PIC-PrP·PSP°C†P°P»PëCfCḡ PīCḡPë PīPsCfC,CḡPsPjC† PīPμCḡPμPrPsP·C†PIP°PSPSC- PSP°
CḡC-PIPS- 450 PjPi, P°P»Pμ P±C†P»Pë PNë PIPëPīP°PrPePë PIPëP¶PëPIP°PSPSCḡ PīC-C†P»Cḡ
PīPsCfC,CḡPsPiPs PīPμCḡPμPrPsP·C†PIP°PSPSCḡ PīC-C†P»Cḡ PīCḡPëPNëPsPjC† 2 Pi
PsP»P°PSP·P°PīC-PSC† PīPμCḡPsCḡP°P»CHPSPs.

P>C-PeCḡPIP°PSPSCḡ. PŸPīPμC†PëC,,C-C†PSPëPNë P°PSC,PëPrPsC, PsP»P°PSP·P°PīC-PSC†
PIC-PrC†C†C,PSC-PNë. PḡPμ CḡPμPePsPjPμPSPPrCfC''C,CHCfCḡ PIPëPeP»PëPeP°C,Pë
P±P»CHPIP°PSPSCḡ. P PμPePsPjPμPSPPrPsPIP°PSPs C†C,P°PSPPrP°CḡC,PSC-
PīCḡPsC†PμPrC†CḡPë PīCḡPë PīPμCḡPμPrPsP·C†PIP°PSPSC- (PSP°PīCḡPëPeP»P°Pr,
PīCḡPsPjPëPIP°PSPSCḡ C€P»C†PSPeP°, PīCḡPëPNëPsPj P°PeC,PëPIPsPIP°PSPsPiPs
PIC†PīC-P»P»Cḡ). P·C†P»Ps PIPëCḡPIP»PμPSPs, C%Ps C†C†PīC†C,PSC-PNë PīCḡPëPNëPsPj
P°PeC,PëPIPsPIP°PSPsPiPs PIC†PīC-P»P»Cḡ P·PjPμPSC€C†C'' P±C-PsPrPsCfC,C†PīPSC-C†C,CH
PsP»P°PSP·P°PīC-PSC† PīCḡPë PīPμCḡPsCḡP°P»CHPSPsPjC† PīCḡPëPNëPsPjC- PSP° 50-60 %.

P'C-PrPīPsPIC-PrPSPs PrPs PeP»C-PSC-C†PSPëC... PīCḡPsCḡPIC-PI C†P»C-Pr
PSP°P»P°PīPsPrPëC,Pë C†PëPjPīC,PsPjP°C,PëC†PSPμ P»C-PeC†PIP°PSPSCḡ C,P°
PjPsPSC-C,PsCḡPëPSPi P¶PëC,C,C''PIPs PIP°P¶P»PëPIPëC... C,,C†PSPeC†C-PNë,
PIPeP»CHC†P°CHC†Pë P»C-PeC†PIP°PSPSCḡ P°CḡC,PμCḡC-P°P»CHPSPsC—
PīC-PīPsC,PμPSP·C-C— C,P° C†PëCḡPeC†P»CḡC,PsCḡPSPsC— PSPμPrPsCfC,P°C,PSPsCfC,C-, P°

C,P°PePsP¶ PiC-PrC,ChPëPjP°PSPSC¶ PrPëC...P°PSPSC¶. PkPµ CΓP»C-Pr
P·P°CΓC,PsCΓPsPICrPIP°C,Pë PµPiC-PSPµC,,ChPëPS, PrPsPiP°PjC-PS C,P° C-PSC€C-
CΓPëPjPiP°C,PsPjC-PjPµC,PëPePë P· PrC-C”CH, C...P°ChP°PeC,PµChPSPsCH PrP»C¶ P±PµC,P°-
P°PiPsPSC-CΓC,C-PI, PsCΓPeC-P»CHPePë P±PµC,P°-CΓC,PëPjCrP»C¶C†C-C¶ PjPsP¶Pµ
PiPsCΓPëP»PëC,Pë PiChPsC¶PIPë P°ChC,PµChC-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C—.
P”P»C¶ PIPëC¶PIP»PµPSPSC¶ PjPsP¶P»PëPIPsC— P°ChPëC,PjC-C— PSPµPsP±C...C-PrPSPëPN
PjPsPSC-C,PsChPëPSPi CΓPµChC†PµPIPs-CΓCrPrPëPSPSPsC— CΓPëCΓC,PµPjPë.
P PµC,PµP»CHPSPëPN PjPµPrPëC†PSPëPN PSP°PiP»C¶IPr C,P° PjPsPSC-C,PsChPëPSPi PjP°C”
C,ChPëPIP°C,Pë PrPs PiPsPIPsPiPs PsPrCrP¶P°PSPSC¶ PiP°C†C-C”PSC,P°.

PµPsP±C-C†PSC- ChPµP°PeC†C-C—.

PµPsChPsC,PePëPN PsPiPëCΓ PiChPsC,,C-P»CH P±PµP·PiPµPePë

P”PsChPsCΓP»C-

PkP°PN C†P°CΓC,C-C€C- PiPsP±C-C†PSC- ChPµP°PeC†C-C— (CΓPiPsCΓC,PµChC-PiP°P»PëCΓC¶
C† ≥1 % PiP°C†C-C”PSC,C-PI), PiPsPiB¶™ C¶P·P°PSC- C-P· P·P°CΓC,PsCΓCrPIP°PSPSC¶Pj
PsP»P°PSP·P°PiC-PSC† PI PiChPsC†PµCΓC- PeP»C-PSC-C†PSPëC... PrPsCΓP»C-PrP¶PµPSCH:
CΓPsPSP»PëPIC-CΓC,CH, P·P±C-P»CHC€PµPSPSC¶ PjP°CΓPë C,C-P»P°,
PµPsP·PëPSPsC,,C-P»C-C¶, PiC-PrPIPëC%PµPSPSC¶ ChC-PIPsC¶ PiChPsP»P°PeC,PëPSC†,
C...PsP»PµCΓC,PµChPsP»C† (C...PsP»PµCΓC,PµChPëPSC†), PiP»CHPePsP·Pë C,P°
C,ChPëPiP»C-C†PµChPëPrC-PI C† PeChPsPIC- (PrPëPI. ChPsP·PrC-P»
B«PhCΓPsP±P»PëPIPsCΓC,C- P·P°CΓC,PsCΓCrPIP°PSPSC¶B»), PiP»CHPePsP·C†ChC-C¶,
PiC-PrPIPëC%PµPSPSC¶ P°PiPµC,PëC,C†, P·P°PiP°PjPsChPsC†PµPSPSC¶, P°PeP°C,PëP·C-C¶,
PiP°ChPeC-PSC†PsPSC-P·Pj, P»PµPN PePsPiPµPSC-C¶, PSPµPN C,ChPsPiPµPSC-C¶ (PrPëPI.
ChPsP·PrC-P» B«PhCΓPsP±P»PëPIPsCΓC,C- P·P°CΓC,PsCΓCrPIP°PSPSC¶B»),
PrPëCΓPeC-PSPµP·C-C¶, PsChC,PsCΓC,P°C,PëC†PSP° PiC-PiPsC,PµPSP·C-C¶,
P°PSC,PëC...PsP»C-PSPµChPiC-C†PSC- PµC,,PµPeC,Pë, C,ChP°PSP·PëC,PsChPSPµ
P°CΓPëPjPiC,PsPjP°C,PëC†PSPµ PiC-PrPIPëC%PµPSPSC¶ PiPµC†C-PSPePsPiPëC...
C,ChP°PSC†P°PjC-PSP°P· (PrPëPI. ChPsP·PrC-P» B«PhCΓPsP±P»PëPIPsCΓC,C-
P·P°CΓC,PsCΓCrPIP°PSPSC¶B»), PIPëCΓPëPiP°PSPSC¶, P°CΓC,PµPSC-C¶,
CΓC,PsPjP»CHPIP°PSC-CΓC,CH, PiC-PiPµChC,PµChPjC-C¶, P°ChC,ChP°P»PiC-C¶,
PiC-PrPIPëC%PµPSPSC¶ ChC-PIPsC¶ P°P»PeP°P»C-PSC,,PsCΓC,,P°C,P°P·Pë,
PiP°PjPjP°PiP»C†C,P°PjC-P»C,ChP°PSC†C,,PµChP°P·Pë, CΓPµC†PsPIPsC— PePëCΓP»PsC,Pë,
PeChPµP°C,PëPSC,,PsCΓC,,PsPeC-PSP°P·Pë C,P° PSP°P±ChC¶PePë.

