

P¶PµP»P°C,PëPSPsPIC- PeP°PïCíCíP»Pë (Oblong 20), C%Ps PjC-CíC,CíC,Cñ CñP°CíP»CíPSPëCíC,Cí CñC-PrPëPSCr PIC-Pr P¶PsPIC,CíPIP°C,PsPiPs PrPs P¶PsPIC,CíPIP°C,Ps-PePsCñPëC±PSPµPIPsPiPs PePsP»CHPsCñCí. PñPsP¶PSP° PeP°PïCíCíP»P° C-PrPµPSC,PëC,,C-PeCíC”C,CñCíCí P·P° PSP°PïPëCíPspj P·P»PsPiPsC,PëPïPsPj Cí PIPëPiP»CíPrC- PíC-CíPsC±PSPsPiPs PiPsPrPëPSPSPëPeP° C,P° C,PµPeCíC,PsPj B«100 mgB».

PñP°CñPjP°PePsC,PµCñP°PïPµPIC,PëC±PSP° PiCñCíPïP°.

PñPSC,PëPSPµPsPïP»P°CíC,PëC±PSC- C,P° C-PjCíPSPsPjPsPrCíP»CñCñC±C- PíCñPµPïP°CñP°C,Pë. P†PjCíPSPsCíCíPíCñPµCíPsCñPë. PñPsPr PñPÿPí L04A D01.

PñP°CñPjP°PePsP»PsPiC-C±PSC- PIP»P°CíC,PëPIPsCíC,C-.

PñP°CñPjP°PePsPrPëPSP°PjC-PeP°.

PíPëPeP»PsCíPíPsCñPëPS (PIC-PrPsPjPëPñ CíPe C†PëPeP»PsCíPíPsCñPëPS Pñ) CíPIP»CíC” CíPsP±PsCñ C†PëPeP»C-C±PSPëPñ PíPsP»C-PíPµPíC,PëPr, PrPs CíPeP»P°PrCí CíPePsPiPs PIC...PsPrCíC,Cñ 11 P°PjC-PSPsPePëCíP»PsC,. PíPëPeP»PsCíPíPsCñPëPS C” CíPëP»CHPsPSPrC-CñC±PëPj C-PjCíPSPsCíCíPíCñPµCíPëPIPsPëPj PíCñPµPïP°CñP°C,PsPj, CíPePëPñ Cí C,PIP°CñPëPS P·P±C-P»CHCëCíC” PíPµCñC-PSPr P¶PëC,C,Cí P°P»PsPiPµPSPSPëC... C,CñP°PSCíPíP»P°PSC,P°C,C-PI CëPeC-CñPë, CíPµCñC†Cí, PSPëCñPsPe, PíC-PrCëP»CíPSPePsPIPsC— P·P°P»PsP·Pë, PeC-CíC,PePsPIPsPiPs PjPsP·PeCí, C,PsSPePsPiPs PePëCëPµC±PSPëPeCí, P»PµPiPµPSCñ. PíPëPeP»PsCíPíPsCñPëPS PíCñPëPiPSC-C±CíC” CñPsP·PIPëC,PsPe CñPµP°PeC†C-Pñ PeP»C-C,PëPSPSPsPiPs C,PëPíCí, PIPeP»CñC±P°CñC±Pë C-PjCíPSC-C,PµC, C%PsPrPs P°P»PsC,CñP°PSCíPíP»P°PSC,P°C,P°, CëPeC-CñPSCr C±CíC,P»PëPIC-CíC,Cñ CíPíPsPIC-P»CHPsPµPSPsPiPs C,PëPíCí, PµPeCíPíPµCñPëPjPµPSC,P°P»CHPsPëPñ P°P»PµCñPiC-C±PSPëPñ PµPSC†PµC,,P°P»PsPjC-C”P»C-C,, P°CñC,CñPëC,, P·CíPjPsPIP»PµPSPëPñ P°Pr’CñPIP°PSC,PsPj PñCñPsPñPSPrP°, C...PIPsCñPsP±Cí B«C,CñP°PSCíPíP»P°PSC,P°C, PíCñPsC,Pë C...P°P·CíC—PSP°B» (PíPÿPñPí) C- P·P°P»PµP¶PSPµ PIC-Pr Pÿ-P»C-PjC,,PsC†PëC,C-PI CíC,PIPsCñPµPSPSCí P°PSC,PëC,C-P». PóP° PeP»C-C,PëPSPSPsPjCí CñC-PIPsC- PIC-PS PíCñPëPiPSC-C±CíC” CíC,PIPsCñPµPSPSCí C- PIPëPIC-P»CHPsPµPSPSCí P»C-PjC,,PsPeC-PSC-PI, PIPeP»CñC±P°CñC±Pë C-PSC,PµCñP»PµPñPeC-PS 2 (C,,P°PeC,PsCñ CñPsCíC,Cí Pÿ-P»C-PjC,,PsC†PëC,C-PI). PíPëPeP»PsCíPíPsCñPëPS P±P»PsPeCíC” P»C-PjC,,PsC†PëC,Pë Cí CíC,P°PSC- CíPíPsPePsCñ Cí C,,P°P·C- G₀ P°P±Ps G₁ PeP»C-C,PëPSPSPsPiPs C†PëPeP»Cí C- PíCñPëPiPSC-C±CíC” P°PSC,PëPiPµPSP·P°P»PµP¶PSPµ PIPëPIC-P»CHPsPµPSPSCí P»C-PjC,,PsPeC-PSC-PI P°PeC,PëPIPsPIP°PSPëPjPë Pÿ-P»C-PjC,,PsC†PëC,P°PjPë. P’CíC- PsC,CñPëPjP°PSC- PrP°PSC- CíPIC-PrC±P°C,Cñ PíCñPs C,Pµ, C%Ps C†PëPeP»PsCíPíPsCñPëPS PrC-C” PSP° P»C-PjC,,PsC†PëC,Pë CíPíPµC†PëC,,C-C±PSPs C- PsP±PsCñPsC,PSPs. PóP° PIC-PrPjC-PSCr PIC-Pr C†PëC,PsCíC,P°C,PëPeC-PI, PIC-PS PSPµ PíCñPëPiPSC-C±CíC” PiPµPjPsPiPsPµP· C- PSPµ PIPiP»PëPIP°C” PSP° C,,CíPSPeC†C-Cñ C,,P°PiPsC†PëC,C-PI. PµP°C†C-C”PSC,Pë, CíPeC- PsC,CñPëPjCíCñC,Cñ C†PëPeP»PsCíPíPsCñPëPS, PjPµPSCëPsCñ PjC-CñPsCñ CíC...PëP»CHPsC- PrPs C-PSC,,PµPeC†C-Pñ, PSC-P¶ PíP°C†C-C”PSC,Pë, CíPeC- PsC,CñPëPjCíCñC,Cñ C-PSCëC- C-PjCíPSPsCíCíPíCñPµCíPëPIPsC- PíCñPµPïP°CñP°C,Pë.

P’CíP»Pë PíCñPsPIPµPrPµPSC- CíCíPíC-CëPSC- PsPiPµCñP°C†C-C— P· PíPµCñPµCíP°PrPePë PeC-CíC,PePsPIPsPiPs PjPsP·PeCí C- CíPsP»C-PrPSPëC... PsCñPiP°PSC-PI Cí P»CñPrPëPSPë C-P· P·P°CíC,PsCíCíPIP°PSPSCíPj C†PëPeP»PsCíPíPsCñPëPSCr PrP»Cí

P—P°CΓC, PsCΓC r PIP°PSPSCΠ P•PePIP sC T P°P»C r^{B®} P iC T P P P•PIP sPr P P C, C H Pr P s
P iC—Pr PIP P C% P μ P S P S C Π C_{max} P S P° 59 %, P ± C—P sPr P sC Γ C, C r P i P S P sC Γ C, C— B T “
P iC T P P P ± P» P P P•P S P s P S P° 29 % P i P sC T C—P I P S C Π P S P s P• P sC T P P P iC—P S P° P» C H P S P sC T
P»C—P e P° C T C Γ C H P e P sC T C,, P sC T P j P sC T C T P P e P e P» P sC Γ P i P sC T P P P S C r. P k P° C Π I P S C— Pr P° P S C—
P I P e P° P•C r C T C, C H, C% P s P iC T P P P i P μ C T P μ C... P sPr C— P• P sC T P P P iC—P S P° P» C H P S P sC—
P»C—P e P° C T C Γ C H P e P sC— C,, P sC T P j P P C T P P e P e P» P sC Γ P i P sC T P P P S C r C r P I P P i P» C Π Pr C—
P j B TTM C Π P e P P C... P Π P μ P» P° C, P P S P s P I P P C... P e P° P iC Γ C r P» P S P° P iC T P P P N P s P j
P•P e P I P sC T P P° P»C r^{B®}, P j B TTM C Π P e C— P Π P μ P» P° C, P P S P s P I C— P e P° P iC Γ C r P» P P e,
P e P s P S C T P μ P S C, C T P° C T C— C T P P e P e P» P sC Γ P i P sC T P P P S C r P I P e C T P s P I C— C”
P i P sC T C—P I P S C Π P S P S P P P P P P C, P° P I C—Pr P i P s P I C—Pr P° C T C, C H P ± P° P Π P° P S P s P j C r
C, P μ C T P P° P i P μ P I C, P P C T P S P s P j C r Pr C—P° P i P° P•P s P S C r. P—P° C Γ C, P sC Γ C r P I P° P S P S C Π
P•P e P I P sC T P P° P»C r^{B®} P iC—Pr P I P P P C% C r C” Pr P s P•P s P I C r P»C—P S C—P N P S C—C Γ C, C H
P μ P e C Γ P i P s P•P P C T C— C T P P e P e P» P sC Γ P i P sC T P P P S C r (AUC_B). P i P μ P•P° P ± P μ P•P i P μ C T C r C”
P ± C—P» C H C P C Γ C, P° P ± C—P» C H P S P P P N P iC T P P s C,, C—P» C H P° P ± C Γ P sC T P ± C T C— P•
P j P μ P S C P P s C T P P•P° P» P μ P Π P S C—C Γ C, C T P I C—Pr P sPr P S P s C T P° C Γ P S P s P i P s P I P P P P I P° P S P S C Π
C—P Π C— P° P ± P s C T P P P e P° Pr P S P P C... C T P P C, P j C—P I P i P sC T C—P I P S C Π P S P s P•
P sC T P P P iC—P S P° P» C H P S P sC T P P»C—P e P° C T C Γ C H P e P sC T C,, P sC T P j P sC T
C T P P e P e P» P sC Γ P i P sC T P P P S C r.

P PsP·PiPsPrC-P»

PiPëPeP»PsCíPiPsCjPëPS CjPsP·PiPsPrC-P»CjC”C,CHCíCj PiPµCjPµPIP°P¶PSPs P·P°
PjPµP¶P°PjPë PeCjPsPIBj™ CjPSPsPiPs CjCíCíP»P° C-P· CíPµCjPµPrPSC-Pj PsP±Bj™ C”PjPsPj
CjPsP·PiPsPrC-P»Cí 3,5 P»/PePi. P’ PeCjPsPIC- PiCjPëP±P»PëP·PSPs 33Bj”47 %
PiCjPµPiP°CjP°C,Cí PIPëCjPIP»CjCjC,CH Cí PiP»P°P·PjC-, 4Bj”9 % – Cí
P»C-PjC,,PsCíPëC,P°C..., 5Bj”12 % – Cí PiCjP°PSCíP»PsCíPëC,P°C... C- 41Bj”58 % – PI
PµCjPëC,CjPsCíPëC,P°C.... PJ PiP»P°P·PjC- P±P»PëP·CHPePs 90 % CíPëPeP»PsCíPiPsCjPëPSCí
P·PIBj™ CjP·CíC”C,CHCíCj P· P±C-P»PeP°PjPë PiP»P°P·PjPë PeCjPsPIC-,
PSP°CíP°PjPiPµCjPµPr P· P»C-PiPsPiCjPsC,PµC—PSP°PjPë.

P’C-PsC,CjP°PSCíC,,PsCjPjP°CíC-Cj

PiPëPeP»PsCíPiPsCjPëPS PjPµC,P°P±PsP»C-P·CíC”C,CHCíCj P·
CíC,PIPsCjPµPSPSCjPj PiCjPëP±P»PëP·PSPs 15 PjPµC,P°P±PsP»C-C,C-PI.
PµPµC,P°P±PsP»C-P·Pj CíPëPeP»PsCíPiPsCjPëPSCí PIC-PrP±CíPIP°C”C,CHCíCj
PiPµCjPµPIP°P¶PSPs PI PiPµCíC-PSCíC- CíPµCjPµP· CíPëCíC,PµPjCí
CíPëC,PsC...CjPsPjC-PI P450 3A4 (CYP3A4), PsCíPSPsPIPSpëPNë CëP»CjC...
PjPµC,P°P±PsP»C-P·PjCí PIPeP»CjCíP°C” PjPsPSPs- C,P°
PrPëPiC-PrCjPsPeCíPëP»CjPIP°PSPSCj, P° C,P°PePsP¶ N-
PrPµPjPµC,PëP»CjPIP°PSPSCj. P’CíC- PIC-PrPsPjC- PjPµC,P°P±PsP»C-C,Pë
PjC-CíC,CjC,CH C-PSC,P°PeC,PSCí PiPµPiC,PëPrPSCí CíC,CjCíPeC,CíCjCí
PiPsPiPµCjPµPrPSCjPsC— CíPiPsP»CíPePë, PrPµCjPeC- PjPµC,P°P±PsP»C-C,Pë
PrPµPjPsPSCíC,CjCíCjC,CH PSPµP·PSP°CíPSCí C-PjCíPSPsCíCíPiCjPµCíPëPIPSCí
P°PeC,PëPIPS-CíC,CH, CjPeP° CíC,P°PSPsPIPëC,CH PrPs 1/10 PIC-Pr
PIPëC...C-PrPSPsC— CjPµCíPsPIPëPSPë.

P’PëPIPµPrPµPSPSCj

PiPëPeP»PsCíPiPsCjPëPS PIPëPIPsPrPëC,CHCíCj PiPµCjPµPIP°P¶PSPs P· P¶PsPICíCj.
PíPµPIPµP»PëPeP° PeC-P»CHPeC-CíC,CH CíPëPeP»PsCíPiPsCjPëPSCí PiCjPë
PiPµCjPsCjP°P»CHPSPsPjCí PiCjPëPNëPsPjC- PIPëPIPsPrPëC,CHCíCj C-P·
CíPµCíPµCj (6 % PrPsP·Pë), P»PëCëPµ 0,1 % PIPëPIPsPrPëC,CHCíCj C-P·
CíPµCíPµCj Cí PSPµP·PjC-PSPµPSPsPjCí CíC,P°PSC-.

PíCíPSCíCjC,CH P·PSP°CíPSC- CjPsP·P±C-P¶PSPsCíC,C- Cí PrP°PSPëC... C%PsPrPs
PeC-PSCíPµPIPsPiPs PiPµCjC-PsPrCí PSP°PiC-PIPIPëPIPµPrPµPSPSCj
CíPëPeP»PsCíPiPsCjPëPSCí P·P°P»PµP¶PSPs PIC-Pr P·P°CíC,PsCíPsPIP°PSPsPiPs PjPµC,PsPrCí
P°PSP°P»C-P·Cí C,P° CíC-P»CHPsPIPsPiPs PePsPSC,PëPSPiPµPSC,Cí PiPsPiCíP»CjCíC-C—.
PµC-PSCíPµPIPëPNë PiPµCjC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCj PIP°CjC-CjC” PI
PrC-P°PiP°P·PsPSC- PIC-Pr 6,3 PiPsPrPëPSPë Cí P·PrPsCjPsPIPëC...
PrPsP±CjPsPIPsP»CHCíC-PI PrPs 20,4 PiPsPrPëPSPë Cí PiP°CíC-C”PSC,C-PI P· C,CjP¶PePëPjPë
P·P°C...PIPsCjCjPIP°PSPSCjPjPë PiPµCíC-PSPePë.