PjP°P±P»PëC†PSPëPN PiPµChPµP»C-Pe PiPsP±C-C†PSPëC... ChPµP°PeC†C-PN

Pj C,P°P±P»PëC†C- PiC-PrCΓCrPjPsPIP°PSPs PsCΓPSPsPIPsC- PiPsP±C-C†PSC-
ChPµP°PeC†C-C— C,P° P»P°P±PsChP°C,PsChPSC- PrPsCΓP»C-PrP¶PµPSPSC¶,
PIPëP·PSP°C†PµPSC- C† PiChPsC†PµCΓC- PeP»C-PSC-C†PSPëC... PrPsCΓP»C-PrP¶PµPSCH C,P°
PSP° PsCΓPSPsPIC- PiPsCΓC,PjP°ChPePµC,PëPSPiPsPIPsPiPs PrPsCΓPIC-PrC†.

Pj PjPµP¶P°C... PePsP¶PSPsC— PiChCrPiPë C†P°CΓC,PsC, PiPsP±C-C†PSC- ChPµP°PeC†C-C—
PiChPµPrCΓC,P°PIP»PµPSC- PI PiPsChC¶PrPeC† P·PjPµPSC€PµPSPSC¶
CΓPµChPN PsP·PSPsCΓC,C-.

PŞP°CΓC,PsC,P° PIPëPSPëPePSPµPSPSC¶ PiPsP±C-C†PSPëC... ChPµP°PeC†C-PN
PeP»P°CΓPëC,,C-PeC†C”C,CHCΓC¶ C,P°PePëPj C†PëPSPsPj: PrCrP¶Pµ C†P°CΓC,Ps (≥1/10),

C†P°C†C,Ps (PIC-Pr ≥1/100 PrPs <1/10), PSPμC†P°C†C,Ps (PIC-Pr ≥1/1000 PrPs <1/100), C‡C-PrPePs (PIC-Pr ≥1/10000 PrPs <1/1000), PrC†P¶Pμ C‡C-PrPePs (<1/10000), C†P°C†C,PsC,P° PSPμPIC-PrPsPjP° (C†P°C†C,PsC,C† PSPμ PjPsP¶PSP° PIC†C,P°PSPsPIPeC,Pë PSP° PsC†PSPsPIC-PSP°C¶PIPIPeC... PrP°PSPëC...).

P°C†P¶Pμ C†P°C†C,Ps	P\$P°C†C,Ps	PκPμC†P°C†C,Ps	P C-PrPePs	P\$P°C†C,PsC,P° PSPμPIC-PrPsPjP°
P— P±PsPeC† C†PëC†C,PμPjPë PeC‡PsPIPsC,PIPsC‡PμPSPSC¶ C,P° P»C-PjC,,P°C,PëC†PSPsC— C†PëC†C,PμPjPë				
	P•PsP·PëPSPsC,,C-P»C-Cl¶, P»PμPñPePsPiPμPSC-Cl¶ ¹⁰ , PSPμPñC,C‡PsPiPμPSC-Cl¶ ¹⁰		PÿC‡PsPjP±PsC†PëC,PsPiPμ-PSC-Cl¶ ¹¹	
P— P±PsPeC† C-PjC†PSPSPsC— C†PëC†C,PμPjPë				
		P°C-PiPμC‡C†C†C,P»PëPIC-C†C,C‡ ¹¹		
PμPsC‡C†C€PμPSPSC¶ PsP±PjC-PSC† C‡PμC†PsPIPeC C,P° C‡PsP·P»P°PrPë C,C‡P°PIP»PμPSPSC¶				
P—P±C-P»C‡C€PμPSPSC¶ PjP°C†Pë C,C-P»P° ¹	PμC-PrPIPeC%PμPSPSC¶ C‡C-PIPSCl¶ C...PsP»PμC†C,PμC‡PëPSC ^{f2,3} , PiC-PrPIPeC%PμPSPSC¶ C‡C-PIPSCl¶ PiP»C‡PePsP·Pë ⁴ , PiC-PrPIPeC%PμPSPSC¶ C‡C-PIPSCl¶ C,C‡PëPiP»C-C†PμC‡PëPrC-PI ² , ⁵ , PiP»C‡PePsP·C†C‡C-Cl¶, PiC-PrPIPeC%PμPSPSC¶ P°PiPμC,PëC,C†	P PsP·PIPeC,PsPe P°P±Ps P·P°PiPsC†C,C‡PμPSPSC¶ PrC-P°P±PμC,C†, C‡C-PrPePs PiPsPIñ ⁷ C¶P·P°PSPsPiPs P·PePμC,PsP°C†PëPrPsP·PsPj P°P±Ps PePsPjPsC‡, PiPeP»C‡C†P°C‡C†Pë PrPμC¶PeC-P»PμC,P°P»C‡PSC-PiPePiP°PrPePë ¹¹	P°C-PiPsC,PμC‡PjC-Cl¶ ¹²	
P— P±PsPeC† PSPμC‡PIPsPIPsC— C†PëC†C,PμPjPë				
PÿPsPSP»PëPIC-C†C,C‡	P—P°PiP°PjPsC‡PsC†PμPSPSC¶, P°PeP°C,PëP·C-Cl¶ ⁶ , PiP°C‡PeC-PSC†PsPSC-P·Pj ⁶ , PrPëC†PeC-PSPμP·C-Cl¶ ⁶	P·PiC-P»PμPiC,PëC†PSC-PSP°PiP°PrPë, C%Ps P±C†P»Pë Pi P°PSP°PjPSPμP·C- P°P±Ps P±C†P»Pë PSP°C¶PIPSCl¶C,,P°PeC,PsC‡Pë C‡PëP·PëPeC† ¹¹ , PrPëC†C,PsPSC-Cl¶ (PiPeP»C‡C†PSPs P·PsPeC†P»C¶C‡PSPëPj C†PëPjPiC,PsPjPsPj) ¹¹ , PiC-P·PSC¶ PrPëC†PeC-PSPμP·C-Cl¶ ¹¹ , P°PjPSPμP·C-Cl¶ ⁷ , PrPëP·P°C‡C,C‡C-Cl¶, P·P°C—PeP°PSPSC¶ ¹¹ , C†PëPSPrC‡PsPj PiC,PsPjP»PμPSPëC... PSC-Pi ¹¹	PκPμPñC‡PsP»PμPiC,PëC†-PSPëPñ P·P»PSC¶PeC-C†PSPëPñ C†PëPSPrC‡PsPj ¹² , C†PëPSPrC‡PsPj PIC-PrPjC-PSPë ^{7,12}	
P— P±PsPeC† C†PμC‡C†PμPIPsC— C†PëC†C,PμPjPë				
		P·C‡P°PrPëPeP°C‡PrC-Cl¶, PiC‡PsP»PsPSiP°C†C-Cl¶ C-PSC,PμC‡PIP°P»C† QTc	P°PμPSC,C‡PëPeC†P»C¶C‡PSP° C,P°C...C-PeP°C‡PrC-Cl¶/C,,C-P±-C‡PëP»C¶C†C-Cl¶, C‡P°PiC,PsPiP° C†PjPμC‡C,C‡ ¹¹	
P— P±PsPeC† C†C†PrPëPSPSPsC— C†PëC†C,PμPjPë				
PκC‡C,PsC†C,P°-C,PëC†PSP° PiC-PiPsC,PμPSP·C-Cl¶ ¹⁰		PÿC‡PsPjP±PsPμPjP±PsP»C-Cl¶ (PiPeP»C‡C†P°C‡C†Pë PμPjP±PsP»C-C‡ P»PμPiPμPSPμPIPsC— P°C‡C,PμC‡C-C— C,P° PiP»PëP±PsPePëPñ PiPμPSPsP·PSPëPñ C,C‡PsPjP±PsP·)		
P— P±PsPeC† PrPëC...P°P»C‡PSPsC— C†PëC†C,PμPjPë, PsC‡PiP°PSC-Pi PiC†C†PrPSPsC— PeP»C-C,PëPë C,P° PjPμPrC-P°C†C,PëPSP°P»C‡PSC-PiPsC‡C†C€PμPSPSC¶				
		PñC‡PsPIPsC,PμC†P° P·PSPsC†P° ⁹		
P— P±PsPeC† C€P»C†PSPePsPIPs-PePëC€PePsPIPsPiPs C,C‡P°PeC,C†				
	P·PμPiPeC-, PePsC‡PsC,PePsC,C‡PePiP°P»C - P°PSC,PëC...PsP»C-PSPμC‡PiC-C†PSC- PμC,PμPeC,Pë, PiPeP»C‡C†P°C‡C†Pë P·P°PiPsC‡ C,P° C†C†C...C-C†C,C‡ C† C‡PsC,C-	P—PrC†C,C,Cl¶ P¶PëPIPsC,P° ⁹ , PiC-PiPμC‡C†PμPeC‡PμC†C-Cl¶ C†P»PëPSPë ¹¹	PμP°PSPeC‡PμP°C,PëC, ¹¹	
P— P±PsPeC† PiPμPiP°C,PsP±C-P»C-P°C‡PSPsC— C†PëC†C,PμPjPë				
	PÿC‡P°PSP·PëC,PsC‡PSPëPñ, P°C†PëPjPiC,PsPjP°C,PëC†PSPëPñ PiC-PrPñPsPj C‡C-PIPSCl¶ PiPμC†C-PSPePsPIPeC... C,C‡P°PSC†P°PjC-PSP°P·(P‡P»P‡P‡C,P° P‡C†P‡P‡), PsC†PSP±P»PëPIPs PSP° PiPsC†P°C,PëC† P»C-PeC†PiP°PSPSC¶		P°PμPiP°C,PëC, (PiPeP»C‡C†P°C‡C†Pë PiPμPiP°C,PsC†PμP»C‡P»C¶C‡PSPμ, C...PsP»PμC†C,P°C,PëC†PSPμ P°P±Ps P·PjC-C€P°PSPμ C†C€PePsPrP¶PμPSPSC¶ PiPμC†C-PSPëPë) ¹¹	
P— P±PsPeC† C€PeC-C‡Pë C,P°C—C— PiPsC...C-PrPSPëC...				
	P°C†PëPiP°PSPSC¶	P PμP°PeC†C— C†PIC-C,P»PsC†C†C,P»PëPIPsC† C,C-, P°P»PsPiPμC†C-Cl¶		PñPμPrPëPeP°PjPμPS-C,PsP·PSP° C‡PμP°PeC†C-Cl¶ P·PμPsP·PëPSPsC,,C-P»C-C°C F C,P° C†PëC†C,PμPjPSPëPjPë C†PëPjPiC,PsPjP°PjPë (DRESS)