PµC-PSCíPµPIPëPNë PiPµCjC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCj Cí
PiP°CíC-C”PSC,P° P· C,CjP°PSCíPiP»P°PSC,PsPIP°PSPëPjPë PSPëCjPeP°PjPë
CíC,P°PSPsPIPëC,CH PiCjPëP±P»PëP·PSPs 11 PiPsPrPëPS P· PrC-P°PiP°P·PsPSPsPj
P·PSP°CíPµPSCj 4Bj”25 PiPsPrPëPS.

PhCf'PsP±P»PëPIC- PiCfCf'PiPë PiP°C+C-C"PSC,C-PI

PuP°C+C-C"PSC,Pë P· PiPsCfCzC€PµPSPSCfPiPë C,,CzPSPeC+C-C— PSPëCfPsPe

PµPsPIC-PrPsPjP»CfP»PsCf'Cl, C%oPs C' PiP°C+C-C"PSC,C-PI C-P·
C,PµCfPjC-PSP°P»CHPSPsCf C'fC,P°PrC-C"Cf PSPëCfPePsIPsC—
PSPµPrPsCf'fC,P°C,PSPsCf'fC,C- C'fPëCf'fC,PµPjPSPëPNë PeP»C-CfPµPSCf'
P»C-PeP°CfCf'fCHPePsPiPs P·P°Cf'fPsP±C'f C'fC,P°PSPsPIPëPI PiCfPëP±P»PëP·PSPs PrPIC-
C,CfPµC,PëPSPë PIC-Pr C'fPµCfPµPrPSCfPsPiPs C'fPëCf'fC,PµPjPSPsPiPs PeP»C-CfPµPSCf'Cf
C'f PiP°C+C-C"PSC,C-PI C-P· PSPsCfPjP°P»CHPSPsCf C,,C'fPSPeC+C-C"Cf PSPëCfPsPe. P—P°
PrPsPiPsPjPsPiPsCf PrC-P°P»C-P·C'f PiPëPIPsPrPëC,CHCf'fCl PjPµPSC€Pµ 1 %
PiCfPëPNëPSCfC,PSc— PrPsP·Pë.

PuP°C+C-C"PSC,Pë P· PiPsCfCzC€PµPSPSCfPiPë C,,CzPSPeC+C-C— PiPµC+C-PSPePë

Pj PiP°C+C-C"PSC,C-PI C-P· PiPsCfCf'fC€PµPSPSCfPiPë C,,C'fPSPeC+C-C— PiPµC+C-PSPePë
PjPsP¶Pµ C'fPiPsCf'fC,PµCfC-PiP°C,PëCf'fCl PrPIPs- P°P±Ps C,CfPëCfP°P·PsPIPµ
PiC-PrPIPëC%oPµPSPSCf P·PSP°CfPµPSCf PµPeCf'fPiPsP·PëC+C-C—
CfPëPeP»PsCf'fPiPsCfPëPSCf. PµPsPIC-PrPsPjP»CfP»PsCf'fCl, C%oPs C' PiP°C+C-C"PSC,C-PI
C-P· C,CfP¶PePëPjPë P·P°C...PIPsCfCf'fPIP°PSPSCfPiPë PiPµC+C-PSPePë C,P°
PiC-PrC,PIPµCfPrP¶PµPSPëPj P±C-PsPiCf'fC-C"Cf CfPëCfPsP·PsPj PeC-PSCfPµPIPëPNë
PiPµCfC-PsPr PSP°PiC-PIIPëPIPµPrPµPSPSCf C'fC,P°PSPsPIPëPI 20,4 PiPsPrPëPSPë
(P·PSP°CfPµPSPSCf PiP°CfC-CfPIP°P»Pë PIC-Pr 10,8 PrPs 48 PiPsPrPëPS)
PiPsCfC-PIPSCfPSPs P· 7,4Бf"11 PiPsPrPëPSP°PjPë C'f P·PrPsCfPsPIPëC...
PrPsP±CfPsPIPsP»CHC+C-PI.

P"C-C,Pë

P"P°PSC- C,,P°CfPjP°PePsPeC-PSPµC,PëPePë CfPëPeP»PsCf'fPiPsCfPëPSCf PiCfPë
P·P°Cf'fC,PScf'fPiP°PSPSC- PrC-C,CfPj PrCf'fPµ PsP±PjPµP¶PµPSC-.

РъР»C-PSC-CfPSC- C...P°CfP°PeC,PµCfPëCf'fC,PëPePë.

PµPsPeP°P·P°PSPSCf.

PµPsPeP°P·P°PSPSCf PiCfPë C,CfP°PSCf'fPiP»P°PSC,P°C+C-ClC...

PjCfP°PSCf'fPiP»P°PSC,P°C+C-Cl C'fPsP»C-PrPSPëC... PsCfPiP°PSC-PI:

- P·P°PiPsP±C-PiP°PSPSCf PIC-PrC,PScfPiPSPµPSPSCf C,CfP°PSCf'fPiP»P°PSC,P°C,C-PI
C'fPsP»C-PrPSPëC... PsCfPiP°PSC-PI;

- P»C-PeCf'fPIP°PSPSCf PIC-PrC,PScfPiPSPµPSPSCf C,CfP°PSCf'fPiP»P°PSC,P°C,P° C'f
PiP°C+C-C"PSC,C-PI, ClPeC- CfP°PSC-C€Pµ PsC,CfPëPjCf'fPIP°P»Pë P»C-PeCf'fPIP°PSPSCf
C-PSC€PëPjPë C-PjCf'fPSPsCf'fPiCfPµCf'fPiPSPëPjPë PiCfPµPiP°CfP°C,P°PjPë.

PjCfP°PSCf'fPiP»P°PSC,P°C+C-Cl PeC-Cf'fC,PePsPIPsPiPs PjPsP·PeCz:

- P·P°PiPsP±C-PiP°PSPSCf PIC-PrC,PScfPiPSPµPSPSCf P°P»PsPiPµPSPSPsPiPs
C,CfP°PSCf'fPiP»P°PSC,P°C,P° PeC-Cf'fC,PePsPIPsPiPs PjPsP·PeCf'f C,P°
C,CfP°PSCf'fPiP»P°PSC,P°C,P° C'fC,PsPIP±CfCfPsPIPëC... PeP»C-C,PëPS;

- P·P°PīPsP±C-PiP°PSPSCŬ C,P° P»C-PeCíPIP°PSPSCŬ CḡPμP°PeC†C-C—
B«C,CḡP°PSCŬPīP»P°PSC,P°C, PīCḡPsC,Pē C...P°P·CŬC—PSP°B».

PμPsPeP°P·P°PSPSCŬ, PSPμ PīPsPIbḡ™ CŬP·P°PSC- P· C,CḡP°PSCŬPīP»P°PSC,P°C†C-C”Cḡ

P·PSPPrPsPiPμPSPSPēPNē CžPIPμC—C,:

- P°PeC,PēPIPSPēPNē CŬPμCḡPμPrPSC-PNē P°P±Ps P·P°PrPSC-PNē CŬPIPμC—C,, C%Ps
P·P°PiCḡPsPŬCŬC” PIC,CḡP°C,PsCḡ P·PsCḡCŬ, PSPμC-PSC,,PμPeC†C-PNēPSPsC—
PμC,C-PsP»PsPiC-C— CŬ PIPēPīP°PrPeP°C..., PePsP»Pē P°P»CHC,PμCḡPSP°C,PēPIPSPμ
P»C-PeCíPIP°PSPSCŬ PIPēCŬPIPēP»PsCŬCḡ PSPμPμC,,PμPeC,PēPIPSPēPj P°P±Ps
PSPμPīCḡPēPNēPSCŬC,PSPēPj C†PμCḡPμP· PīPsP±C-C†PSC- CḡPμP°PeC†C-C—;

- CŬPIPμC—C, PīCḡPē P·P°C...PIPSCḡCḡPIP°PSPSC- P’PμC...C†PμC,P° P· PīPsPIC,PsCḡPSPēPjPē
P·P°PiPsCŬC,CḡPμPSPSCŬPjPē P·P°PīP°P»PμPSPSCŬ C-P· P·P°P»CŬC†PμPSPSCŬPj
CŬC-C,PeC-PIPePē PsPeP° P±PμP· PSPμPICḡPsP»PsPiC-C†PSPsC— CŬPēPjPīC,PsPjP°C,PēPePē.

PkPμC,,CḡPsC,PēC†PSPēPNē CŬPēPSPPrCḡPsPj:

- CŬC,PμCḡPsC—PrPsP·P°P»PμPŬPSPēPNē P°P±Ps
CŬC,PμCḡPsC—PrPsCḡPμP·PēCŬC,PμPSC,PSPēPNē PSPμC,,CḡPsC,PēC†PSPēPNē CŬPēPSPPrCḡPsPj
PIPSP°CŬP»C-PrPsPe PjC-PSC-PjP°P»CHPSPēC... P·PjC-PS PīCḡPē PīPμCḡPIPēPSPSPsPjCŬ
PīP»PsPjPμCḡCŬP»PsPSPμC,,CḡPēC,C-, C,,PsPeP°P»CHPSPēPNē CŬPμPīPjPμPSC,P°CḡPSPēPNē
PīP»PsPjPμCḡCŬP»PsCŬPeP»PμCḡPsP· P°P±Ps PjPμPjP±CḡP°PSPsP·PSPēPNē
PīP»PsPjPμCḡCŬP»PsPSPμC,,CḡPēC,;

- C-PSPPrCŬPeC†C-CŬ P°P±Ps PīC-PrC,CḡPēPjP°PSPSCŬ CḡPμPjC-CŬC—;

- PīC-PrC,CḡPēPjP°PSPSCŬ CḡPμPjC-CŬC—, CŬPīCḡPēC†PēPSPμPSPsC—
PePsCḡC,PēPePsCŬC,PμCḡPsC—PrP°PjPē, C%Ps CŬPjPsPŬP»PēPIP»CḡC” C—C... PIC-PrPjC-PSCŬ.

P PμPIPjP°C,PsC—PrPSPēPNē P°CḡC,CḡPēC,:

- P»C-PeCíPIP°PSPSCŬ C,CŬPŬPePēC... C,,PsCḡPj P°PeC,PēPIPSPsPiPs
CḡPμPIPjP°C,PsC—PrPSPsPiPs P°CḡC,CḡPēC,CŬ.

PμCŬPsCḡC-P°P·:

- C,CŬPŬPeC- C,,PsCḡPjPē PīCŬPsCḡC-P°P·CŬ, PePsP»Pē CŬC,P°PSPPrP°CḡC,PSPμ
P»C-PeCíPIP°PSPSCŬ PIPēCŬPIPēP»PsCŬCŬ PSPμPμC,,PμPeC,PēPIPSPēPj P°P±Ps
PSPμPīCḡPēPNēPSCŬC,PSPēPj.

PḡC,PsPīC-C†PSPēPNē PrPμCḡPjP°C,PēC,:

- P»C-PeCíPIP°PSPSCŬ C,CŬPŬPePēC... C,,PsCḡPj P°C,PsPīC-C†PSPsPiPs PrPμCḡPjP°C,PēC,CŬ
PīCḡPē PSPμPsP±C...C-PrPSPsCŬC,C- CŬPēCŬC,PμPjPSPsC— C,PμCḡP°PīC-C—.

PμCḡPsC,PēPīPsPeP°P·P°PSPSCŬ.

PμC-PrPIPēC%PμPSP° C†CŬC,P»PēPIC-CŬC,CH PrPs C†PēPeP»PsCŬPīPsCḡPēPSCŬ P°P±Ps PrPs
C-PSCēPēC... PePsPjPīPsPSPμPSC,C-PI PīCḡPμPīP°CḡP°C,CŬ.

PhPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P·P»C-PeP°CḡCÍCHPePëPjPë
P·P°CÍPsP±P°PjPë, C%Ps PjC-CÍC,CÍC,CH P·PIC-CḡPsP±C-PNë P·PIPëC±P°PNëPSPëPNë
(*Hypericum perforatum*).

PhPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P·P»C-PeP°CḡCÍCHPePëPjPë
P·P°CÍPsP±P°PjPë, C%Ps C" CÍCíP±CÍC,CḡP°C,P°PjPë
PjCíP»CHC,PëP»C-PeP°CḡCÍCHPePsPiPs PµC,,P»CḡPeCÍPSPsPiPs PíPµCḡPµPSPsCÍPSPëPeP°
P·PiP»C-PePsPiCḡPsC,PµC—PSCí (Pgp) P°P±Ps PsCḡPiP°PSC-C±PSPëC... P°PSC-PsPSC-PI
C,CḡP°PSCÍPíPsCḡC,PSPëC... P±C-P»PeC-PI (PhPhPýP'), PrP»CÍ CÍPePëC...
PiC-PrPIPëC%PµPSPSCÍ PePsPSCíPµPSC,CḡP°CíC— Cí PíP»P°P·PjC- PeCḡPsPIC-
PíPsPiḡḡ™ CÍP·P°PSPµ P·CḡPsP·PIPëC,PePsPj CÍPµCḡPNëPsP·PSPëC... PíPsP±C-C±PSPëC...
CḡPµP°PeCíC-PNë C,P°/P°P±Ps PíPsP±C-C±PSPëC... CḡPµP°PeCíC-PNë, C%Ps
P·P°PiCḡPsP¶CíCḡC,CH P¶PëC,C,Cḡ, PSP°PíCḡPëPeP»P°Pr, P±PsP·PµPSC,P°PSPsPj,
PrP°P±C-PiP°C,CḡP°PSCí PµC,PµPeCÍPëP»P°C,PsPj C,P° P°P»C-CÍPeC-CḡPµPSPsPj.

PkPëCḡPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH, P·P° PIPëPSCÍC,PePsPj C...PIPsCḡPëC... P·
PSPµC,,CḡPsC,PëC±PSPëPj CÍPëPSPrCḡPsPjPsPj C,P° PíPsPjC-CḡPSPs PiC-PrPIPëC%PµPSPëPjPë
PIPëC...C-PrPSPëPjPë PePsPSCíPµPSC,CḡP°CíC-CÍPjPë PeCḡPµP°C,PëPSC-PSCí
PjP°PeCÍPëPjCíPj PrPs 200 PjPePjPsP»CH/P» Cí PrPsCḡPsCÍP»PëC... C,P° 140 PjPePjPsP»CH/P»
ḡḡ" Cí PrC-C,PµPNë. PµCḡPë PSPµC,,CḡPsC,PëC±PSPsPjCí CÍPëPSPrCḡPsPjC-
PrPsP·PIPsP»CÍC"C,CHCÍCÍC PsP±PµCḡPµP¶PSPµ P·P°CÍC,PsCÍCíPIP°PSPSCÍ Cí PrPsP·P°C...
PSPµ PIPëC%Pµ 2,5 PjPi/PePi/PrPsP±Cí, P»PëC€Pµ PI C,PsPjCí PIPëPíP°PrPeCí, PePsP»Pë
P·P°CÍC,PsCÍCíPIP°PSPSCÍ CíPëPeP»PsCÍPíPsCḡPëPSCí CÍPíCḡPëCÍC"
PSPsCḡPjP°P»C-P·P°CíC-C— PíPsPeP°P·PSPëPeC-PI PeCḡPµP°C,PëPSC-PSCí,
PiC-PrPIPëC%PµPSPëC... PIPSP°CÍP»C-PrPsPe P·P°C...PIPsCḡCḡPIP°PSPSCÍ.