P— P±PsPeCf PeC—CfC,PePsPIPs-Pj ¹⁰ CИP-PsPIPsC— CfPëCfC,PuPjPë C,P° CfPiPsP»CfC±PSPsC— C,PeP°PSPëPSPë			
P ₃ C ₇ C,C ₇ P°P»PiC-CИ ⁹		P P°P±PrPsPjC-PsP»C-P. ¹¹	
P— P±PsPeCf PSPëC ₇ PsPe C,P° CfP _u C±PsPIPëPrC-P»CHbPSPsC— CfPëCfC,PuPjPë			
		PkP _u C,C ₇ PëPjP°PSPSCИ CfP _u C±C-, P·P°C,C ₇ PëPjP _u P° CfP _u C±C-, CfC,C ₇ CfPrPSP _u PSP _u CfP _u C±PsPIPëPiCfCfP _u P°PSPSC И ¹¹	
P P°PiC-C,PSC-CfC,CH, PiC-CfP»CИC ₇ PsPrPsPIPëPNë C,P° PiP _u C ₇ PëPSP°C,P°P»CHbPSPëPNë PiP _u C ₇ C-PsPr			
			PÿPëPSPrC ₇ PsPj PIC-PrPjC-PSPë Cf PSPsPIPsPSP°C ₇ PsPrP _u Pµ-PSPëC...
P— P±PsPeCf C ₇ PuPiC ₇ PsPrCfPeC,PëPIPSPsC— CfPëCfC,PuPjPë C,P° PjPsP»PsC±PSPëC... P·P°P»PsP·			
	P·C ₇ PuPeC,PëP»CHbPSP° PrPëCfC,CfPSPeCfC-CИ Cf C±PsP»PsPIC-PeC-PI; P·PSPëP _u PµPSPSCИ P»C-P±C-PrPs Cf P _u C-PSPsPe C,P° C±PsP»PsPIC-PeC-PI	P ₃ PjPµPSPsC ₇ PuCИ, P·P±C-P»CHbCëPµPSPSCИ PiC ₇ CfPrPµPNë, PiP°P»P°PeC,PsC ₇ PuCИ Cf P _u C-PSPsPe, PiC-PSPµPePsPjP°CfC,C-CИ/P·P ±C-P»CHb- CëPµPSPSCИ PiC ₇ CfPrPµPNë Cf C±PsP»PsPIC-PeC-PI	P _u C ₇ C-P°PiC-P·Pj ¹²
P— P°PiP°P»CHbPSC— C ₇ PsP·P»P°PrPë C,P° PsCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPiP°PSPSCИ			
	P ₃ CfC,PµPSC-CИ, PIC,PsPjP»C ₇ PiP°PSC-CfC,CH, PSP°P±C ₇ CИPePë, PiC-C ₇ PµPeCfC-CИ ¹⁰		
P°PsCfP»C-PrP _u PµPSPSCИ			
P _u C-PrPIPëC%PµPS-PSCИ C ₇ C-PIPSCИ PiC ₇ PsP»P°PeC,PëPSCf PI PiP»P°PjC- ⁸	P _u C-PrPIPëC%PµPSPSCИ C ₇ C-PIPSCИ P°P»PeP°P»C-PS- C,,PsCfC,,P°C,P°P·Pë ¹⁰ , PiC-PrPIPëC%PµPSPSCИ PeC ₇ PµP°C,PëPSC,,PsCfC,,PsPe C-PSP°P·Pë ¹¹ , PiC-PrPIPëC%PµPSPSCИ C ₇ C-PIPSCИ PiP°PjPjP°PiP»CfC,P°PjC-P»C,C ₇ P°PSCfC,,PµC ₇ P°P·Pë ¹⁰ , PiC-PrPIPëC%PµPSPSCИ C ₇ C-PIPSCИ CfPµC±PsPIPsC— PePëCfP»PsC,Pë ¹⁰	P _u C-PrPIPëC%PµPSPSCИ P·P°PiP°P»CHbPSPsPiPs P±C-P»C-C ₇ CfP±C-PSCf	