**P·P·P°C" PjPsPrC-CÍ P·C-PSC€PëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P°
C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PNë.**

PIP°CḡC±PsPIC- PIP·P°C" PjPsPrC-C—

PµCḡPë CÍCíPíCíC,PSCHPsPjCí PIP¶PëPIP°PSPSC- PiCḡPµPNëPiC,,CḡCíC,C-PI P°P±Ps
PiCḡPµPNëPiC,,CḡCíC,PsPIPsPiPs CÍPsPeCí P±CíP»Ps PIPëCÍPIP»PµPSPs P·CḡPsCÍC,P°PSPSCÍ
P±C-PsPrPsCÍC,CíPíPSPsCÍC,C- CíPëPeP»PsCÍPíPsCḡPëPSCí.

P»C-PeP°CḡCÍCHPeC- PIP·P°C" PjPsPrC-C—

PkPëP¶C±Pµ P·P°P·PSP°C±PµPSC- C,C- PiCḡPµPíP°CḡP°C,Pë, PrP»CÍ CÍPePëC...
PIP·P°C" PjPsPrC-C— PrPsP±CḡPµ P·P°PrPsPeCíPjPµPSC,PsPIP°PSC- C- PIPíP°P¶P°CḡC,CHCÍCÍC
PeP»C-PSC-C±PSPs P·PSP°C±CíC%PëPjPë.

PíPe PIC-PrPsPjPs, CḡCÍPr PíCḡPµPíP°CḡP°C,C-PI P·P±C-P»CHC€CíC" P°P±Ps P·PjPµPSC€CíC"
PePsPSCíPµPSC,CḡP°CíC-Cḡ CíPëPeP»PsCÍPíPsCḡPëPSCí Cí PíP»P°P·PjC- PeCḡPsPIC- P°P±Ps
CíC-P»CHPSC-PNë PeCḡPsPIC- C€P»CÍC...PsPj C-PSPiC-P±CíPIP°PSPSCÍ P°P±Ps
C-PSPrCíPeCíC-C— PrC-C— C,,PµCḡPjPµPSC,C-PI, PsCÍPsP±P»PëPIPs CYP3A4, C%Ps
P±PµCḡCíC,CH CíC±P°CÍC,CH Cí PjPµC,P°P±PsP»C-P·PjC- CíPëPeP»PsCÍPíPsCḡPëPSCí.
PýP°PePsP¶ CíPëPeP»PsCÍPíPsCḡPëPS C" C-PSPiC-P±C-C,PsCḡPsPj CYP3A4,
PjCíP»CHC,PëP»C-PeP°CḡCÍCHPePsPiPs PµC,,P»CḡPeCÍPSPsPiPs PíPµCḡPµPSPsCÍPSPëPeP°
P·PiP»C-PePsPiCḡPsC,PµC—PSCí P°P±Ps PsCḡPiP°PSC-C±PSPëC... P°PSC-PsPSC-PI
C,CḡP°PSCÍPíPsCḡC,PSPëC... P±C-P»PeC-PI. PíPµ PjPsP¶Pµ PiC-PrPIPëC%CíPIP°C,Pë

PiP»P°P·PjPsPIC- PePsPSC†PμPSC, CḡP°C†C-C— PsPrPSPsC‡P°C†PSPs
P·P°C†C, PsC†PsPIC†PIP°PSPëC... PjPμPrPëC‡PSPëC... PiCḡPμPiP°CḡP°C, C-PI, C%Ps C”
C†C†P±C†C, CḡP°C, P°PjPë CYP3A4 C, P°/P°P±Ps C†PëC... PiPμCḡPμPSPsC†PSPëPeC-PI.

P»C-PeP°CḡC†CḡPeC- P·P°C†PsP±Pë, C%Ps P·PSPëP¶CḡCḡC, Cḡ P°P±Ps
PiC-PrPIPëC%CḡCḡC, Cḡ P±C-PsPrPsC†C, CḡPiPSC-C†C, Cḡ C†PëPeP»PsC†PiPsCḡPëPSCḡ

Pj PiP°C†C-C”PSC, C-PI PiC-C†P»C† C, CḡP°PSC†PiP»P°PSC, P°C†C-C— PSPμPsP±C...C-PrPSPs
C‡P°C†C, Ps PIPëPjC-CḡCḡPIP°C, Pë PePsPSC†PμPSC, CḡP°C†C-Cḡ C†PëPeP»PsC†PiPsCḡPëPSC†
C, P° PiCḡPë PSPμPsP±C...C-PrPSPsC†C, C- PePsCḡPμPiC†PIP°C, Pë PñPsPiPs PrPsP·C†,
PsC†PsP±P»PëPIPs PiCḡPë PiCḡPëP·PSP°C‡PμPSPSC- C‡Pë PIC-PrPjC-PSC- C†C†PjC-C†PSPëC...
P»C-PeP°CḡC†CḡPePëC... P·P°C†PsP±C-PI. Pj PiP°C†C-C”PSC, C-PI, C†PeC-
PiCḡPsC...PsPrC†C, Cḡ P»C-PeC†PIP°PSPSC† P·P° PiPsPeP°P·P°PSPSC†PjPë, PSPμ
PiPsPiḡḡ™ C†P·P°PSPëPjPë P· C, CḡP°PSC†PiP»P°PSC, P°C†C-C”Cḡ,
PIP·P°C”PjPsP·Piḡḡ™ C†P·PsPe PjC-P¶ PePsPSC†PμPSC, CḡP°C†C-C”Cḡ C† PeCḡPsPIC- C, P°
PeP»C-PSC-C‡PSPëPjPë PμC,, PμPeC, P°PjPë PjPμPSC€ PIPëPIC‡PμPSPëPñ. PμCḡPë
PsPrPSPsC‡P°C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- P»C-PeP°CḡC†CḡPePëC...
P·P°C†PsP±C-PI, C%Ps PiC-PrPIPëC%CḡCḡC, Cḡ PePsPSC†PμPSC, CḡP°C†C-Cḡ
C†PëPeP»PsC†PiPsCḡPëPSC†, P±C-P»CḡC€ PrPsC†C-P»CḡPSPëPj, PSC-P¶
PIPëPjC-CḡCḡPIP°PSPSC† CḡC-PIPSC† C† PeCḡPsPIC-, PjPsP¶Pμ P±C†C, Pë C‡P°C†C, Pμ
PiCḡPsPIPμPrPμPSPSC† PsC†C-PSPëC,, C†PSPëC†C-C— PSPëCḡPsPe C, P°
CḡPμC, PμP»CḡPSPëPñ PjPsPSC-C, PsCḡPëPSPi PiPsPiḡḡ™ C†P·P°PSPëC... C-P·
P·P°C†C, PsC†C†PIP°PSPSC†Pj C†PëPeP»PsC†PiPsCḡPëPSC† PiPsP±C-C‡PSPëC...
PμC,, PμPeC, C-PI.

PμCḡPμPiP°CḡP°C, Pë, C%Ps P·PSPëP¶CḡCḡC, Cḡ PePsPSC†PμPSC, CḡP°C†C-Cḡ
C†PëPeP»PsC†PiPsCḡPëPSCḡ

PḡC‡C-PeC†C”C, CḡC†C†, C%Ps PIC†C- C-PSPrC†PeC, PsCḡPë CYP3A4 C, P°/P°P±Ps P -
PiP»C-PePsPiCḡPsC, PμC—PSC† P±C†PrC†C, Cḡ P·PSPëP¶C†PIP°C, Pë
PePsPSC†PμPSC, CḡP°C†C-Cḡ C†PëPeP»PsC†PiPsCḡPëPSC†.

PμCḡPëPeP»P°PrPë P»C-PeP°CḡC†CḡPePëC... P·P°C†PsP±C-PI, C%Ps P·PSPëP¶C†CḡC, Cḡ
PePsPSC†PμPSC, CḡP°C†C-Cḡ C†PëPeP»PsC†PiPsCḡPëPSC†: P±P°CḡP±C-C, C†CḡP°C, Pë,
PeP°CḡP±P°PjP°P·PμPiC-PS, PsPeC†PeP°CḡP±P°P·PμPiC-PS, C,, PμPSC-C, PsC—PS,
PSP°C,, C†PëP»C-PS, C†C†P»CḡC,, P°PrPëPjC-PrPëPS (PIPSC†C, CḡC-C€PSCḡPsPIPμPSPSPs),
PsCḡP»C-C†C, P°C,, PiCḡPsP±C†PePsP», PiCḡPμPiP°CḡP°C, Pë, C%Ps PjC-C†C, C†C, Cḡ
P·PIC-CḡPsP±C-Pñ P·PIPëC‡P°PñPSPëPñ, C, PëPeP»PsPiC-PrPëPS,
C†C†P»CḡC,, C-PSPiC-CḡP°P·PsPS, C, PμCḡP±C-PSP°C,, C-PS, P±PsP·PμPSC, P°PS,
CḡPëC,, P°PjPiC-C†PëPS, PsPeC, CḡPμPsC, PëPr, C, CḡPëPjPμC, PsPiCḡPëPj
(PIPSC†C, CḡC-C€PSCḡPsPIPμPSPSPs).

PḡPμ C†P»C-Pr PsPrPSPsC‡P°C†PSPs P·P°C†C, PsC†PsPIC†PIP°C, Pë P»C-PeP°CḡC†CḡPeC-
P·P°C†PsP±Pë, C%Ps PjC-C†C, C†C, Cḡ *Hypericum perforatum* (P·PIC-CḡPsP±C-Pñ
P·PIPëC‡P°PñPSPëPñ), P· PiCḡPμPiP°CḡP°C, PsPj P·PePIPsCḡP°P»^{B®} C‡PμCḡPμP· CḡPëP·PëPe
P·PSPëP¶PμPSPSC† PePsPSC†PμPSC, CḡP°C†C-C— C†PëPeP»PsC†PiPsCḡPëPSC† C† PeCḡPsPIC-
C- C, P°PePëPj C‡PëPSPsPj ḡḡ“ P·PSPëP¶PμPSPSC† C, PμCḡP°PiPμPIC, PëC‡PSPsPiPs
PμC,, PμPeC, C†.

P PëC,, P°PjPiC-C†PëPS C” C-PSPrC†PeC, PsCḡPsPj PjPμC, P°P±PsP»C-P·PjC†
C†PëPeP»PsC†PiPsCḡPëPSC† PI PePëC€PμC‡PSPëPeC† C, P° PiPμC‡C-PSC†C-. PḡPsPjC† PiCḡPë
C†C†PjC-C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- PjPsP¶Pμ PIPëPSPëPePSC†C, Pë

PSPμPsP±C...C-PrPSC-CfC,CH Cr P·P±C-P»CHC€PμPSPSC- PrPsP·Pë
C†PëPeP»PsCfPìPsCjPëPSCr Cr
3Б҃҃“5 C҃҃P°P·C-PI.

PhPeC,C҃҃PμPsC,PëPr P·PSPëP҃҃CfC” PìPμC҃҃PsC҃҃P°P»CHPSPμ PICfPjPsPeC,CrPIP°PSPSC҃҃
C†PëPeP»PsCfPìPsCjPëPSCr, PIPSP°CfP»C-PrPsPe C†PsPiPs PjPsP҃҃Pμ
P·PSP°PrPsP±PëC,PëCfC҃҃ P·P±C-P»CHC€PμPSPSC҃҃ PrPsP·Pë C†PëPeP»PsCfPìPsCjPëPSCr
PSP° 50 % P°P±Ps PìPμC҃҃PμC...C-Pr PSP° P»C-PeP°C҃҃CfCHPeCr C,,PsC҃҃PjCr PrP»C҃҃
PIPSCfC,C҃҃C-C€PSC҃҃PsPIPμPSPSPsPiPs PIPμPrPμPSPSC҃҃.

PμC҃҃PμPìP°C҃҃P°C,Pë, C%Ps P·P±C-P»CHC€CзC҃҃C,CH PePsPSC†PμPSC,C҃҃P°C†C-CH
C†PëPeP»PsCfPìPsCjPëPSCз

PJCfC- C-PSPiC-P±C-C,PsC҃҃Pë CYP3A4 C,P°/P°P±Ps P -PiP»C-PePsPìC҃҃PsC,PμC—PSCr
PjPsP҃҃CfC,CH PìC-PrPIPëC%CrPIP°C,Pë PePsPSC†PμPSC,C҃҃P°C†C-CH
C†PëPeP»PsCfPìPsCjPëPSCr. PμC҃҃PëPeP»P°PrPë C,P°PePëC... P»C-PeP°C҃҃CfCHPePëC...
P·P°CfPsP±C-PI: C...P»PsC҃҃PsC...C-PS, PSC-PeP°C҃҃PrPëPìC-PS, PjPμC,PsPeP»PsPìC҃҃P°PjC-Pr,
PìPμC҃҃PsC҃҃P°P»CHPSC- PePsPSC,C҃҃P°C†PμPìC,PëPIPë, PjPμC,PëP»PìC҃҃PμPrPSC-P·PsP»PsPS
(PIPëCfPsPeC- PrPsP·Pë), P°P»PsPìCfC҃҃PëPSPsP», C...PsP»C-C”PIP° PePëCfP»PsC,P° C,P° C—
PìPsC...C-PrPSC-, C-PSPiC-P±C-C,PsC҃҃Pë PìC҃҃PsC,PμP°P·Pë, C-PjP°C,PëPSC-P±,
PePsP»C...C-C†PëPS, PSPμC,,P°P·PsPrPsPS.

PhPSC,PëP±C-PsC,PëPePë PìC҃҃CзPìPë PjP°PeC҃҃PsP»C-PrC-PI: PμC҃҃PëC,C҃҃PsPjC-C†PëPS
PjPsP҃҃Pμ PìC-PrPIPëC%CrPIP°C,Pë PμPeCfPìPsP·PëC†C-CH C†PëPeP»PsCfPìPsCjPëPSCr Cr
4Б҃҃“7 C҃҃P°P·C-PI, C%Ps C-PSPePsP»Pë C” PìC҃҃PëC†PëPSPsC҃҃
PSPμC,,C҃҃PsC,PsPeCfPëC†PSPsCfC,C-. PμPsPIC-PrPsPjP»C҃҃P»PsCfC҃҃, C%Ps
PeP»P°C҃҃PëC,C҃҃PsPjC-C†PëPS CrPrPIC-C†C- PìC-PrPIPëC%CrC” PμPeCfPìPsP·PëC†C-CH
C†PëPeP»PsCfPìPsCjPëPSCr. PhP·PëC,C҃҃PsPjC-C†PëPS PìC-PrPIPëC%CrC”
PePsPSC†PμPSC,C҃҃P°C†C-CH C†PëPeP»PsCfPìPsCjPëPSCr PìC҃҃PëP±P»PëP·PSPs PSP° 20 %.

PhPSC,PëP±C-PsC,PëPePë PìC҃҃CзPìPë P°P·PsP»C-PI: PePμC,PsPePsPSP°P·PsP»,
C,,P»CзPePsPSP°P·PsP», C-C,C҃҃P°PePsPSP°P·PsP» C,P° PIPsC҃҃PëPePsPSP°P·PsP» P·PrP°C,PSC-
PìC-PrPIPëC%CrPIP°C,Pë PμPeCfPìPsP·PëC†C-CH C†PëPeP»PsCfPìPsCjPëPSCr P±C-P»CHC€Pμ
PSC-P҃҃ CrPrPIC-C†C-.