¹ PµP»C-PSC-C±PSPs P·PSP°C±CfC%Pu P·P±C-P»CHbCëPuPSPSCИ PjP°CfPë C,C-P»P°
CfPiPsCfC,PuCfC-PiP°P»PsCfCИ PI CfCfC-C... PeP°C,PuPiPsCfC-PNë PiP°CfC-C”PSC,C-PI P·P°
P†PµPÿ (C-PSPrPuPeCf PjP°CfPë C,C-P»P°). PuC-CfP»CИ PePsCfPsC,PePsC±P°CfPSPsPiPs
P»C-PeCfPiP°PSPSCИ (CfPuCfPuPrPSCИ C,CfPëPiP°P»C-CfC,CHb CfC,P°PSPsPIPëP»P° 47
PrPSC-PI) P·P±C-P»CHbCëPuPSPSCИ PjP°CfPë C,C-P»P° PSP° ≥ 7 %
CfPiPsCfC,PuCfC-PiP°P»PsCfCИ PrCfPµ C±P°CfC,Ps (22,2 % PIPëPiP°PrPeC-PI), PSP° ≥ 15 %
CfPiPsCfC,PuCfC-PiP°P»PsCfCИ C±P°CfC,Ps
(4,2 % PIPëPiP°PrPeC-PI), PSP°B ≥ 25 % CfPiPsCfC,PuCfC-PiP°P»PsCfCИ PSPµC±P°CfC,Ps (0,8
% PIPëPiP°PrPeC-PI). Pj PiP°CfC-C”PSC,C-PI, CИPeC- PsC,CfPëPjCfPiP°P»Pë C,CfPëPiP°P»Cf
C,PuCfP°PiC-Cf (PiCfPëPSP°PNëPjPSC- PiCfPsC,CИPiPsPj 48 C,PëPµPSC-PI),
P·P±C-P»CHbCëPuPSPSCИ PjP°CfPë C,C-P»P° PSP° ≥ 7 %, ≥ 15 %, ≥ 25 %
CfPiPsCfC,PuCfC-PiP°P»PsCfCИ PrCfPµ C±P°CfC,Ps (Cf 64,4 %, 31,7 %, 12,3 %
PIPëPiP°PrPeC-PI PIC-PrPiPsPIC-PrPSPs).B

² PÿPuCfPuPrPSC- PiC-PrPIPëC%PuPSPSCИ CfC-PIPSИ P»C-PiC-PrC-PI PSP°C,C%Pu
(P·P°PiP°P»CHbPSPëPNë C...PsP»PuCfC,PuCfPsP», P»C-PiPsPiCfPsC,PuC—PSPë
PSPëP·CHbPePsC— C%C-P»CHbPSPsCfC,C- (P·PuPµP©) C- C,CfPëPiP»C-C†PuCfPëPrPë)
P±CfP»Pë P±C-P»CHbCë P·PSP°C±PSC- Cf PiP°CfC-C”PSC,C-PI, Cf CИPePëC... CfPiPsC±P°C,PeCf
PSPµ CfPiPsCfC,PuCfC-PiP°P»PsCfCИ PiPsCfCfCëPuPSCf PsP±PjC-PSCf P»C-PiC-PrC-PI.

³ PÿPiPsCfC,PuCfC-PiP°P»PsCfCИ Cf PiP°CfC-C”PSC,C-PI P· PSPsCfPjP°P»CHbPSPëPj
PiPsC±P°C,PePsPIPëPj CfC-PIPSИPj PSP°C,C%Pu (< 5,17 PjPjPsP»CHb/P»), CИPePëPNë
PiC-PrPIPëC%CfPiP°PICfCИ PrPs PIPëCfPsPePsPiPs (≥ 6,2 PjPjPsP»CHb/P»). P”CfPµ
C±P°CfC,Ps PiPsPIC-PrPsPjP»CИP»PsCfCИ PiCfPs CfP°PiC,PsPIPµ PiC-PrPIPëC%PuPSPSCИ
CfC-PIPSИ P·P°PiP°P»CHbPSPsPiPsB C...PsP»PuCfC,PuCfPsP»Cf PSP°C,C%Pu P·
PiPsC±P°C,PePsPIPsPiPs CfC-PIPSИ (≥ 5,17 - < 6,2 PjPjPsP»CHb/P») PrPs PIPëCfPsPePsPiPs
CfC-PIPSИ
(≥ 6,2 PjPjPsP»CHb/P»).

⁴ PŸPİPsCİC,PµCḡC-PİP°P»PsCİCİ Cı PİP°C†C-C”PSC,C-PI P· PSPsCḡPjP°P»CHPSPëPj PİPsC†P°C,PePsPIPëPj CḡC-PIPSPµPj PSP°C,C%oPµ (< 5,56 PjPjPsP»CH/P»), CİPePëPNë PİC-PrPIPëC%oCıPİP°PICİCİ PrPs PİPëCİPsPePsPiPs (≥ 7 PjPjPsP»CH/P»). P”CıP¶Pµ C†P°CİC,Ps PİPsPIC-PrPsPjP»CİP»PsCİCİ PİCḡPs CḡP°PİC,PsPIPµ PİC-PrPIPëC%oPµPSPSCİ CḡC-PIPSCİ PİP»CḡPePsP·Pë PSP°C,C%oPµ P· PİPsC†P°C,PePsPIPsPiPs CḡC-PIPSCİ (≥ 5,56 - < 7 PjPjPsP»CH/P») PrPs PİPëCİPsPePsPiPs CḡC-PIPSCİ (≥ 7 PjPjPsP»CH/P»).

⁵ PŸPİPsCİC,PµCḡC-PİP°P»PsCİCİ Cı PİP°C†C-C”PSC,C-PI P· PSPsCḡPjP°P»CHPSPëPj PİPsC†P°C,PePsPIPëPj CḡC-PIPSPµPj PSP°C,C%oPµ (< 1,69 PjPjPsP»CH/P»), CİPePëPNë PİC-PrPIPëC%oCıPİP°PICİCİ PrPs PİPëCİPsPePsPiPs (≥ 2,26 PjPjPsP»CH/P»). P”CıP¶Pµ C†P°CİC,Ps PİPsPIC-PrPsPjP»CİP»PsCİCİ PİCḡPs CḡP°PİC,PsPIPµ PİC-PrPIPëC%oPµPSPSCİ CḡC-PIPSCİ C,CḡPëPİP»C-C†PµCḡPëPrC-PI PSP°C,C%oPµ P· PİPsC†P°C,PePsPIPsPiPs CḡC-PIPSCİ (≥ 1,69 - < 2,26 PjPjPsP»CH/P») PrPs PİPëCİPsPePsPiPs CḡC-PIPSCİ (≥ 2,26 PjPjPsP»CH/P»).

⁶ PµC-Pr C†P°Cİ PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSCḡ C†P°CİC,PsC,P° PİPëPSPëPePSPµPSPSCİ PİP°CḡPeC-PSCİPsPSC-P·PjCı C- PrPëCİC,PsPSC-C— Cı PİP°C†C-C”PSC,C-PI, CİPeC- P·P°CİC,PsCİPsPICıPİP°P»Pë PsP»P°PSP·P°PİC-PS, P±CıP»P° PİPëC%oP°, PSC-P¶ Cı PİCḡPsC†PµCİC- PrPsCİP»C-PrP¶PµPSCḡ PİP»P°C†PµP±Ps, P°P»Pµ PeP»C-PSC-C†PSPs PSPµP·PSP°C†PSPs. PŞP°CİC,PsC,P° PİPëPSPëPePSPµPSPSCİ PİP°CḡPeC-PSCİPsPSC-P·PjCı, P°PeP°C,PëP·C-C— C,P° PrPëCİC,PsPSC-C— Cı PİP°C†C-C”PSC,C-PI, CİPeC- P·P°CİC,PsCİPsPICıPİP°P»Pë PsP»P°PSP·P°PİC-PS, P±CıP»P° PSPëP¶C†P°, PSC-P¶ PİCḡPë P·P°CİC,PsCİCıPİP°PSPSC- C,PëC,CḡPsPIP°PSPëC... PrPsP· PİP°P»PsPİPµCḡPëPrPsP»Cı. PŞPµCḡPµP· PIC-PrCİCıC,PSC-CİC,CH C-PSC,,PsCḡPjP°C†C-C— PİCḡPs PSP°CİPIPSC-CİC,CH PI P°PSP°PjPSPµP·C- PİPsCİC,CḡPëC... P°P±Ps PİC-P·PSC-C... PµPeCİC,CḡP°PİC-CḡP°PjC-PrP°P»CHPSPëC... CḡCıC...PsPIPëC... PİPsCḡCıC€PµPSCḡ PSPµ PjPsP¶PSP° PICİC,P°PSPsPIPëC,Pë, C%oPs PsP»P°PSP·P°PİC-PS PjPµPSC€Pµ CıPİCḡPëC†PëPSCİC” PİC-P·PSCḡ PrPëCİPeC-PSPµP·C-Cḡ C,P°/P°P±Ps C-PSC€C- PİC-P·PSC- PµPeCİC,CḡP°PİC-CḡP°PjC-PrP°P»CHPSC- CıPëPSPrCḡPsPjPë.