PμP°PSP°P±C-PrC-PsP» (C-PSPiC-P±C-C,PsC҃҃ P-gp): P±CrP»Pë PìPsPIC-PrPsPjP»PμPSPSC҃҃
PìC҃҃Ps PìC-PrPIPëC%PμPSPSC҃҃ C҃҃C-PIPSC҃҃ C-PSC€PsPiPs C-PSPiC-P±C-C,PsC҃҃P°
PeP°P»CHC†PëPSPμPIC҃҃PëPSCr PI PeC҃҃PsPIC- PìC҃҃Pë PsPrPSPsC†P°CfPSPsPjCr
P·P°CfC,PsCfCfPIP°PSPSC- P· PeP°PSP°P±C-PrC-PsP»PsPj. PìC҃҃ PIP·P°C”PjPsPrC-C҃҃ PjPsP҃҃Pμ
PIPëPSPëPeP°C,Pë PIPSP°CfP»C-PrPsPe PìC҃҃PëPiPSC-C†PμPSPSC҃҃ PIPëC,PsPeCr
PePëC€PePsPIPsPiPs P-PiP»C-PePsPìC҃҃PsC,PμC—PSCr, C%Ps PìC҃҃PëP·PIPsPrPëC,CH PrPs
PìC-PrPIPëC%PμPSPSC҃҃ P±C-PsPrPsCfC,CrPìPSPsCfC,C- C-PSPiC-P±C-C,PsC҃҃P°
PeP°P»CHC†PëPSPμPIC҃҃PëPSCr. P҃҃P°PePëPj C†PëPSPsPj, C†PëPeP»PsCfPìPsCjPëPSC C-
PeP°PSP°P±C-PrC-PsP» CfP»C-Pr PìC҃҃PëP·PSP°C†P°C,Pë P· PsP±PμC҃҃PμP҃҃PSC-CfC,CH,
CrPIP°P҃҃PSPs PIC-PrCfC,PμP҃҃CfC҃҃Pë PSP°C҃҃PIPSC-CfC,CH PìPsP±C-C†PSPëC...
C҃҃PμP°PeC†C-PN. PJ C҃҃PμC†PëPìC-C”PSC,C-PI C,C҃҃P°PSCfPìP»P°PSC,P°C,P° C,C҃҃PμP±P°
PePsPSC,C҃҃PsP»CHPIP°C,Pë PjC-PSC-PjP°P»CHPSCr PePsPSC†PμPSC,C҃҃P°C†C-CH
C†PëPeP»PsCfPìPsCjPëPSCr PI C†C-P»CHPSC-PN PeC҃҃PsPIC- C,P° PePsC҃҃PëPìCfPIP°C,Pë P·P°
PìPsC,C҃҃PμP±Pë PrPsP·Cr C†PëPeP»PsCfPìPsCjPëPSCr. P҃҃P°PePsP҃҃ CfP»C-Pr
C҃҃PsP·PiP»C҃҃PSCrC,Pë PrPsC†C-P»CHPSC-CfC,CH PjPsPSC-C,PsC҃҃PëPSPiCr C҃҃C-PIPSC҃҃
C†PëPeP»PsCfPìPsCjPëPSCr PI PeC҃҃PsPIC- P· PIC-PrPìPsPIC-PrPSPëPj
PePsC҃҃PëPìCfPIP°PSPSC҃҃Pj PrPsP·Pë PrP»C҃҃ PìP°C†C-C”PSC,C-PI P±PμP·

C, C₇P°PSCÍPīP»P°PSC, P°C†C-C— (PrPēPI. C₇PsP·PrC-P»Pē B«PhCÍPsP±P»PēPIPsCÍC, C-
P·P°CÍC, PsCÍC†PīP°PSPSCİB» C- B«PŸPīPsCÍC-P± P·P°CÍC, PsCÍC†PīP°PSPSCİ C, P°
PrPsP·PēB»).

P'PμC₇P°PīP°PjC-P» PīC-PrPIPēC%oC†C" PePsPSC†PμPSC, C₇P°C†C-C₇
C†PēPeP»PsCÍPīPsC₇PēPSC† Pī PeC₇PsPIC- C† 2B₇"3 C₇P°P·Pē.

PhPrPSPsC†P°CÍPSPμ P·P°CÍC, PsCÍC†PīP°PSPSCİ P· C, PμP»P°PīC₇PμPIC-C₇PsPj
PīC₇PēP·PIPsPrPēP»Ps PrPs PīC-PrPIPēC%oPμPSPSCİ PSPsC₇PjP°P»C-P·PsPIP°PSPsPiPs
P·PSP°C†PμPSPSCİ PμPeCÍPīPsP·PēC†C-C— (AUC) C†PēPeP»PsCÍPīPsC₇PēPSC†
PīC₇PēP±P»PēP·PSPs C† 4,64 C₇P°P·P°.

P₇PjC-PsPrP°C₇PsPS P·PSP°C†PSPs PīC-PrPIPēC%oC†C" PePsPSC†PμPSC, C₇P°C†C-C₇
C†PēPeP»PsCÍPīPsC₇PēPSC† C† PīP»P°P·PjC- PeC₇PsPIC- PsPrPSPsC†P°CÍPSPs P·
PīC-PrPIPēC%oPμPSPSCİPj PePsPSC†PμPSC, C₇P°C†C-C— CÍPēC₇PsPIP°C, PePsPIPsPiPs
PeC₇PμP°C, PēPSC-PSC†. P"°PSP° PIP·P°C" PjPsPrC-Cİ PjPsP¶Pμ PIC-PrP±C†C, PēCÍCİ
C†PμC₇PμP· C, C₇PēPIP°P»PēPNē PīC₇PsPjC-P¶PsPe C†P°CÍC† PīC-CÍP»Cİ PIC-PrPjC-PSPē
P°PjC-PsPrP°C₇PsPSC† P·P°PIPrCİPePē PrC†P¶Pμ C, C₇PēPIP°P»PsPjC† PīPμC₇C-PsPrC†
PSP°PīC-PIIPēPIPμPrPμPSPSCİ PrP°PSPsPiPs P»C-PeP°C₇CÍCHPePsPiPs P·P°CÍPsP±C†
(P±P»PēP·CHPePs 50 PrC-P±).

P—P°C,, C-PeCÍPsPIP°PSPs, C%oPs PrP°PSP°P·PsP» PīC-PrPIPēC%oC†C"
PePsPSC†PμPSC, C₇P°C†C-C₇ C†PēPeP»PsCÍPīPsC₇PēPSC† C† PeC₇PsPIC- PīC₇PēP±P»PēP·PSPs
PSP° 50 %.

P"°PēP»C, C-P°P·PμPj (C† PrPsP·C- 90 PjPi PSP° PrPsP±C†) P·PrP°C, PSPēPNē PīC₇PēP·PIPsPrPēC, Pē
PrPs PīC-PrPIPēC%oPμPSPSCİ PīP»P°P·PjPsPIPsC— PePsPSC†PμPSC, C₇P°C†C-C—
C†PēPeP»PsCÍPīPsC₇PēPSC† PSP° 50 %.

P†PjP°C, PēPSC-P± PjPsP¶Pμ PīPsCÍPēP»C₇PIP°C, Pē PμPeCÍPīPsP·PēC†C-C₇
C†PēPeP»PsCÍPīPsC₇PēPSC† C, P° PīC-PrPIPēC%oC†PIP°C, Pē C_{max} PrP°PSPsPiPs
P»C-PeP°C₇CÍCHPePsPiPs P·P°CÍPsP±C† PīC₇PēP±P»PēP·PSPs PSP° 20 %.

PμPsPjP±C-PSP°C†C-C— P· PīC-PrPIPēC%oPμPSPēPj C₇PēP·PēPePsPj
PSPμC,, C₇PsC, PsPeCÍPēC†PSPsCÍC, C-

PkPμPsP±C...C-PrPSP° PsP±PμC₇PμP¶PSC-CÍC, CH PīC₇Pē PsPrPSPsC†P°CÍPSPsPjC†
P·P°CÍC, PsCÍC†PīP°PSPSC- C†PēPeP»PsCÍPīPsC₇PēPSC† P· C-PSC€PēPjPē
PīC₇PμPīP°C₇P°C, P°PjPē, C%oPs C†PēPSCİC, CH PSPμC,, C₇PsC, PsPeCÍPēC†PSC†
CÍPēPSPμC₇PiC-C†PSC† PrC-C₇, PSP°PīC₇PēPeP»P°Pr P· P°PjC-PSPsPiP»C-PePsP·PēPrP°PjPē
(PIPeP»C₇C†P°C₇C†Pē PīPμPSC, P°PjC-C†PēPS C, P° C, PsP±C₇P°PjC-C†PēPS),
P°PjC,, PsC, PμC₇PēC†PēPSPsPj P', C†PēPīC₇PsC,, P»PsPeCÍP°C†PēPSPsPj,
PIP°PSPePsPjC-C†PēPSPsPj, C, C₇PēPjPμC, PsPīC₇PēPjPsPj (
CÍC†P»CHC,, P°PjPμC, PsPeCÍP°P·PsP»), PīPsC...C-PrPSPēPjPē C,, C-P±C₇PsPIPsC—
PePēCÍP»PsC, Pē (PSP°PīC₇PēPeP»P°Pr, P±PμP·P°C,, C-P±C₇P°C,, C,, PμPSPsC,, C-P±C₇P°C,,),
PSPμCÍC, PμC₇PsC—PrPSPēPjPē PīC₇PsC, PēP·P°PīP°P»CHPSPēPjPē PīC₇PμPīP°C₇P°C, P°PjPē
(PkPμP—Pμ) (PIPeP»C₇C†P°C₇C†Pē PrPēPeP»PsC,, PμPSP°Pe, C-PSPrPsPjPμC, P°C†PēPS,
PSP°PīC₇PsPeCÍPμPS C, P° CÍC†P»C-PSPrP°Pe), PjPμP»C,, P°P»P°PSPsPj,
P°PSC, P°PiPsPSC-CÍC, P°PjPē PīC-CÍC, P°PjC-PSPsPIPēC... Pk₂-C₇PμC†PμPīC, PsC₇C-PI
(PSP°PīC₇PēPeP»P°Pr, C†PēPjPμC, PēPrPēPS, C₇P°PSC-C, PēPrPēPS),
PjPμC, PsC, C₇PμPeCÍP°C, PsPj, C, P°PeC₇PsP»C-PjC†CÍPsPj.

$\text{P}\mu\text{C}\eta\text{P}\ddot{\text{e}}\ \text{PsPrPSPsC}\ddagger\text{P}^\circ\text{C}\dot{\text{I}}\text{PSPsPjCr}\ \text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{C}\dot{\text{r}}\text{PIP}^\circ\text{PSPSC}-\text{P}\cdot\text{P}\gg\text{C}-\text{PeP}^\circ\text{C}\eta\text{C}\dot{\text{I}}\text{C}\text{H}\text{PeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}$
 $\text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{PsP}\pm\text{P}^\circ\text{PjP}\ddot{\text{e}},\ \text{C}\%_{\text{o}}\text{Ps}\ \text{PjPsP}\P\text{C}\dot{\text{r}}\text{C},\text{C}\text{H}\ \text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}}\ \text{PSP}\mu\text{C},,\text{C}\eta\text{PsC},\text{PsPeC}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSC}\dot{\text{r}}$
 $\text{C}\dot{\text{I}}\text{P}\ddot{\text{e}}\text{PSP}\mu\text{C}\eta\text{PiC}-\text{C}\ddagger\text{PSC}\dot{\text{r}}\ \text{PrC}-\text{C}\text{H},\ \text{PSP}\mu\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPs}\ \text{P}\ddot{\text{e}}\text{C}\eta\text{PsPIP}\text{sPrP}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}}$
 $\text{C}\eta\text{P}\mu\text{C},\text{P}\mu\text{P}\gg\text{C}\text{H}\text{PSP}\ddot{\text{e}}\text{P}\text{N}\ddot{\text{e}}\ \text{PjPsPSC}-\text{C},\text{PsC}\eta\text{P}\ddot{\text{e}}\text{PSPi}\ \text{C},,\text{C}\dot{\text{r}}\text{PSPeC}\dot{\text{I}}\text{C}-\text{C}-\text{PSP}\ddot{\text{e}}\text{C}\eta\text{PsPe}.$
 $\text{P}\mu\text{C}\eta\text{P}\ddot{\text{e}}\ \text{PIP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PePSP}\mu\text{PSPSC}-\ \text{PIP}\ddot{\text{e}}\text{C}\eta\text{P}^\circ\text{P}\P\text{P}\mu\text{PSPsPiPs}\ \text{PiPsC}\eta\text{C}\dot{\text{r}}\text{C}\text{E}\text{P}\mu\text{PSPSC}\P\text{C},,\text{C}\dot{\text{r}}\text{PSPeC}\dot{\text{I}}\text{C}-\text{C}-$
 $\text{PSP}\ddot{\text{e}}\text{C}\eta\text{PsPe}\ \text{C}\dot{\text{I}}\text{P}\gg\text{C}-\text{Pr}\ \text{P}\cdot\text{PjP}\mu\text{PSC}\text{E}\text{P}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}}\ \text{PrPsP}\cdot\text{C}\dot{\text{r}}\ \text{C}\dot{\text{I}}\text{C}\dot{\text{r}}\text{PjC}-\text{C}\dot{\text{I}}\text{PSPs}$
 $\text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{C},\text{PsC}\dot{\text{I}}\text{PsPIC}\dot{\text{r}}\text{PIP}^\circ\text{PSPsPiPs}\ \text{P}\gg\text{C}-\text{PeP}^\circ\text{C}\eta\text{C}\dot{\text{I}}\text{C}\text{H}\text{PePsPiPs}\ \text{P}\cdot\text{P}^\circ\text{C}\dot{\text{I}}\text{PsP}\pm\text{C}\dot{\text{r}}\ \text{P}^\circ\text{P}\pm\text{Ps}$
 $\text{C}\eta\text{PsP}\cdot\text{PiP}\gg\text{C}\P\text{PSC}\dot{\text{r}}\text{C},\text{P}\ddot{\text{e}}\ \text{PjPsP}\P\text{P}\gg\text{P}\ddot{\text{e}}\text{PIC}-\text{C}\dot{\text{I}}\text{C},\text{C}\text{H}\ \text{P}^\circ\text{P}\gg\text{C}\text{H}\text{C},\text{P}\mu\text{C}\eta\text{PSP}^\circ\text{C},\text{P}\ddot{\text{e}}\text{PIPSPsC}-$
 $\text{C},\text{P}\mu\text{C}\eta\text{P}^\circ\text{PiC}-\text{C}-.$

$$\frac{P'P\dot{P}P \gg P\ddot{P}PI \ P \gg C-P\epsilon P^{\circ}C\bar{H}C\dot{I}'CHBP\epsilon P\ddot{P}C \dots P \cdot P^{\circ}C\dot{I}'PsP \pm C-PI \ P\ddot{C}\bar{H}C\dot{I}PjPsC-}{P\ddot{C}\bar{H}PsC, P\ddot{P}PIC-C\bar{H}C\acute{C}\dot{I}'PSPsC- \ P\tau C-C-}$$
$$P'PiP \gg P\ddot{e}PI \ C+P\ddot{e}PeP \gg PsC\acute{I}PiPsC\grave{H}P\ddot{e}PSC\acute{z} \ PSP^{\circ} \ C-PSC\epsilon C- \ P \gg C-P\epsilon P^{\circ}C\grave{H}C\acute{I}CH_P\epsilon C- \ P \cdot P^{\circ}C\acute{I}PsP \pm P\ddot{e}$$

P—PjC—PSPë P·PSP°C‡PµPSCĤ PµPeCÍPîPsP·PëC†C—C— CëPëCĤPsPePs
P·P°CÍC,PsCÍPsPICrPIP°PSPëC... CÍC,P°C,PëPSC—PI PîCĤPë CÍCrPjC—CÍPSPsPjCr
PîCĤPëP·PSP°C‡PµPSPSC— P· C†PëPeP»PsCÍPîPsCĤPëPSPsPj CrP·P°PiP°P»CHbPSPµPSC— PI
C,P°P±P»PëC†C—. PÿPµCĤP°PiC—CĤ CÍC,P°C,PëPSP°PjPë PSPµPsP±C...C—PrPSPs
C,PëPjC‡P°CÍPsIPs PIC—PrPjC—PSPëC,Pë P°P±Ps PîCĤPëP·CrPîPëPSPëC,Pë PîP°C†C—C”PSC,P°Pj
C—P· CÍPëPjPiC,PsPjP°PjPë PjC—PsPîP°C,C—C— P°P±Ps PîP°C†C—C”PSC,P°Pj C—P·
C,,P°PeC,PsCĤP°PjPë CĤPëP·PëPeCr CĤPsP·PIPëC,PeCr C,CİP¶PëPëC... PîPsCĤCrCëPµPSCĤ
C,,CrPSPeC†C—C— PSPëCĤPsPe, PIPeP»CĤC‡P°CĤC‡Pë PIC,PsCĤPëPSPSCr PSPëCĤPePsPICr
PSPµPrPsCÍC,P°C,PSC—CÍC,CHb, C%Ps CĤPsP·PIPëPSCrP»P°CÍCİ PIPSP°CÍP»C—PrPsPe
CĤP°P±PrPsPjC—PsP»C—P·Cr.

PÿP°P±P»PëC†Cİ

PjP·P°PiP°P»CHbPSPµPSPSCİ P·PjC—PS P·PSP°C‡PµPSCĤ PµPeCÍPîPsP·PëC†C—C— CëPëCĤPsPePs
P·P°CÍC,PsCÍPsPICrPIP°PSPëC... CÍC,P°C,PëPSC—PI PîCĤPë PsPrPSPsC‡P°CÍPSPsPjCr
PîCĤPëP·PSP°C‡PµPSPSC— P· C†PëPeP»PsCÍPîPsCĤPëPSPsPj

PÿC,P°C,PëPS	PĶP°CİPIPSC— PrPsP·Pë	PľCĤP°C,PSC—CÍC,CHb P·PjC—PS P·PSP°C‡PµPSCĤ PµPeCÍPîPsP·PëC†C—C— P· C†PëPeP»PsCÍPîPsCĤPëPSPsPj
PĥC,PsCĤPIP°CÍC,P°C,PëPS	10БĤ”80 PjPi	8БĤ”10
PÿPëPjPIP°CÍC,P°C,PëPS	10БĤ”80 PjPi	6БĤ”8
PαP»CrPIP°CÍC,P°C,PëPS	20БĤ”80 PjPi	2БĤ”4
P>PsPIP°CÍC,P°C,PëPS	20БĤ”40 PjPi	5БĤ”8
PıCĤP°PIP°CÍC,P°C,PëPS	20БĤ”80 PjPi	5БĤ”10
P PsP·CrPIP°CÍC,P°C,PëPS	5БĤ”40 PjPi	5БĤ”10
PıC—C,P°PIP°CÍC,P°C,PëPS	1БĤ”4 PjPi	4БĤ”6

PÿP»C—Pr P±CrC,Pë PsP±PµCĤPµP¶PSPëPjPë PîCĤPë PsPrPSPsC‡P°CÍPSPsPjCr
P·P°CÍC,PsCÍCrPIP°PSPSC— C†PëPeP»PsCÍPîPsCĤPëPSCr P· P»PµCĤPeP°PSC—PrPëPiC—PSPsPj.

PıC—CÍP»Cİ PsPrPSPsC‡P°CÍPSPsPiPs PIPµPrPµPSPSCİ C†PëPeP»PsCÍPîPsCĤPëPSCr C,P°
P°P»C—CÍPeC—CĤPµPSCr CÍPîPsCÍC,PµCĤC—PiP°P»PsCÍCİ P·CĤPsCÍC,P°PSPSCİ C_{max}
P°P»C—CÍPeC—CĤPµPSCr, CÍCrP±CÍC,CĤP°C,Cr P—gp, PîCĤPëP±P»PëP·PSPs Cr 2,5 CĤP°P·P°
C,P° P·CĤPsCÍC,P°PSPSCİ AUC PîCĤPëP±P»PëP·PSPs Cr 5 CĤP°P·C—PI. PhPrPSP°Pe
C,,P°CĤPjP°PePsPeC—PSPµC,PëC‡PSPëPNë PîCĤPsC,,C—P»CHb C†PëPeP»PsCÍPîPsCĤPëPSCr PSPµ
P·P°P·PSP°PIP°PI CÍCrC,C,C”PIPëC... P·PjC—PS. PhPrPSPsC‡P°CÍPSPµ PîCĤPëP·PSP°C‡PµPSPSCİ
C†PëPeP»PsCÍPîPsCĤPëPSCr C,P° P°P»C—CÍPeC—CĤPµPSCr PSPµ
CĤPµPePsPjPµPSPCrC”C,CHbCÍCİ.

PhPrPSPsC‡P°CÍPSPµ P·P°CÍC,PsCÍCrPIP°PSPSCİ PrP°P±C—PiP°C,CĤP°PSCr
PµPeCÍC,PµPeCÍPëP»P°C,Cr C,P°PePsP¶ PSPµ CĤPµPePsPjPµPSPPrPsPIP°PSPµ C‡PµCĤPµP·
C—PSPiC—P±CrCĤC‡Cr P°PeC,PëPIPSC—CÍC,CHb C†PëPeP»PsCÍPîPsCĤPëPSCr C%PsPrPs P—gp.

P’CÍC,P°PSPsPIP»PµPSPs, C%Ps PsPrPSPsC‡P°CÍPSPµ P·P°CÍC,PsCÍCrPIP°PSPSCİ
PrPëPeP»PsC,,PµPSP°PeCr C,P° C†PëPeP»PsCÍPîPsCĤPëPSCr PîCĤPëP·PIPsPrPëC,CHb PrPs
P·PSP°C‡PSPsPiPs P·CĤPsCÍC,P°PSPSCİ P±C—PsPrPsCÍC,CrPiPSPsCÍC,C—
PrPëPeP»PsC,,PµPSP°PeCr P· PjPsP¶P»PëPIPëPj CĤPsP·PIPëC,PePsPj PSPëCĤPePsPIPsC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C—, C%Ps PjP°C” PsP±PsCĤPsC,PSPëPNë C...P°CĤP°PeC,PµCĤ.

PiC-PrPIPëC%PµPSPSCΠ PµPeCíPíPsP·PëC†C-C— P°PSC,CḡP°C†PëPeP»C-PSPsPIPëC...
P°PSC,PëP±C-PsC,PëPeC-PI.

PµC-Pr C†P°Cí C,PµCḡP°PiC-C— C†PëPeP»PsCíPíPsCḡPëPSPsPj PµC,,PµPeC,PëPIPSC-CíC,CH
PIP°PeC†PëPSP°C†C-C— PjPsP¶Pµ P±CíC,Pë P·PSPëP¶PµPSP°. PŸP»C-Pr CíPSPëPeP°C,Pë
P·P°CíC,PsCíCíPIP°PSPSCΠ P¶PëPIPëC... PsCíP»P°P±P»PµPSPëC... PIP°PeC†PëPS.

P''C-C,Pë

P''PsCíP»C-PrP¶PµPSPSCΠ P»C-PeP°CḡCíCHPePsC— PIP·P°C''PjPsPrC-C— PiCḡPsPIPsPrPëP»Pë
P· CíC†P°CíC,Cḡ PIPëPSCΠC,PePsPIPs PrPsCḡPsCíP»PëC... PiP°C†C-C''PSC,C-PI.

PhCíPsP±P»PëPIPsCíC,C- P·P°CíC,PsCíC¿PIP°PSPSCΠ.

P·PePIPsCḡP°P»^{B®} PiCḡPëP·PSP°C†P°CḡC,CH P»PëC€Pµ P»C-PeP°CḡC-, CΠPeC- PjP°CḡC,CH
PrPsCíPIC-Pr PiCḡPsPIPsPrPµPSPSCΠ C-PjCíPSPsCíCíPiCḡPµCíPëPIPsPsC— C,PµCḡP°PiC-C—
C- PjPsP¶CíC,CH P·P°P±PµP·PiPµC†PëC,Pë PiCḡPsPIPsPrPµPSPSCΠ PSPµPsP±C...C-PrPSPëC...
PrPsPrP°C,PePsPIPsC... PsP±CíC,PµP¶PµPSCḡ (CḡPµPiCíP»CΠCḡPSPµ PiPsPIPsPµ
PsP±Bḡ™ C''PeC,PëPIPsPµ PrPsCíP»C-PrP¶PµPSPSCΠ, PePsPSC,CḡPsP»CH
P°CḡC,PµCḡC-P°P»CHPSPsPiPs C,PëCíPeCí, P»P°P±PsCḡP°C,PsCḡPSC-
PrPsCíP»C-PrP¶PµPSPSCΠ). PµP°C†C-C''PSC,Pë, CΠPeC- PiPµCḡPµPSPµCíP»Pë
C,CḡP°PSCíPiP»P°PSC,P°C†C-Cḡ C- PiCḡPëPN¿PjP°CḡC,CH P·PePIPsCḡP°P»^{B®}, PiPsPIPsPSPSC-
PiPµCḡPµP±CíPIP°C,Pë C,C-P»CHPePë Cí C,P°PePëC... PjPµPrPëC†PSPëC... P·P°PeP»P°PrP°C...,
CΠPeC- P·P°P±PµP·PiPµC†PµPSC- PSPµPsP±C...C-PrPSPëPj P»P°P±PsCḡP°C,PsCḡPSPëPj C,P°
PjPµPrPëC†PSPëPj CíCíC,P°C,PeCíPIP°PSPSCΠPj. P>C-PeP°CḡCḡ,
PIC-PrPiPsPIC-PrP°P»CHPSPsPjCí P·P° PiCḡPsPIPsPrPµPSPSCΠ PiC-PrC,CḡPëPjCíCḡC†PsC—
C,PµCḡP°PiC-C—, CíP»C-Pr PSP°PrP°C,Pë PICíCḡ C-PSC,,PsCḡPjP°C†C-Cḡ,
PSPµPsP±C...C-PrPSCí PrP»CΠ PiCḡP°PIPëP»CHPSPsPiPs PrPsPiP»CΠPrCí P·P°
PiP°C†C-C''PSC,PsPj.

P'CíPjPsPeC,CíPIP°PSPSCΠ C-PSPiC-P±C-C,PsCḡC-PI PeP°P»CHC†PëPSPµPICḡPëPSCí
PjPsP¶Pµ PiPsCḡCíC€CíPIP°C,PëCíCΠ PI PiP°C†C-C''PSC,C-PI C-P· C†PëCíC,PëC†PSPëPj
C,,C-P±CḡPsP·PsPj.

P>C-PjC,,PsPjPë C,P° C-PSC€C- P·P»PsCΠPeC-CíPSC- PiC¿C...P»PëPSPë

PµPsPrC-P±PSPs PrPs C-PSC€PëC... C-PjCíPSPsCíCíPiCḡPµCíP°PSC,C-PI,
C†PëPeP»PsCíPíPsCḡPëPS PiC-PrPIPëC%CrC'' CḡPëP·PëPe CḡPsP·PIPëC,PeCí P»C-PjC,,PsPj C,P°
C-PSC€PëC... P·P»PsCΠPeC-CíPSPëC... PiCíC...P»PëPS, P·PsPeCḡPµPjP° PiCíC...P»PëPS
C€PeC-CḡPë. PkPµPsP±C...C-PrPSPs PiCḡPsPIPsPrPëC,Pë CḡPµPiCíP»CΠCḡPSC-
PsP±CíC,PµP¶PµPSPSCΠ PiP°C†C-C''PSC,C-PI, CΠPeC- C,CḡPëPIP°P»PëPN¿ C†P°Cí
PsC,CḡPëPjCíCḡC,CH C†PëPeP»PsCíPíPsCḡPëPS, PrP»CΠ P·P°P±PµP·PiPµC†PµPSPSCΠ
CḡP°PSPSCHPsC— PrC-P°PiPSPsCíC,PëPePë. P>C-PeCíPIP°PSPSCΠ PSPµPsP±C...C-PrPSPs
PIC-PrPjC-PSPëC,Pë, CΠPeC%Ps PrC-P°PiPSPsCíC,PsPIP°PSPs PiPµCḡPµPrCḡP°PePsPIPsPN¿
CíC,P°PS P°P±Ps PiCíC...P»PëPSCí. P,, PiC-PrCíC,P°PIPë PIPIP°P¶P°C,Pë, C%Ps
PiC-PrPIPëC%PµPSPëPN¿ CḡPëP·PëPe PiPsPIBḡ™ CΠP·P°PSPëPN¿ P·C- CíC,CíPiPµPSPµPj C,P°
C,CḡPëPIP°P»C-CíC,Cḡ C-PjCíPSPsCíCíPiCḡPµCíC-C—, P° PSPµ C-P·
P·P°CíC,PsCíCíPIP°PSPSCΠPj PePsPSPeCḡPµC,PSPëC... P·P°CíPsP±C-PI.

PŸPsPjCí, P»C-PeCíPIP°PSPSCΠ P·PiC-PrPSPs P· CḡPµP¶PëPjPsPj, C%Ps PIPeP»CḡC†P°C''

PeC-P»CHPeP° C-PjCfPSPsCfCfPfcTjPmCfP°PSC,C-PI (Cf C,PsPjCf C#PecfP»C-
CfPepP»PsCfPipsCtjPepS), CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë P·
PsP±PmCtjPmP¶PSC-CfC,Cf, PsCfPeC-P»CHPePë CfPm PjPsP¶Pm PfcTjPep·PIPmCfC,Pë PrPs
CtjPsP·PIPëC,PeCf P»C-PjC,,PsPfcTjPsP»C-,,PmCtjP°C,PëPIPSPëC... CtjPsP·P»P°PrC-PI C,P°
PfcCfC...P»PëPS CfPsP»C-PrPSPëC... PsCtjPiP°PSC-PI, C-PSPePsP»Pë P· P»PmC,P°P»CHPSPëPj
PSP°CfP»C-PrPePsPj.

P— PsPiP»CfPrCf PSP° PipsC,PmPSCfC-PNëPSPëPNë CtjPep·PëPe P·P»PsCfPeC-CfPSPëC...
PSPsPIPsCfC,PIPsCtjPmPSCf CëPeC-CtjPë Pfp°CfC-C''PSC,P°Pj, CfPeC- PfcTjPëPNëPjP°CfC,CH
P·PePIPsCtjP°P»^{B®}, P·PsPeCtjPmPjP° C,PëPj, C...C,Ps P»C-PeCfC''C,CHCfCfCf P· PfcTjPëPIPsPrCf
PfcCfPsCtjC-P°P·Cf C#Pë P°C,PsPfcC-C#PSPsPips PrPmCtjPjP°C,PëC,Cf, PSPmPsP±C...C-PrPSPs
CtjPmPePsPjPmPSPPrCfPIP°C,Pë CfPSPëPeP°C,Pë PSP°PrPjC-CtjPSPsPips PIPiP»PëPICf
CfPsPSCfC#PSPsPips PfcTjPsPjC-PSPSCfC C- PSPm PsC,CtjPepjCfPIP°C,Pë PsPrPSPsC#P°CfPSPs
PsPfcTjPsPjC-PSPmPSPSCfC CfP»CHC,CtjP°C,,C-PsP»PmC,PsPIPëPjPë PfcTjPsPjPmPSCfPjPë P'
C#Pë PUVA-C,,PsC,PsC...C-PjC-PsC,PmCtjP°PfcC-C—.