⁷ Pj PİPëPİP°PrPeCı CḡP°PİC,PsPIPsPiPs PİCḡPëPİPëPSPµPSPSCİ C,PµCḡP°PİC-C— PsP»P°PSP·P°PİC-PSPsPj PİPsPIC-PrPsPjP»CİP»PsCİCİ PİCḡPs PİPsCİC,CḡC- CıPëPjPİC,PsPjPë: PİC-PrPIPëC%oPµPSPµ PİPsC,PsPIPëPrC-P»PµPSPSCİ, P±PµP·CıPsPSPSCİ, C,CḡPµPjPsCḡ, PIC-PrC†CıC,C,Cİ CİC,CḡP°C...Cı, PSCıPrPsC,Cı C- P±P»CḡPIP°PSPSCİ.

⁸ Pj PİCḡPsC†PµCİC- PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSCḡ (PrPs 12 C,PëP¶PSC-PI) PİPëP·PSP°C†PµPSPs, C%oPs PePsPSC†PµPSC,CḡP°C†C-Cİ PİCḡPsP»P°PeC,PëPSCı Cı PİP»P°P·PjC- PeCḡPsPIC- PİPµCḡPµPIPëC%oCıPİP°P»P° PİPµCḡC...PSC-PNë P»C-PjC-C, PSPsCḡPjPë Cı 30 % PİP°C†C-C”PSC,C-PI, CİPeC- P·P°CİC,PsCİPsPICıPİP°P»Pë PsP»P°PSP·P°PİC-PS, C,P° PI CİPePëC... PePsPSC†PµPSC,CḡP°C†C-Cİ PİCḡPsP»P°PeC,PëPSCı PSP° PİPsC†P°C,PeCı PrPsCİP»C-PrP¶PµPSPSCİ PIC-PrPİPsPIC-PrP°P»P° PSPsCḡPjC-. Pj P±C-P»CHC€PsCİC,C- PİP°C†C-C”PSC,C-PI C,P°PePµ PİC-PrPIPëC%oPµPSPSCİ P±CıP»Ps PİPsPjC-CḡPSPëPj C- P·P°P»PëC€P°P»PsCİCİ PI PjPµP¶P°C... P·PSP°C†PµPSCḡ, Cı PrPIP° CḡP°P·Pë PSPëP¶C†PëC... PIC-Pr PİPµCḡC...PSCḡPsPiPs CḡC-PIPSCİ PSPsCḡPjPë.

⁹ PµPsP±C-C†PSC- CḡPµP°PeC†C-C— PİPëP·PSP°C†PµPSPs PI CḡPµP·CıP»CHC,P°C,C- PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSCḡ PI C-PSC,PµPİCḡPsPIP°PSC-PNë P±P°P·C- PrP°PSPëC... PsP»P°PSP·P°PİC-PSCı.

¹⁰ PḡC†C-PSPeP° PİPëPjC-CḡCİPSPëC... P·PSP°C†PµPSCḡ PİPëP·PSP°C†PµPSP° PI CḡPµP·CıP»CHC,P°C,C- PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSCḡ PI C-PSC,PµPİCḡPsPIP°PSC-PNë P±P°P·C- PrP°PSPëC... PsP»P°PSP·P°PİC-PSCı.

¹¹ P_μPsP±C-C±PSC- C₇P_μP°PeC†C-C— PIPëP·PSP°C±P_μPSPs P·C- CÍP_iPsPSC,P°PSPSPëC...
P_iPsCÍC,PjP°C₇PeP_μC,PëPSPiPsPIPëC... P·PIC-C,C-PI P· P_iP_μC₇C-PsPrPëC±PSC-CÍC,C₇, C%₀Ps
PICÍC,P°PSPsPIP»P_μPSP° PSP° PsCÍPSPsPIC- C-PSC,P_μPiC₇PsPIP°PSPsC— P±P°P·Pë
PrP°PSPëC... PsP»P°PSP·P°P_iC-PSCr.

¹² P_μPsP±C-C±PSC- C₇P_μP°PeC†C-C— PIPëP·PSP°C±P_μPSPs P·C- CÍP_iPsPSC,P°PSPSPëC...
P_iPsCÍC,PjP°C₇PeP_μC,PëPSPiPsPIPëC... P·PIC-C,C-PI P· P_iP_μC₇C-PsPrPëC±PSC-CÍC,C₇, C%₀Ps
PsC†C-PSP_μPSP° P· PIPëPePsC₇PëCÍC,P°PSPSCÍPj PrPsPIC-C₇C±PsPiPs C-PSC,P_μC₇PIP°P»CÍ PI
PIP_μC₇C...PSC₇PsPjCÍ P»C-PjC-C,C- PSPsC₇PjPë (95 %) PSP° PsCÍPSPsPIC-
C-PSC,P_μPiC₇PsPIP°PSPsC— P±P°P·Pë PrP°PSPëC... PsP»P°PSP·P°P_iC-PSCr.

P'P_iP»PëPI P_iC₇Pë PrPsPIPiPsC,C₇PëPIP°P»PsPjCé P·P°CÍC,PsCÍCéPIP°PSPSC- (PSP_μ
PjP_μPSC€P_μ 48 C,PëP¶PSC-PI). P'C-PrCÍPsC,PsPe P_iP°C†C-C"PSC,C-PI, CÍ CÍPePëC...
PIC-PrP·PSP°C±P°P»PëCÍCÍ P_iPsP±C-C±PSC- C₇P_μP°PeC†C-C— CÍ PIPëPiP»CÍPrC-
PeP»C-PSC-C±PSPs CÍCÍC,C,C"P_iPsPiPs P_iC-PrPIPëC%₀P_μPSPSCÍ PjP°CÍPë C,C-P»P°,
P·PjC-PSPë C₇C-PIPSCÍ P_iP»C₇PePsP·Pë, P·P°P_iP°P»C₇PsPiPs
C...PsP»P_μCÍC,P_μC₇PëPSCr/P·P_μPkP@/P·P_μP'P@ P°P±Ps C,C₇PëPiP»C-C†P_μC₇PëPrC-PI,
P_iPsCÍC,C-PM₀PSPs P·P±C-P»C₇C€CÍPIP°PICÍCÍ. PJ PrPsC₇PsCÍP»PëC... P_iP°C†C-C"PSC,C-PI,
CÍPeC- P·P°PeC-PSC±PëP»Pë 9-12-PjC-CÍCÍC±PSPëPM₀ PeCÍC₇CÍ C,P_μC₇P°P_iC-C—, C,P_μPjP_i
P_iC-PrPIPëC%₀P_μPSPSCÍ C₇C-PIPSCÍ P_iP»C₇PePsP·Pë PI PeC₇PsPIC- PSP°C,C%₀P_μ
CÍP_iPsPIC-P»C₇PsPëPICÍCÍ P_iC₇PëP±P»PëP·PSPs P_iC-CÍP»CÍ 6 PjC-CÍCÍC†C-PI
P»C-PeCÍPIP°PSPSCÍ.