PfPSC,,PmPeCfC-C—

PfPe C- Cf PIPëPiP°PrPeCf P·P°CfC,PsCfCfPIP°PSPSCfC C-PSCëPëC...
C-PjCfPSPsPrPmPfcTjPmCfP°PSC,C-PI, P·P°CfC,PsCfCfPIP°PSPSCfC CfPepP»PsCfPipsCtjPepSCf
PfcTjPep·PIPsPrPëC,CH PrPs CtjPsP·PIPëC,PeCf CtjC-P·PSPëC...
P±P°PeC,PmCtjC-P°P»CHPSPëC..., PfcTjPep±PePsPIPëC..., Pfp°CtjP°P·PëC,P°CtjPSPëC... C,P°
PIC-CtjCfCfPSPëC... C-PSC,,PmPeCfC-PNë, C#P°CfC,Ps P· CfC#P°CfC,Cf
PsPipsCtjC,CfPSC-CfC,PëC#PSPëC... Pfp°C,PsPiPmPSC-PI. Pj Pfp°CfC-C''PSC,C-PI, CfPeC-
PsC,CtjPepjCfCfC,CH CfPepP»PsCfPipsCtjPepS, P±CfP»Ps PIPëCfPIP»PmPSPs
P°PeC,PëPIP°CfC-Cf P»P°C,PmPSC,PSPsC— C-PSC,,PmPeCfC-C— PipsP»C-PsPjP°PIC-CtjCfCfCf,
C%Ps PjPsP¶Pm PfcTjPep·PIPmCfC,Pë PrPs PIPëPSPëPePSPmPSPSCfC PSPmC,,CtjPsPfp°C,C-C—,
PipsPibfTM CfP·P°PSPsC— P· PipsP»C-PsPjP°PIC-CtjCfCfPsPj (PVAN), P·PsPeCtjPmPjP° P'P-
PIC-CtjCfCfPSPsC— PSPmC,,CtjPsPfp°C,C-C— (BKVN) P°P±Ps PfcTjPsPfcTjPmCfCfCfC#PsC—
PjCfP»CHC,PëC,,PsPeP°P»CHPSPsC— P»PmPNëPePsPmPSCfPmC,,P°P»PsPfp°C,C-C—,
PipsPibfTM CfP·P°PSPsC— P· JC-PIC-CtjCfCfPsPj (PML). PfcC- PfcTjPsP±P»PmPjPë C#P°CfC,Ps
PIC,PsCtjPepPSPSC- C%PsPrPs PIPëCfPsPePsC— C-PjCfPSPsCfCfPfcTjPmCfC-C—, C-C...
CfP»C-Pr CtjPsP·PiP»CfPrP°C,Pë Cf PrPëC,,PmCtjPmPSCfC-PNëPSC-PNë PrC-P°PiPSPsCfC,PëCfC-
C-PjCfPSPsCfCfPfcTjPmCfPëPIPSPëC... Pfp°CfC-C''PSC,C-PI C-P· PipsPfcC-CtjCëPmPSPSCfCfPj
C,,CfPSPeCfC-C— PSPëCtjPsPe P°P±Ps P· PSPmPICtjPsP»PsPfcC#PSPëPjPë CfPepjPfc,PsPjP°PjPë.
PmPsPIC-PrPsPjP»CfP»PsCfCf PfcTjPs CfPmCtjPNëPsP·PSC- C,P°/P°P±Ps P»PmC,P°P»CHPSC-
PSP°CfP»C-PrPePë. PmPsC,CtjC-P±PSPs PIPëPePsCtjPëCfC,PsPICfPIP°C,Pë PmC,,PmPeC,PëPIPS-
PfcTjPsC,,C-P»P°PeC,PëC#PSC- C,P° C,PmCtjP°PiPmPIC,PëC#PSC- CfC,CtjP°C,PmPfcC—,
PsCfPsP±P»PëPIPs Pfp°CfC-C''PSC,P°Pj, CfPeC- PipsC,CtjPmP±CfCfC,CH
P±P°PiP°C,PsCtjP°P·PsPIPsC— PrPsPIPipsC,CtjPepIP°P»PsC—
C-PjCfPSPsCfCfPfcTjPmCfPëPIPSPëC— C,PmCtjP°PfcC-C—.

PjPsPeCfPëC#PSPëPNë PIPiP»PëPI PSP° PSPëCtjPePë

PmCtjPsC,CfPiPsPj P»C-PeCfPIP°PSPSCfC PfcTjPmPfp°CtjP°C,PsPj P·PePIPsCtjP°P»^{B®}
C#P°CfC,PëPj C,P° PipsC,PmPSCfC-PNëPSPs CfPmCtjPNëPsP·PSPëPj CfCfPeP»P°PrPSPmPSPSCfCfPj
C'' PfcC-PrPIPëC%PmPSPSCfC CtjC-PIPSfC CfPëCtjPsPIP°C,PePsPIPsPips PeCtjPmP°C,PëPSC-PSCf
C,P° CfPmC#PsPIPëPSPë. PfcC- C,,CfPSPeCfC-PsPSP°P»CHPSC- P·PjC-PSPë P·P°P»PmP¶P°C,CH
PIC-Pr PrPsP·Pë C- PjP°CfC,CH PsP±PsCtjPsC,PSPëPNë C...P°CtjP°PeC,PmCtj, P·P°P·PIPëC#P°PNë
PipsPeP°P·PSPëPePë PipsPIPmCtjC,P°CfC,CHCfCfCf PrPs PSPsCtjPjP°P»CHPSPëC...
P·PSP°C#PmPSCfC P·C- P·PSPëP¶PmPSPSCfCfPj PrPsP·Pë. Pj PrPmCfPePëC... Pfp°CfC-C''PSC,C-PI
PrPsPIPipsC,CtjPepIP°P»Pm P·P°CfC,PsCfCfPIP°PSPSCfC PfcTjPmPfp°CtjP°C,Cf PjPsP¶Pm

PIPëCÍPsPePsPµC,,PµPeC,PëPIPSCÍ CĤC-PrPëPSPSCÍ C...CĤPsPjP°C,PsPiCĤP°C,,C-CĤ (P'P•P PÍ)
(C,P°PePsP¶ PrP»CÍ PIPëP·PSP°C‡PµPSPSCÍ PeC-P»CHPePsCÍC,C- PSPµP·PjC-PSPµPSPsPiPs
PíCĤPµPíP°CĤP°C,CÍ). PµCĤPë PeC-P»CHPeC-CÍPSPsPjCÍ PIPëP·PSP°C‡PµPSPSC- CÍ
PíP»P°P·PjC- PeCĤPsPIC- P°P±Ps CÍPëCĤPsPIP°C,C†C- PíPsC,CĤC-P±PSPs
P·P°CÍC,PsCÍPsPICÍPIP°C,Pë CÍC,P°PSPPrP°CĤC,PSPëP№ PjPµC,PsPr CĤPsP·PrC-P»PµPSPSCÍ
(C‡P°CÍ C- C,PµPjPíPµCĤP°C,CÍCĤP°).

PJ CĤPµC†PëPíC-C"°PSC,C-PI P· C,CĤP°PSCÍPíP»P°PSC,PsPIP°PSPsCĤ PíPµC‡C-PSPePsCĤ
PePsPSC,CĤPsP»CH CĤC-PIPSC-PI CÍ PeCĤPsPIC- PSP° PíPsC‡P°C,PeCÍ P»C-PeCÍPIP°PSPSCÍ
PíPsC,CĤC-P±PSPs PíCĤPsPIPsPrPëC,Pë P°P±Ps P·P° PrPsPíPsPjPsPiPsCĤ C,C-P»CHPePë
CÍPíPµC†PëC,,C-C‡PSPëC... PjPsPSPsPeP»PsPSP°P»CHPSPëC... P°PSC,PëC,C-P», P°P±Ps P·P°
PrPsPíPsPjPsPiPsCĤ PíP°CĤP°P»PµP»CHPSPëC... PIPëP·PSP°C‡PµPSCĤ P·
PIPëPePsCĤPëCÍC,P°PSPSCÍPj CÍPíPµC†PëC,,C-C‡PSPëC... C- PSPµCÍPíPµC†PëC,,C-C‡PSPëC...
PjPsPSPsPeP»PsPSP°P»CHPSPëC... P°PSC,PëC,C-P» PrP»CÍ C,PsPiPs, C°°PsP±
P·P°P±PµP·PíPµC‡PëC,Pë PIC-PrPíPsPIC-PrPSPëP№ CÍC,CÍPíC-PSCH
C-PjCÍPSPsCÍCÍPíCĤPµCÍC-C—.

PýP°PePsP¶ PSPµPsP±C...C-PrPSPs PICĤP°C...PsPICÍPIP°C,Pë, C°°Ps CĤC-PIPµPSCĤ
C†PëPeP»PsCÍPíPsCĤPëPSCÍ CÍ PeCĤPsPIC-, PíP»P°P·PjC- P°P±Ps CÍPëCĤPsPIP°C,C†C- C"
C,C-P»CHPePë PsPrPSPëPj C-P· P±P°PíP°C,CHPsC... C‡PëPSPSPëPeC-PI, C°°Ps
PIPíP»PëPIP°CĤC,CH PSP° PeP»C-PSC-C‡PSPëP№ CÍC,P°PS PíP°C†C-C"°PSC,P°. PýPsPjCÍ
CĤPµP·CÍP»CHC,P°C,Pë CÍP»C-Pr CĤPsP·PíP»CÍPíP°P°C,Pë P»PëC€Pµ CÍPe
CĤPµPePsPjPµPSPPrP°C†C-C— CÍ P»C-PeCÍPIP°PSPSC- PI PePsPSC,PµPeCÍC,C- C†C-P»PsPiPs
CĤCÍPrCÍ C-PSC€PëC... PeP»C-PSC-C‡PSPëC... C- P±C-PsC...C-PjC-C‡PSPëC...
PíPsPeP°P·PSPëPeC-PI.

PĥCĤC,PµCĤC-P°P»CHPSP° PiC-PíPµCĤC,PµPSP·C-CÍ

PµC-Pr C‡P°CÍ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PíCĤPµPíP°CĤP°C,CÍ P·PePIPsCĤP°P»^{B®}
PSPµPsP±C...C-PrPSPs CĤPµPíCÍP»CÍCĤPSPs PePsPSC,CĤPsP»CHPIP°C,Pë PíPsPeP°P·PSPëPePë
P°CĤC,PµCĤC-P°P»CHPSPsPiPs C,PëCÍPeCÍ. PµCĤPë PIPëCÍPIP»PµPSPSC-
P°CĤC,PµCĤC-P°P»CHPSPsC— PiC-PíPµCĤC,PµPSP·C-C— CÍP»C-Pr PíCĤPsPIPµCÍC,Pë
PIC-PrPíPsPIC-PrPSPµ P»C-PeCÍPIP°PSPSCÍ PrP»CÍ P·PSPëP¶PµPSPSCÍ
P°CĤC,PµCĤC-P°P»CHPSPsPiPs C,PëCÍPeCÍ. PµPµCĤPµPIP°PíCÍ CÍP»C-Pr PSP°PrP°PIP°C,Pë
P°PSC,PëPiC-PíPµCĤC,PµPSP·PëPIPSPëPj P»C-PeP°CĤCÍCHPePëPj P·P°CÍPsP±P°Pj, C°°Ps PSPµ
PIPíP»PëPIP°CĤC,CH PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCÍ C†PëPeP»PsCÍPíPsCĤPëPSCÍ
(PSP°PíCĤPëPeP»P°Pr, C-CÍCĤP°PrPëPíC-PS).

PµC-PrPIPëC°°PµPSPSCÍ CĤC-PIPSC-PI P»C-PíC-PrC-PI Cž PeCĤPsPIC-

P'CÍP»Pë PsPeCĤPµPjC- PíPsPIC-PrPsPjP»PµPSPSCÍ C°°PsPrPs P»C-PeCÍPIP°PSPSCÍ
PíCĤPµPíP°CĤP°C,PsPj P·PePIPsCĤP°P»^{B®}, PíPsPIBĥ™ CÍP·P°PSC- P· PSPµP·PSP°C‡PSPëPj
PíC-PrPIPëC°°PµPSPSCÍPj P»C-PíC-PrC-PI CÍ PeCĤPsPIC-, CÍPePµ PjP°P»Ps
PsP±PsCĤPsC,PSPëP№ C...P°CĤP°PeC,PµCĤ; CĤC-PIPSC- P»C-PíC-PrC-PI PSPµPsP±C...C-PrPSPs
PIPëPjC-CĤCĤPIP°C,Pë PrPs PíPsC‡P°C,PeCÍ P»C-PeCÍPIP°PSPSCÍ C,P° C‡PµCĤPµP· 1
PjC-CÍCÍC†CH PíC-CÍP»CÍ PíPsC‡P°C,PeCÍ P»C-PeCÍPIP°PSPSCÍ. PJ CĤP°P·C-
PIPëCÍPIP»PµPSPSCÍ PíC-PrPIPëC°°PµPSPsPiPs CĤC-PIPSCÍ P»C-PíC-PrC-PI
PSPµPsP±C...C-PrPSPs P·PjPµPSC€PëC,Pë PrPsP»CĤ P¶PëCĤC-PI CÍ CĤP°C†C-PsPSC- C,P°,
CÍPeC°°Ps PSPµPsP±C...C-PrPSPs, P·PjPµPSC€PëC,Pë PrPsP·CÍ PíCĤPµPíP°CĤP°C,CÍ.

P"C-PíPµCĤPeP°P»C-C"PjC-CÍ

P_μCT_μP_ē P_iCT_μP_ēPN_ēPsPjC- C†P_ēPeP»PsC†P_iPsCT_μP_ēPSC† P·CT_μPsC†C,P°C” CT_μP_ēP·P_ēPe
 PIP_ēPSP_ēPePSP_μPSPSC† P_iC-P_iP_μCT_μPeP°P»C-C”PjC-C—, PsC†PsP±P»P_ēPIPs C†
 P_iP°C†C-C”PSC,C-PI C-P· PSP_ēCT_μPePsPIPsCT_μ PrP_ēC†C,,C†PSP_ēC†C-C”CT_μ. P—
 PsP±P_μCT_μP_μP†PSC-C†C,CT_μ P_iCT_μP_ēP·PSP°C†P°C,P_ē C†P_ēPeP»PsC†P_iPsCT_μP_ēPS C†
 PePsPjP±C-PSP°C†C-C— P· PeP°P»C-PN_ēP·P±P_μCT_μC-PiP°CT_μC†P_ēPjP_ē P_iCT_μP_μP_iP°CT_μP°C,P°PjP_ē
 (PSP°P_iCT_μP_ēPeP»P°Pr P· PeP°P»C-PN_ēP·P±P_μCT_μC-PiP°CT_μC†P_ēPjP_ē PrC-C†CT_μP_μC,P_ēPeP°PjP_ē,
 C-PSPiC-P±C-C,P_μCT_μP°PjP_ē P°PSPiC-PsC,P_μPSP·P_ēPSPiP_μCT_μP_μC,PIPsCT_μCT_μPIP°P»CH_μPSPsPiPs
 C,,P_μCT_μPjP_μPSC,C†, P°PSC,P°PiPsPSC-C†C,P°PjP_ē CT_μP_μC†P_μPiC,P_μCT_μC-PI
 P°PSPiC-PsC,P_μPSP·P_ēPSC† P†P†) P°P±Ps P_iCT_μP_μP_iP°CT_μP°C,P°PjP_ē, C°%Ps PjC-C†C,C†C,CH_μ
 PeP°P»C-PN_ē, P°P±Ps P_iP°C†C-C”PSC,P°Pj, C†PeC- P_iP_μCT_μP_μP±C†PIP°CT_μC,CH_μ PSP° PrC-C”C,C-,
 P±P°PiP°C,C-PN_ē PSP° PIPjC-C†C, PeP°P»C-CT_μ. Pj C,P°PeP_ēC... PIP_ēP_iP°PrPeP°C...
 CT_μP_μPePsPjP_μPSP†PsPIP°PSPs PePsPSC,CT_μPsP»CT_μPIP°C,P_ē CT_μC-PIPSC- PeP°P»C-CT_μ.