P_μPsP±C-C±PSC- PrC-C— PrP»CÍ PsPeC₇P_μPjPëC... PiC₇CéP_iP°C... P_iP°C†C-C"PSC,C-PI.
PJ P_iC₇PsC†P_μCÍC- PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶P_μPSCH CÍ
P_iP°C†C-C"PSC,C-PI P»C-C,PSCH₇PsPiPs PIC-PeCÍ P· PrP_μPjP_μPSC†C-C"C₇
C,P_μC₇P°P_iC-CÍ PsP»P°PSP·P°P_iC-PSPsPj P±CÍP»P° P_iPsPiB₇™ CÍP·P°PSP° P·
P_iC-PrPIPëC%₀P_μPSPëPj C₇C-PIPSP_μPj P»P_μC,P°P»C₇PsPëC... PIPëP_iP°PrPeC-PI C,P°
C†P_μC₇P_μP±C₇PsPIP°CÍPeCÍP»CÍC₇PSPëPjPë P_iPsP±C-C±PSPëPjPë
C₇P_μP°PeC†C-CÍPjPë P_iPsC₇C-PIPSCÍPSPs P· C,P°PePëPjPë CÍ PiC₇CÍP_iC-
P_iP»P°C†P_μP±Ps (PrPëPI. C₇PsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»). P"CÍP¶P_μ P_iPsC€PëC₇P_μPSPëPjPë
PSP_μP±P°P¶P°PSPëPjPë P_μC,,P_μPeC,P°PjPë, P_iPsPiB₇™ CÍP·P°PSPëPj C-P·
P·P°CÍC,PsCÍCÍPIP°PSPSCÍPj PsP»P°PSP·P°P_iC-PSCr, CÍ PrP°PSPsC— PiC₇CÍP_iPë
P_iP°C†C-C"PSC,C-PI P±CÍP»Pë P_iPsC₇CÍC€P_μPSPSCÍ C...PsPrPë C,P° P_iP°PrC-PSPSCÍ.
P§P°CÍC,Ps CÍP_iPsCÍC,P_μC₇C-PiP°P»P°CÍCÍ P_iPSP_μPIPjPsPSC-CÍ,
P_iC-PrPIPëC%₀P_μPSPSCÍ C,P_μPjP_iP_μC₇P°C,CÍC₇Pë C,C-P»P°, P»P_μC,P°C₇PiC-CÍ,
P_μC₇PëC,P_μPjP°, P·PsC₇PsPIC- P_iP°P»C₇C†PëPSP°C†C-C— C,P°
PSP_μC,C₇PëPjP°PSPSCÍ CÍP_μC±C-.

PJ P_iC₇PsC†P_μCÍC- PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶P_μPSCH CÍP_μC₇P_μPr
P_iP°C†C-C"PSC,C-PI P· PjP_μPrPëPeP°PjP_μPSC,PsP·PSPs C-PSPrCÍPePsPIP°PSPëPj
(P°PiPsPSC-CÍC, PrPsP_iP°PjC-PSCr) P_iCÍPëC...PsP·PsPj, P_iPsPiB₇™ CÍP·P°PSPëPj C-P·
C...PIPsC₇PsP±PsC₇ P_μP°C₇PeC-PSCÍPsPSP°, P_iPsPiC-C₇C€P_μPSPSCÍ
P_iP°C₇PeC-PSCÍPsPSC-PICÍC₇PePsC— CÍPëPjP_iC,PsPjP°C,PëPePë C,P°
P_iP°P»C₇C†PëPSP°C†C-C— PIC-PrP·PSP°C±P°P»PsCÍCÍ PrCÍP¶P_μ C±P°CÍC,Ps, C±P°CÍC,C-C€P_μ,
PSC-P¶ CÍ PiC₇CÍP_iC- P_iP»P°C†P_μP±Ps.

PJ P_iC₇PsC†P_μCÍC- PsPrPSPsPiPs PeP»C-PSC-C±PSPsPiPs PrPsCÍP»C-PrP¶P_μPSPSCÍ CÍ
P_iP°C†C-C"PSC,C-PI C-P· P±C-P_iPsP»CÍC₇PSPsC₇ PjP°PSC-C"C₇ PI C₇P_μP·CÍP»C₇C,P°C,C-

$P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C r P I P^{\circ} P S P S C \dot{I} P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S C \dot{I} C r C r P e P s P j P \pm C - P S P^{\circ} C \dot{I} C - C - P \cdot$
 $P I P^{\circ} P \gg C H b P \dot{I} C \dot{I} P s P^{\circ} C, P s P j C \dot{I} P \dot{I} P s C \dot{I} C, P \mu C \dot{I} C - P i P^{\circ} P \gg P^{\circ} C \dot{I} C \dot{I} P S P \mu P N e C, C \dot{I} P s P i P \mu P S C - C \dot{I} 4,1 \ %;$
 $P j P s P \dot{I} P \gg P \dot{I} P s C \dot{I} P \dot{I} C \dot{I} P e C \dot{I} P e P S P s C \dot{I} P j P s P \dot{I} P \mu P \pm C r C, P \ddot{e} P \dot{I} C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{I} C$
 $C \dot{I} C - P I P S C \dot{I} C P I P^{\circ} P \gg C H b P \dot{I} C \dot{I} P s P^{\circ} C, C r C r P \dot{I} P \gg P^{\circ} P \cdot P j C - P e C \dot{I} P s P I C -.$

$P j C \dot{I} P \mu P \cdot C r P \gg C H b C, P^{\circ} C, C - P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C r P I P^{\circ} P S P S C \dot{I} C P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S C \dot{I} C r P \cdot P \gg C - C, C - C'' P j$
 $P^{\circ} P \pm P s P I P^{\circ} P \gg C H b P \dot{I} C \dot{I} P s P^{\circ} C, P s P j C \dot{I} P \dot{I} P s C \dot{I} C, P \mu C \dot{I} C - P i P^{\circ} P \gg P \ddot{e} C \dot{I} C \dot{I} (\geq 10 \ %) C, C \dot{I} P \mu P j P s C \dot{I},$
 $C \dot{I} C r C \dots C - C \dot{I} C, C H b C r C \dot{I} P s C, C -, P \cdot P \pm C - P \gg C H b C \dot{I} P \mu P S P S C \dot{I} C P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ},$
 $P \dot{I} C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{I} C P^{\circ} P \dot{I} P \mu C, P \ddot{e} C, C r. P \ddot{y} P^{\circ} P e P s P \dot{I} P \dot{I} P s P I C - P r P s P j P \gg C \dot{I} P \gg P s C \dot{I} C \dot{I} P \dot{I} C \dot{I} P s$
 $P \dot{I} P s C \dot{I} C r C \dot{I} P \mu P S P S C \dot{I} C P j P s P I P^{\circ} P \gg P \mu P S P S C \dot{I} C. P \mu C - P r C \dot{I} P^{\circ} C \dot{I} C, P \mu C \dot{I} P^{\circ} P \dot{I} C - C -$
 $P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S P s P j C r P e P s P j P \pm C - P S P^{\circ} C \dot{I} C - C - P \cdot P \gg C - C, C - C'' P j P^{\circ} P \pm P s$
 $P r P \ddot{e} P I P^{\circ} P \gg P \dot{I} C \dot{I} P s P \mu P e C \dot{I} P s P j C \dot{I} P \dot{I} P s C \dot{I} C, P \mu C \dot{I} C - P i P^{\circ} P \gg P s C \dot{I} C \dot{I} C P \cdot P \pm C - P \gg C H b C \dot{I} P \mu P S P S C \dot{I} C$
 $P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ} \geq 7 \ % P I C - P r P \dot{I} P \ddot{y} C r 17,4 \ % P \dot{I} P^{\circ} C \dot{I} C - C'' P S C, C - P I P \dot{I} C - P r C \dot{I} P^{\circ} C \dot{I}$
 $C - P S C, P \mu P S C \dot{I} P \ddot{e} P I P S P s C - C, P \mu C \dot{I} P^{\circ} P \dot{I} C - C - (P r P s 6 C, P \ddot{e} P \dot{I} P S C - P I). P'' P s P I P i P s C, C \dot{I} P \ddot{e} P I P^{\circ} P \gg P \mu$
 $P \gg C - P e C r P I P^{\circ} P S P S C \dot{I} C P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S P s P j (P r P s 12 C, P \ddot{e} P \dot{I} P S C - P I) P r P \gg C \dot{I} C$
 $P \dot{I} P s P i P \mu C \dot{I} P \mu P r P \dot{I} P \mu P S P S C \dot{I} C C \dot{I} P \mu C \dot{I} P \ddot{e} P r P \ddot{e} P I C - P I C r P \dot{I} P^{\circ} C \dot{I} C - C'' P S C, C - P I C - P \cdot$
 $P \pm C - P \dot{I} P s P \gg C \dot{I} C \dot{I} P S P \ddot{e} P j P \ddot{e} C \dot{I} P s P \cdot P \gg P^{\circ} P r P^{\circ} P j P \ddot{e} P \pm C r P \gg P s P \dot{I} P s P I b \dot{I} C \dot{I} P \cdot P^{\circ} P S P s P \cdot$
 $P \dot{I} C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{I} C P j P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ}$
 $\geq 7 \ % P I C - P r P \dot{I} P \ddot{y} C r 39,9 \ % P \dot{I} P^{\circ} C \dot{I} C - C'' P S C, C - P I.$