P°C-PiPsPjP°PiPSC-C”PjC-C†

P_μCT_μP_ēPN_ēPsPj C†P_ēPeP»PsC†P_iPsCT_μP_ēPSC† P_iC-PrPIP_ēC°%C†C” P_μPeC†PeCT_μP_μC†C-CT_μ
 PjP°PiPSC-CT_μ, C°%Ps PjPsP†P_μ P_iCT_μP_ēP·PIP_μC†C,P_ē PrPs CT_μPsP·PIP_ēC,PeC†
 C†P_ēPjP_iC,PsPjP°C,P_ēC†PSPsC— P_iC-P_iPsPjP°PiPSC-C”PjC-C—, PSP°C†P°PjP_iP_μCT_μP_μPr C†
 P_iP_μCT_μC-C,CT_μP°PSC†P_iP»P°PSC,P°C†C-PN_ēPSP_ēPN_ē P_iP_μCT_μC-PsPr. P_μCT_μPsC,C†PiPsPj
 P_iP_μCT_μC-C,CT_μP°PSC†P_iP»P°PSC,P°C†C-PN_ēPSPsPiPs P_iP_μCT_μC-PsPrC†
 CT_μP_μPePsPjP_μPSP†PsPIP°PSPs P_iCT_μPsPIPsPrP_ēC,P_ē PePsPSC,CT_μPsP»CH_μ CT_μC-PIPSC†
 PjP°PiPSC-CT_μ C† C†P_ēCT_μPsPIP°C,C†C- PeCT_μPsPIC-, PSP°C†P°PjP_iP_μCT_μP_μPr P_iCT_μP_ē
 PSP°C†PIPSPsC†C,C- PSP_μPICCT_μPsP»PsPiC-C†PSP_ēC... C†P_ēPjP_iC,PsPjC-PI. Pj CT_μP°P·C-
 PSP_μPsP±C...C-PrPSPsC†C,C- PrPsPrP°C,PePsPIPs C†P»C-Pr P_iCT_μP_ēP·PSP°C†P_ēC,P_ē
 P_iCT_μP_μP_iP°CT_μP°C,P_ē PjP°PiPSC-CT_μ.

P°C-PiP_μCT_μC†CT_μP_ēPeP_μPjC-C†

P_μCT_μP_ē P»C-PeC†PIP°PSPSC- C...PIPsCT_μP_ēC... C-P· P_iC-P_iP_μCT_μC†CT_μP_ēPeP_μPjC-C”CT_μ
 PSP_μPsP±C...C-PrPSP° PsP±P_μCT_μP_μP†PSC-C†C,CH_μ.

P-P_ēPIC- P°C,P_μPSC†PN_ēPsPIP°PSC- PIP°PeC†P_ēPSP_ē

P_μC-Pr C†P°C† P»C-PeC†PIP°PSPSC† C†P_ēPeP»PsC†P_iPsCT_μP_ēPSPsPj PIP°PeC†P_ēPSP°C†C-C†
 PjPsP†P_μ PIP_ēC†PIP_ēC,P_ēC†C† PjP_μPSC€ P_μC,,P_μPeC,P_ēPIPSPsCT_μ. P_ēP°PePsP†
 PSP_μPsP±C...C-PrPSPs C†PSP_ēPeP°C,P_ē P·P°C†C,PsC†C†PIP°PSPSC† P†P_ēPIP_ēC...
 P°C,P_μPSC†PN_ēPsPIP°PSP_ēC... PIP°PeC†P_ēPS.

P°P·P°C”PjPsPrC-C—

P_ēP»C-Pr P· PsP±P_μCT_μP_μP†PSC-C†C,CT_μ P_iCT_μP_ēP·PSP°C†P°C,P_ē C†P_ēPeP»PsC†P_iPsCT_μP_ēPS
 PsPrPSPsC†P°C†PSPs P· P»C-PeP°CT_μC†CH_μPeP_ēPjP_ē P·P°C†PsP±P°PjP_ē, C°%Ps P·PSP°C†PSPs
 P_iC-PrPIP_ēC°%C†CT_μC,CH_μ P°P±Ps P·PSP_ēP†C†CT_μC,CH_μ PePsPSC†P_μPSC,CT_μP°C†C-CT_μ
 C†P_ēPeP»PsC†P_iPsCT_μP_ēPSC† C† P_iP»P°P·PjC- PeCT_μPsPIC- C†P_μCT_μP_μP·
 C-PSPiC-P±C†PIP°PSPSC† P°P±Ps C-PSP†C†PeC†C-CT_μ CYP3A4 C,P°/P°P±Ps P -
 P_iP»C-PePsP_iCT_μPsC,P_μC—PSC† (PrP_ēPI. CT_μPsP·PrC-P» B«P°P·P°C”PjPsPrC-C† P· C-PSC€P_ēPjP_ē
 P»C-PeP°CT_μC†CH_μPeP_ēPjP_ē P·P°C†PsP±P°PjP_ē C,P° C-PSC€C- PIP_ēPrP_ē PIP·P°C”PjPsPrC-PN_ēB»).

P_ēP_μPsP±C...C-PrPSPs P_iCT_μPsPIPsPrP_ēC,P_ē PjPsPSC-C,P_μCT_μP_ēPSPi C°%PsPrPs
 PSP_μC,,CT_μPsC,PsPeC†P_ēC†PSPsC†C,C- P_iCT_μP_ē P·P°C†C,PsC†C†PIP°PSPSC-
 C†P_ēPeP»PsC†P_iPsCT_μP_ēPSC† CT_μP°P·PsPj P· P°PeC,P_ēPIPSP_ēPjP_ē CT_μP_μC†PsPIP_ēPSP°PjP_ē, C°%Ps
 P_iC-PrPIP_ēC°%C†CT_μC,CH_μ PePsPSC†P_μPSC,CT_μP°C†C-CT_μ C†P_ēPeP»PsC†P_iPsCT_μP_ēPSC† P°P±Ps

$P_{\mu C}-C\acute{I}P \gg C\acute{I} C\acute{r}PjC-C\acute{I}PSPsPiPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\acute{I} C\ddagger P\acute{e}PeP \gg PsC\acute{I}P\acute{i}PsC\grave{H}P\acute{e}PSC\acute{r}$
 $C, P^{\circ} P \gg P_{\mu}C\grave{H}PeP^{\circ}PSC-PrP\acute{e}P\acute{i}C-PSC\acute{r} P \cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\acute{I} AUC PsC\acute{I}C, P^{\circ}PSPSCHPsPiPs$
 $P \cdot P \pm C-P \gg CHC\acute{e}C\acute{r}PIP^{\circ}P \gg PsC\acute{I}C\acute{I} C\acute{r} 3 C\grave{H}P^{\circ}P \cdot P\acute{e}, P^{\circ} P \cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\acute{I} AUC$
 $C\ddagger P\acute{e}PeP \gg PsC\acute{I}P\acute{i}PsC\grave{H}P\acute{e}PSC\acute{r} P\acute{i}C-PrPIP\acute{e}C\%C\acute{r}PIP^{\circ}P \gg PsC\acute{I}C\acute{I} PSP^{\circ} 21 \%. P\check{y}PsPjC\acute{r} C\acute{I}P \gg C-Pr$
 $C\acute{r}PSP\acute{e}PeP^{\circ}C, P\acute{e} PsPrPSPsC\ddagger P^{\circ}C\acute{I}PSPsPiPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\acute{I}$
 $C\ddagger P\acute{e}PeP \gg PsC\acute{I}P\acute{i}PsC\grave{H}P\acute{e}PSC\acute{r} P \cdot P \gg P_{\mu}C\grave{H}PeP^{\circ}PSC-PrP\acute{e}P\acute{i}C-PSPsPj. P_{\mu}C\grave{H}P\acute{e}PN\acute{e}PsPj$
 $C\ddagger P\acute{e}PeP \gg PsC\acute{I}P\acute{i}PsC\grave{H}P\acute{e}PSC\acute{r} C\ddagger P_{\mu}C\grave{H}P_{\mu}P \cdot 3 PiPsPrP\acute{e}PSP\acute{e} P\acute{i}C-C\acute{I}P \gg C\acute{I}P$
 $P \gg P_{\mu}C\grave{H}PeP^{\circ}PSC-PrP\acute{e}P\acute{i}C-PSC\acute{r} PSP_{\mu} P\acute{i}C\grave{H}P\acute{e}P \cdot PIPsPrP\acute{e}Pi PrPs P \cdot PjC-PS AUC$
 $PsC\acute{I}C, P^{\circ}PSPSCHPsPiPs, P^{\circ}P \gg P_{\mu} P \cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\acute{I} AUC C\ddagger P\acute{e}PeP \gg PsC\acute{I}P\acute{i}PsC\grave{H}P\acute{e}PSC\acute{r}$
 $P\acute{i}C-PrPIP\acute{e}C\%C\acute{r}PIP^{\circ}P \gg PsC\acute{I}C\acute{I} PSP^{\circ} 27 \%. P\check{y}PsPjC\acute{r} PrP^{\circ}PSC\acute{r} PePsPiP \pm C-PSP^{\circ}C\ddagger C-C\grave{H}$

СГР»С-Рr P·P°СГC,PsСГPсPICрPIP°C,Pe P· PsP±PμCГPμP¶PSC-СГC,СГ P· C-PSC,PμCГPIP°P»PsPj PjC-P¶ PiCГPePNsPsPjPsPj P»C-PeP°CГCГCГPePeC... P·P°СГPsP±C-PI C%oPsPSP°PNsPjPμPSC€Pμ Cр 3 PiPsPrP€PSP€.

PμP°C†C-C"psc,Pe P· PiCГPsCГC-P°P·PsPj PiPsPIPePSPSC- CрPSPePeP°C,Pe PsPrPSPSc†P°СГPSPsPiPs P·P°СГC,PsСГCрPIP°PSPSC¶ P±PμC,P°- P°PrCГPμPSPsP±P»PsPeP°C,PsCГC-PI P°P±Ps PrC-CрCГPμC,PePeC-PI.

P"PsPrP°C,PePsPIC- P·P°PiPsP±C-P¶PSC- P·P°C...PsPrPe PiCГPe PSPμ PiPsPIsГ™ C¶IP·P°PSPeC... P· C,ГP°PSCГPiP»P°PSC,P°C,P°PjPe PiPsPeP°P·P°PSPSC¶C...

PμP°C†C-C"psc,P°Pj C-P· PiPsCГCрC€PμPSPSC¶Pj C,,CрPSPeC†C-C— PSPeCГPsPe (P·P° PIPePSC¶C,PePsPj PiP°C†C-C"psc,C-PI C-P· PSPμC,,CГPsC,PeC†PSPePj CГPePSPPrCГPsPjPsPj C-P· PiCГPePNsPSC¶C,PSPePj CГC,CрPiPμPSPμPj PSPeCГPePsPIPsC— PSPμPrPsСГC,P°C,PSPsСГC,C-), PSPμPePsPSC,CГPsP»CГPsPIP°PSPsCГ P°CГC,PμCГC-P°P»CГPSPsCГ PiC-PiPμCГC,PμPSP·C-C"СГ, PSPμPePsPSC,CГPsP»CГPsPIP°PSPePjPe C-PSC,,PμPeC†C-C¶PjPe P°P±Ps P·P»PsC¶PeC-СГPSPePjPe PiCрC...P»PePSP°PjPe P±CрPrCГ-C¶PePsPiPs C,PePiCр PSPμ CГP»C-Pr PiCГPePNsPjP°C,Pe C†PePeP»PsСГPiPsCГPePS.

P"Ps PiPsC†P°C,PeCр P»C-PeCрPIP°PSPSC¶ CГP»C-Pr PiCГPsPIPμCГC,Pe PSP°PrC-PNsPSCр PsC†C-PSPeCр PiPsC†P°C,PePsPIPsC— C,,CрPSPeC†C-C— PSPeCГPsPe C€P»C¶C...PsPj C%oPsPSP°PNsPjPμPSC€Pμ PrPIPsC... PIPePjC-CГCГPIP°PSCГ CГPsP·CГP°C...CрPSPePsPIPsC— C€PIPePrPePsСГC,C- PeP»CрP±PsC†PePsPIPsC— C,,C-P»CГC,CГP°C†C-C— (CГPeP°Pα). P§P°СГC,Pμ PiCГPsPIPμPrPμPSPSC¶ PsC†C-PSPePe C,,CрPSPeC†C-C— PSPeCГPsPe PiC-Pr C†P°СГ C,PμCГP°PiC-C— PSPμPsP±C...C-PrPSPμ PrP»C¶ PiCГP°PIPeP»CГPSPsPiPs PePsCГPμPiCрPIP°PSPSC¶ PrPsP·.

P"PsPrP°C,PePsPIC- P·P°PiPsP±C-P¶PSC- P·P°C...PsPrPe PiCГPe PμPSPPrPsPiPμPSPSPsPjCé CзPIPμC—C,C-

P·PePIPsCГP°P»^{B®} CГP»C-Pr P· PsP±PμCГPμP¶PSC-СГC,СГ PiCГPeP·PSP°C†P°C,Pe PiP°C†C-C"psc,P°Pj C-P· CГPePSPPrCГPsPjPsPj P'PμC...C†PμC,P° PiCГPe PSP°C¶PIPSPsСГC,C- PSPμPICГPsP»PsPiC-C†PSPeC... PiCГPsC¶PIC-PI. P¶P»C-Pr PiCГPsPIPsPrPeC,Pe CГPμC,PμP»CГPSPePNs PjPsPSC-C,PsCГPePSPi PSPμPICГPsP»PsPiC-C†PSPsPiPs CГC,P°C,CрCГCр C,P°PePeC... PsСГC-P±. P"PsСГPIC-Pr P·P°СГC,PsСГCрPIP°PSPSC¶ PiCГPμPiP°CГP°C,Cр PrC-C,C¶Pj P· PμPSPPrPsPiPμPSPSPePj CрPIPμC—C,PsPj PsP±PjPμP¶PμPSPePNs.

P"PsPrP°C,PePsPIC- P·P°PiPsP±C-P¶PSC- P·P°C...PsPrPe PiCГPe PSPμC,,CГPsC,PeC†PSPsPjCé CГPePSPPrCГPsPjC-

PμP°C†C-C"psc,P°Pj C-P· PiPsCГCрC€PμPSPSC¶Pj C,,CрPSPeC†C-C— PSPeCГPsPe PSP° PiPsC†P°C,PePsPIPsPjCр CГC-PIPSC- CГPiPsC†P°C,PeCр CГP»C-Pr PiCГPeP·PSP°C†PeC,Pe PrPsP·Cр 2,5 PjPi/PePi PSP° PrPsP±Cр C- P·PrC-PNsCГPSCГPIP°C,Pe PrCрP¶Pμ CГPμC,PμP»CГPSPePNs PjPsPSC-C,PsCГPePSPi.