$P'' C - C, P \ddot{e}$

$P h P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S P S P \mu P \dot{I} P s P e P^{\circ} P \cdot P^{\circ} P S P \ddot{e} P N e P r P \gg C \dot{I} C P \gg C - P e C r P I P^{\circ} P S P S C \dot{I} C P r C - C, P \mu P N e C, P^{\circ}$
 $P \dot{I} C - P r P \gg C - C, P e C - P I P I C - P e P s P j P r P s 18 C \dot{I} P s P e C - P I. P \ddot{y} P \gg C - P S C - C \dot{I} P S P \ddot{e} C \dots$
 $P r P s C \dot{I} P \gg C - P r P \dot{I} P \mu P S C H b, C \dot{I} P e C - P \dot{I} P s C \dot{I} C - P I P S C \dot{I} P I P^{\circ} P \gg P \ddot{e} P \pm P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C r P I P^{\circ} P S P S C \dot{I} C$
 $P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S C \dot{I} C r C r P \dot{I} C - P r P \gg C - C, P e C - P I C, P^{\circ} P r P s C \dot{I} P s C \dot{I} P \gg P \ddot{e} C \dots, P S P \mu$
 $P \dot{I} C \dot{I} P s P I P s P r P \ddot{e} P \gg P \ddot{e}. P h P r P S P^{\circ} P e P r P^{\circ} P S C - P \cdot P r P s C \dot{I} P \gg C - P r P \dot{I} P \mu P S C H b P \cdot P^{\circ} C r C \dot{I} P^{\circ} C \dot{I} C, C -$
 $P \dot{I} C - P r P \gg C - C, P e C - P I P \dot{I} P s C \dot{I} C - P I P S C \dot{I} P I P^{\circ} P \gg P \ddot{e} C \dot{I} C \dot{I} C P \cdot C \dot{I} P \mu P \cdot C r P \gg C H b C, P^{\circ} C, P^{\circ} P j P \ddot{e}$
 $P r P s C \dot{I} P \gg C - P r P \dot{I} P \mu P S C H b P \cdot P^{\circ} C r C \dot{I} P^{\circ} C \dot{I} C, C - P r P s C \dot{I} P s C \dot{I} P \gg P \ddot{e} C \dots$

$P \acute{K} P \ddot{e} P \dot{I} C \dot{I} P \mu P \dot{I} P s P r P^{\circ} P S P s P \dot{I} P s P \pm C - C \dot{I} P S C - C \dot{I} P \mu P^{\circ} P e C \dot{I} C - C -, C \% P s P I P \ddot{e} P S P \ddot{e} P e P^{\circ} P \gg P \ddot{e}$
 $C \dot{I} P^{\circ} C \dot{I} C, C - C \dot{I} P \mu C r P \dot{I} C - P r P \gg C - C, P e C - P I (P I C - P e P s P j P I C - P r 13 \text{ б\ddot{I}} " 17 C \dot{I} P s P e C - P I), P S C - P \dot{I} C r$
 $P r P s C \dot{I} P s C \dot{I} P \gg P \ddot{e} C \dots, P^{\circ} P \pm P s P \dot{I} P s P \pm C - C \dot{I} P S C - C \dot{I} P \mu P^{\circ} P e C \dot{I} C - C -, C \% P s P \pm C r P \gg P \ddot{e}$
 $P I P \ddot{e} C \dot{I} P I P \gg P \mu P S C - C, C - P \gg C H b P e P \ddot{e} P \dot{I} C - P r C \dot{I} P^{\circ} C \dot{I} P e P s C \dot{I} P s C, P e P s C, C \dot{I} P \ddot{e} P I P^{\circ} P \gg P \ddot{e} C \dots$
 $P e P \gg C - P S C - C \dot{I} P S P \ddot{e} C \dots P r P s C \dot{I} P \gg C - P r P \dot{I} P \mu P S C H b C r P \dot{I} C - P r P \gg C - C, P e C - P I. P \ddot{y} P \gg C - P S C - C \dot{I} P S P s$
 $P \cdot P S P^{\circ} C \dot{I} C r C \% P \mu P \cdot P \cdot P \pm C - P \gg C H b C \dot{I} P \mu P S P S C \dot{I} C P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ} (\geq 7 \ %) C \dot{I} P^{\circ} C \dot{I} C, C - C \dot{I} P \mu$
 $C \dot{I} P \dot{I} P s C \dot{I} C, P \mu C \dot{I} C - P i P^{\circ} P \gg P s C \dot{I} C H b C r P \dot{I} C - P r P \gg C - C, P e C - P I P \dot{I} P s C \dot{I} C - P I P S C \dot{I} P S P s P \cdot$
 $P r P s C \dot{I} P s C \dot{I} P \gg P \ddot{e} P j P \ddot{e}. P \mu C - P r C \dot{I} P^{\circ} C \dot{I} P r P s P I P i P s C, C \dot{I} P \ddot{e} P I P^{\circ} P \gg P s P i P s P \gg C - P e C r P I P^{\circ} P S P S C \dot{I} C$
 $(P S P \mu P j P \mu P S C \dot{I} P \mu 24 C, P \ddot{e} P \dot{I} P S C - P I) P e P \gg C - P S C - C \dot{I} P S P s P \cdot P S P^{\circ} C \dot{I} C r C \% P \mu$
 $P \cdot P \pm C - P \gg C H b C \dot{I} P \mu P S P S C \dot{I} C P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ} P \pm C r P \gg P s P I P \ddot{e} C \% P \ddot{e} P j, P S C - P \dot{I} C - P r C \dot{I} P^{\circ} C \dot{I}$
 $P e P s C \dot{I} P s C, P e P s C, C \dot{I} P \ddot{e} P I P^{\circ} P \gg P s P i P s P \gg C - P e C r P I P^{\circ} P S P S C \dot{I} C.$

$P j P j P \mu P \dot{I} P^{\circ} C \dots P e P s P \dot{I} P S P s C - P \dot{I} C \dot{I} C r P \dot{I} P \ddot{e} C \dot{I} P^{\circ} C \dot{I} C, P s C, P \dot{I} P s P \pm C - C \dot{I} P S C - C \dot{I} P \mu P^{\circ} P e C \dot{I} C - C -$
 $P \dot{I} C \dot{I} P \mu P r C \dot{I} C, P^{\circ} P I P \gg P \mu P S C - P I P \dot{I} P s C \dot{I} C \dot{I} P r P e C r P \cdot P j P \mu P S C \dot{I} P \mu P S P S C \dot{I} C$
 $C \dot{I} P \mu C \dot{I} P N e P s P \cdot P S P s C \dot{I} C, C -. P \ddot{y} P^{\circ} C \dot{I} C, P s C, C r P \dot{I} P s P \pm C - C \dot{I} P S P \ddot{e} C \dots C \dot{I} P \mu P^{\circ} P e C \dot{I} C - P N e,$
 $P \cdot P^{\circ} P \cdot P S P^{\circ} C \dot{I} P \mu P S P \ddot{e} C \dots P S P \ddot{e} P \dot{I} C \dot{I} P \mu, P I P \ddot{e} P \cdot P S P^{\circ} C \dot{I} P^{\circ} C \dot{I} C, C H b C, P^{\circ} P e P \ddot{e} P j C \dot{I} P \ddot{e} P S P s P j: P r C r P \dot{I} P \mu$
 $C \dot{I} P^{\circ} C \dot{I} C, P s (\geq 1/10), C \dot{I} P^{\circ} C \dot{I} C, P s (\geq 1/100 \text{ б\ddot{I}} < 1/10).$

$P - P \pm P s P e C r P s P \pm P j C - P S C \dot{I} C \dot{I} P \mu C \dot{I} P s P I P \ddot{e} P s C, P^{\circ} C \dot{I} P s P \cdot P \gg P^{\circ} P r P \ddot{e} C, C \dot{I} P^{\circ} P I P \gg P \mu P S P S C \dot{I} C$

$P'' C r P \dot{I} P \mu C \dot{I} P^{\circ} C \dot{I} C, P s: P \cdot P \pm C - P \gg C H b C \dot{I} P \mu P S P S C \dot{I} C P j P^{\circ} C \dot{I} P \ddot{e} C, C - P \gg P^{\circ 13}, P \dot{I} C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{I} C$
 $C \dot{I} C - P I P S C \dot{I} C C, C \dot{I} P \ddot{e} P i P \gg C - C \dot{I} P \mu C \dot{I} P \ddot{e} P r C - P I^{14}, P \dot{I} C - P r P I P \ddot{e} C \% P \mu P S P S C \dot{I} C P^{\circ} P \dot{I} P \mu C, P \ddot{e} C, C r.$

ПШ°СГГ,Ps: ПiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ C...PsP»PμCГГ, PμЧГPëPSCГ¹⁵.

P— P±PsPeCГ PSpμЧГPIPsPIPsC— CГPëCГГ, PμPjPë

P"CrP¶Pμ C±P°CГГ,Ps: CГPμPrP°CГC-ЦЦ (CГ C,PsPjCГ C±PëCГГ»C- PiC-PiPμЧГCГPsPjPSC-ЦЦ, PjP»ЦЦPIC-CГГ,CH, CГPsPSP»PëPIC-CГГ,CH).

P— P±PsPeCГ C€P»CГPSPePsPIPs-PePëC€PePsPIPsPiPs C,ЧГP°PeC,CГ

ПШ°СГГ,Ps: CГCГC...C-CГГ,CH CГ ЧГPsC,C-.

P— P±PsPeCГ PiPμPiP°C,PsP±C-P»C-P°ЧГPSPsC— CГPëCГГ, PμPjPë

P"CrP¶Pμ C±P°CГГ,Ps: ПiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ PiPμC±C-PSPePsPIPëC... C,ЧГP°PSCГГ°PjC-PSP°P· (PђP»PђPђ C,P° PђCГPђPђ; PrPëPI. ЧГPsP·PrC-P» B«PhCГPsP±P»PëPIPsCГГ,C- P·P°CГГ,PsCГCГPIP°PSPSCЦB»).

P"PsCГГ»C-PrP¶PμPSPSCЦ

P"CrP¶Pμ C±P°CГГ,Ps: P·PSPëP¶PμPSPSCЦ ЧГC-PIPSCЦ P·P°PiP°P»CHPSPsPiPs P±C-P»C-ЧГCГP±C-PSCГ, ПiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ PiP°PjPjP°PiP»CГГ,P°PjC-P»C,ЧГP°PSCГГ,,PμЧГP°P·Pë, ПiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ PiCГPsP»P°PeC,PëPSCГ CГ PiP»P°P·PjC- PeЧГPsPIC-¹⁶.

¹³ PμC-CГГ»CЦ PePsЧГPsC,PePsC±P°CГPSPsPiPs P»C-PeCГPIP°PSPSCЦ (CГPμЧГPμPrPSCЦ C,ЧГPëPIP°P»C-CГГ,CH CГГ,P°PSPsPIPëP»P° 22 PrPSC-) P·P±C-P»CHC€PμPSPSCЦ PjP°CГPë C,C-P»P° PSP° ≥ 7 % CГPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ PrCГP¶Pμ C±P°CГГ,Ps (40,6 % PIPëPiP°PrPeC-PI), PSP° ≥ 15 % CГPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ C±P°CГГ,Ps (7,1 % PIPëPiP°PrPeC-PI) C,P° PSP° ≥ 25 % CГPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ CГ 2,5 % PIPëPiP°PrPeC-PI. PμC-Pr C±P°CГ PrPsPIPiPsC,ЧГPëPIP°P»PsPiPs P»C-PeCГPIP°PSPSCЦ (PSPμ PjPμPSC€Pμ 24 C,PëP¶PSC-PI) CГ 89,4 % PiP°CГC-C"PSC,C-PI CГPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ P·P±C-P»CHC€PμPSPSCЦ PjP°CГPë C,C-P»P° PSP° ≥ 7 %, CГ 55,3 % Bђ" PSP° ≥ 15 % C,P° CГ 29,1 % Bђ" PSP° ≥ 25 %.

¹⁴ PђPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ CГ PiP°CГC-C"PSC,C-PI P·PSPsЧГPjP°P»CHPSPëPj PiPsC±P°C,PePsPIPëPj ЧГC-PIPSPμPj PSP°C,C%Pμ (< 1,016 PjPjPsP»CH/P»), ЦЦPePëP№ PiC-PrPIPëC%CГPIP°PICГЦЦ PrPs PIPëCГPsPePsPiPs (≥ 1,467 PjPjPsP»CH/P»), C,P° ЧГC-P·PePμ PiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ C,ЧГPëPiP»C-CГPμЧГPëPrC-PI PSP°C,C%Pμ P·PiPsC±P°C,PePsPIPsPiPs ЧГC-PIPSCЦ (≥ 1,016 Bђ" < 1,467 PjPjPsP»CH/P») PrPs PIPëCГPsPePsPiPs ЧГC-PIPSCЦ (≥ 1,467 PjPjPsP»CH/P»).

¹⁵ ПШ°СГГ,Ps CГPiPsCГГ,PμЧГC-PiP°P»PëCГГЦ P·PjC-PSPë P·P°PiP°P»CHPSPsPiPs ЧГC-PIPSCЦ C...PsP»PμCГГ,PμЧГPëPSCГ PSP°C,C%Pμ PIC-Pr PiPsC±P°C,PePsPIPsPiPs PSPsЧГPjP°P»CHPSPsPiPs ЧГC-PIPSCЦ (< 4,39 PjPjPsP»CH/P») PrPs PIPëCГPsPePsPiPs (≥ 5,17 PjPjPsP»CH/P»). P"CrP¶Pμ C±P°CГГ,Ps PiPsPIC-PrPsPjP»ЦЦP»Pë PiCГPs ЧГC-P·PePμ PiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ P·P°PiP°P»CHPSPsPiPs C...PsP»PμCГГ,PμЧГPëPSCГ PSP°C,C%Pμ P·PiPsC±P°C,PePsPIPsPiPs ЧГC-PIPSCЦ (≥ 4,39 Bђ" < 5,17 PjPjPsP»CH/P») PrPs PIPëCГPsPePsPiPs ЧГC-PIPSCЦ (≥ 5,17 PjPjPsP»CH/P»).

¹⁶ PJ 47,4 % PiC-PrP»C-C,PeC-PI CГPiPsCГГ,PμЧГC-PiP°P»PsCГГЦ PiC-PrPIPëC%PμPSPSCЦ ЧГC-PIPSCЦ PiCГPsP»P°PeC,PëPSCГ CГ PiP»P°P·PjC- PeЧГPsPIC-.

PμPsPIC-PrPsPjP»PμPSPSCЦ PiCГPs PiPsP±C-C±PSC- ЧГPμP°PeCГC-C— PiC-CГГ»CЦ