Pj PrPμC¶PePeC... PiP°C†C-C"psc,C-PI PjPsP¶CрC,СГ PIPePSPePePSCрC,Pe C,СГCрPrPSPsC%oC- P· PIPeP·PSP°C†PμPSPSC¶Pj C-PSPPrCрPePsPIP°PSPsC— PiCГPμPiP°CГP°C,PsPj P·PePIPsCГP°P»^{B®} PSPeCГPePsPIPsC— PrPeCГC,,CрPSPeC†C-C— C†PμCГPμP· P·PjC-PSPe C,,CрPSPeC†C-C— PSPeCГPsPe, CГPiCГPeC†PePSPμPSC- PIP»P°СГPSPμ PSPμC,,CГPsC,PeC†PSPePj CГPePSPPrCГPsPjPsPj. PiPePj PiPsC¶CГPSCГC"С,СГCГC¶, C†PsPjCр

Ср ЧХС-ПрРсС-СГПСПС... ПІРПІР°ПрРсР°С... Р°СГРсС†С-Р№РсРІР°РсС- Р·
РіСХРµРІР°СХР°С,РсРј Р·РєРІРсСХР°Р»^{В®} СГС,СХСРРсС,СРСХР°Р»СХРсС- Р·РјС-РСПС Ср
РСПСХРРсР°С... СГРІРсСГС,РµСХС-РіР°СХС,СХСГСЦ Р±РµР· РіС-РРРІРС%РµРµРсСЦ
СХС-РІРсСЦ РсСХРµР°С,РєРсС-РсСр Ср СГРСХРРсРІР°С,С†С- РсСХРсРІС-. РҮР»С-Рр
СХРсР·РіР»СЦРсС,Рє РјРсР¶Р»РєРІС-СГС,СХ РіСХРсРІРµРµРµРµРсСЦ Р±С-РсРіСГС-С—
РСПСХРРсРє Ср РіР°С†С-С”РсС,С-РІ Р·С- СГС,РµСХРсС—РРР·Р°Р»РµР¶РсСХ
РСПµС,,СХРсРіР°С,С-С”СХ Р· РјС-РсС-РјР°Р»СХРсРєРјРє Р·РјС-РспРјРє, РІ СЦРРсС...
С,РµСХР°РіС-СЦ РіСХРµРІР°СХР°С,РсРј Р·РєРІРсСХР°Р»^{В®} С,СХРРсРІР°Р»Р° Р±С-Р»СХСРµРµ 1
СХРсРсС.

РҖР°СГ РІС-Рр С†Р°СГСР РСП°РрС...РсРРР»Рє РіРсРІС-РРсРјР»РµРсСЦ РіСХРс
РІРРСПРРсРµРµРµРсСЦ Р·Р»РсСЦРсС-СГРСПС... РіСрС...Р»РєРс (РІРР»СХС†Р°СХС†Рє
С...РсРРР¶РсС-РсСГСХРсСР Р»С-РјС,,РсРјСр) Ср РіР°С†С-С”РсС,С-РІ С-Р·
РСПµС,,СХРсС,РєС†РСПРј СГРРСПРсХРсРјРсРј, СЦРсС- РсС,СХРРсРјСРІР°Р»Р»Р»
Р»С-РсСРІР°Р»РсСЦ С-РјСРсРсСГСРіСХРµРµСГР°РсС,Р°РјРє (РІРР»СХС†Р°СХС†Рє
С†РРсР»РсСГРіРсСХРРсС).

*Р”РсРРР°С,РсРсРІС- Р·Р°РіРсР±С-Р¶РсС- Р·Р°С...РсРРР РіСХР РіСХРµРІРјР°С,РсС—РРРсРјСр
Р°СХС,СХРРсС,С-*

РµС-СГР»СЦ 6 РјС-СГСЦ†С-РІ С,РµСХР°РіС-С— С,,СРРсС†С-СХ РСПСХРсРє
РіРсС,СХС-Р±РсРс РІРР·РСП°С†Р°С,Рє РсРсР¶РсС- 4БХ”8 С,РєР¶РсС-РІ Р·Р°Р»РµР¶РсС
РІС-Рр СГС,Р°Р±С-Р»СХРсРсСГС,С- Р·Р°С...РІсСХСХРІР°РсСЦ, РсРРРсС†Р°СРІРсРіРс
РјРµРРРРсР»РјРсС,РсР·РсРсРіРс Р»С-РсСРІР°Р»РсСЦ С,Р° СГСРіСРіС,РсС-С...
Р·Р°С...РІсСХСХРІР°РсСХ. РҖР°СГС,С-С€С- РРсСГР»С-РРРµРµРсСЦ
РСПµРсР±С...С-РРсС- РіСХР РіС-РРРІРС%РµРµРсС- РРсР·Рє РіСХРµРІР°СХР°С,Ср
Р·РєРІРсСХР°Р»^{В®} Р°Р±Рс РіС-СГР»СЦ РіРсС†Р°С,РсС РсРРРсС†Р°СРІРсРіРс
Р»С-РсСРІР°Р»РсСЦ РСПµСГС,РµСХРсС—РРРРсРјРє РіСХРсС,РєР·Р°РіР°Р»Р»СХРсРє
РіСХРµРІР°СХР°С,Р°РјРє С†Рє РіС-РРРІРС%РµРµРсС- С—С...РсС-С... РРсР·.

Р’С-РРјС-РСП° РіСХРµРІР°СХР°С,Ср С,Р°РсРсР¶ РјРсР¶Рµ Р±СрС,Рє РСПµРсР±С...С-РРРсСХ,
СЦРсС%Рс Р°СХС,РµСХС-Р°Р»СХРсР° РіС-РіРµСХС,РµРсР·С-СЦ, С%Рс РІРРСПРРсР»Р° РСП°
С,Р»С- С,РµСХР°РіС-С РіСХРµРІР°СХР°С,РсРј Р·РєРІРсСХР°Р»^{В®}, РСПµ
РіС-РРРР°С”С,СХСГСЦ РсРсРсС,СХРсР»СХ Р·Р° РРсРіРсРјРсРіРсРсСХ РІС-РРРіРсРІС-РРРсС—
Р°РсС,РєРіС-РіРµСХС,РµРсР·РєРІРсРс— С,РµСХР°РіС-С—.

РІРсС- РіСХР Р,СХРРсРІР»Р»РсРјСр Р·Р°СГС,РсСГСРІР°РсС- С-РсСРРсС...
С-РјСРсРсСГСРіСХРµРµРІРсС... Р»С-РсР°СХСГСХРсС... Р·Р°СРсР±С-РІ, СГР»С-Рр
РІСХР°С...РсРІСРІР°С,Рє РіС-РРРІРС%РµРµРсС РіСХРР·Рє
Р»С-РјС,,РсРіСРсР»С-С,,РµСХР°С,РєРІРсС... СХРсР·Р»Рс-РІ. РхСГРсР±Р»РсС—
РсР±РµСХРµР¶РсСГС,С- РІРРсРіР°С” Р·Р°СГС,РсСГСРІР°РсСЦ РіСХРµРІР°СХР°С,Ср
Р·РєРІРсСХР°Р»^{В®} Ср РсРсРјР±С-РСП°С†С-С— Р· РµРµС,РсС,СХРµРсГР°С,РсРј С†РµСХРµР·
СГРРсРµРµРіС-С†РсС РСПµС,,СХРсС,РсРсСГРсС†РсС РрС-СХ.

Р”РсРРР°С,РсРсРІС- Р·Р°РіРсР±С-Р¶РсС- Р·Р°С...РсРРР РіСХР РіСГРсСХС-Р°Р·С-

РµСХРРсРіРсРµРµРµРсСЦ С,РµСХР°РіС-С— РіСХРµРІР°СХР°С,РсРј Р·РєРІРсСХР°Р»^{В®}
СХРµРсРјРµРсРјРµРсРсС”С,СХСГСЦ, СЦРсС%Рс Р°СХС,РµСХС-Р°Р»СХРсСр
РіС-РіРµСХС,РµРсР·С-СХ, С%Рс РІРРСПРРсР»Р° РСП° С,Р»С- Р»С-РсСРІР°Р»РсСЦ
РіСХРµРІР°СХР°С,РсРј Р·РєРІРсСХР°Р»^{В®}, РСПµ РІРР°С”С,СХСГСЦ
РсРсРсС,СХРсР»СХРІР°С,Рє Р·Р° РРсРіРсРјРсРіРсРсСХ РІС-РРРіРсРІС-РРРсС—
С,РµСХР°РіС-С—.

P>C-PeCfPIP°PSPSCl Π PīP°C†C-C" PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf C†P»C-Pr
PīCḡPsPIPsPrPëC,Pë PIPëPSCl ΠC,PePsPIPs PīCḡPë PSP°CΠIPSPsC†C,C-
C-PSPIP°P»C-PrPëP·CfCḡC†PëC... C,,PsCḡPj PīC†PsCḡC-P°P·Cf C,P° P·P° CfPjPsPIPë
PsC†PsP±P»PëPIPs CḡPμC,PμP»CHbPSPsPiPs PjPsPSC-C,PsCḡPëPSPiCf C,,CfPSPeC†C-C—
PSPëCḡPsPe.

P†C†PSCfC" C,C-P»CHbPePë PsP±PjPμP¶PμPSPëPNë PrPsC†PIC-Pr P·P°C†C,PsC†CfPIP°PSPSCl
PīCḡPμPīP°CḡP°C,Cf P·PePIPsCḡP°P»^{B®} PrC-C,CΠPj C-P· PīC†PsCḡC-P°P·PsPj.

PμPsPIC-PrPsPjP»CΠP»PsC†CΠ PīCḡPs CḡPsP·PIPëC,PsPe P·P»PsCΠPeC-C†PSPëC...
PSPsPIPsCfC,PIPsCḡPμPSCH (P·PsPeCḡPμPjP° C€PeC-CḡPë) Cf PīP°C†C-C" PSC,C-PI C-P·
PīC†PsCḡC-P°P·PsPj, CΠPeC- PīCḡPëPNëPjP°P»Pë C†PëPeP»PsC†PīPsCḡPëPS CΠPe
C†C,P°PSPrP°CḡC,PSPëPNë C-PjCfPSPsC†CfPīCḡPμC†PëPIPSPëPNë
C,PμCḡP°PīPμPIC,PëC†PSPëPNë P·P°C†C-P±. PkPμC,PëPīPsPIC- PrP»CΠ PīC†PsCḡC-P°P·Cf
C€PeC-CḡPSC- PIPsPiPSPëC°P°, PīC-PrPsP·CḡC-P»C- PSP° P·P»PsCΠPeC-C†PSC- P°P±Ps
PīPμCḡPμPrCḡP°PePsPIC- P·PjC-PSPë, PīC-PrP»CΠPiP°CḡC,CH P±C-PsPīC†C-C— PrPs
PīPsC†P°C,PeCf P»C-PeCfPIP°PSPSCl PīCḡPμPīP°CḡP°C,PsPj P·PePIPsCḡP°P»^{B®}.
PμP°C†C-C" PSC,Pë P·C- P·P»PsCΠPeC-C†PSPëPjPë C†Pë PīPμCḡPμPrCḡP°PePsPIPëPjPë
P·PjC-PSP°PjPë C€PeC-CḡPë PīPsPIPëPSPSC- P·P°C†C,PsC†PsPICfPIP°C,Pë PīCḡPμPīP°CḡP°C,
C,C-P»CHbPePë PīC-C†P»CΠ PIC-PrPīPsPIC-PrPSPsPiPs P»C-PeCfPIP°PSPSCl C€PeC-CḡPSPëC...
PIPsPiPSPëC° C- CΠPeC°Ps C-PSC€C- PIP°CḡC-P°PSC,Pë CfC†PīC-C€PSPsC—
C,PμCḡP°PīC-C— PIC-PrC†CfC,PSC-.

Pj PrPμCΠPePëC... PīP°C†C-C" PSC,C-PI C-P· PīC†PsCḡC-P°P·PsPj, CΠPeC- PīCḡPëPNëPjP°P»Pë
PīCḡPμPīP°CḡP°C, P·PePIPsCḡP°P»^{B®}, PIPëPSPëPeP»Pë
P»C-PjC,,PsPīCḡPsP»C-C,,PμCḡP°C,PëPIPS- CḡPsP·P»P°PrPë. P'PsPSPë PjPëPSP°P»Pë
PīC-C†P»CΠ C€PIPëPrPePsC— PIC-PrPjC-PSPë PīCḡPμPīP°CḡP°C,Cf.

PμP°C†C-C" PSC,Pë, CΠPeC- PīCḡPëPNëPjP°CḡC,CH PīCḡPμPīP°CḡP°C, P·PePIPsCḡP°P»^{B®}, PSPμ
PīPsPIPëPSPSC- PsPrPSPsC†P°C†PSPs PsC,CḡPëPjCfPIP°C,Pë PsPīCḡPsPjC-PSPμPSPSCl
CfP»CHbC,CḡP°C,,C-PsP»PμC,PsPIPëPjPë PīCḡPsPjPμPSClPjPë P' P°P±Ps PUVA-
C,,PsC,PsC...C-PjC-PsC,PμCḡP°PīC-Cḡ.

P"PsPrP°C,PePsPIC- P·P°PīPsP±C-P¶PSC- P·P°C...PsPrPë PīCḡPë P°C,PsPīC-C†PSPsPjCž
PrPμCḡPjP°C,PëC,C-

PμCḡPëPīPëPSPμPSPSCl C,PμCḡP°PīC-C— PīCḡPμPīP°CḡP°C,PsPj P·PePIPsCḡP°P»^{B®}
CḡPμPePsPjPμPSPrCfC" C,CHC†CΠ, CΠPeC°Ps P°CḡC,PμCḡC-P°P»CHbPSCf
PīC-PīPμCḡC,PμPSP·C-Cḡ, C°Ps PIPëPSPëPeP»P° PSP° C,P»C- P·P°C†C,PsC†CfPIP°PSPSCl
PīCḡPμPīP°CḡP°C,Cf P·PePIPsCḡP°P»^{B®}, PSPμ PIPrP°C" C,CHC†CΠ PePsPSC,CḡPsP»CHbPIP°C,Pë
P·P° PrPsPīPsPjPsPiPsCḡ PIC-PrPīPsPIC-PrPSPsC— C,PμCḡP°PīC-C—.

P"PsC†PIC-Pr P·P°C†C,PsC†CfPIP°PSPSCl PīCḡPμPīP°CḡP°C,Cf P·PePIPsCḡP°P»^{B®} PrC-C,CΠPj
P·P°C,PsPīC-C†PSPëPj PrPμCḡPjP°C,PëC,PsPj PsP±PjPμP¶PμPSPëPNë.

P>C-PeCfPIP°PSPSCl Π PīP°C†C-C" PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCf C†P»C-Pr
PīCḡPsPIPsPrPëC,Pë PIPëPeP»CḡC†PSPs PīCḡPë PSP°CΠIPSPsC†C,C-
C-PSPIP°P»C-PrPëP·CfCḡC†PëC... C,,PsCḡPj P°C,PsPīC-C†PSPsPiPs PrPμCḡPjP°C,PëC,Cf C,P°
P·P° CfPjPsPIPë PsC†PsP±P»PëPIPs CḡPμC,PμP»CHbPSPsPiPs PjPsPSC-C,PsCḡPëPSPiCf
C,,CfPSPeC†C-C— PSPëCḡPsPe.

P"PsP±CḡPsCΠPeC-C†PSP° P»C-PjC,,P°PrPμPSPsPīP°C,C-CΠ C†P°C†C,Ps

Р°СГРsСГС-С-СГС"С,СГСГГСГ С-Р· Р·Р°РiРsСГГС,СГРРμPSPSCГРРjРë РiСГРРë Р°С,РsРiС-С±PSPsРjСГ РrРμСГРРjР°С,РëС,С- С- Р·Р°РiРР¶РrРë РjРëPSP°С" СГРiРsPSC,Р°PSPSPs Р°Р±Рs РiСГРРë Р·Р°РiР°Р»СГРPSPsРjСГ РiРsР»РμРiС€РμPSPSC- Р·Р°С...РiРsСГРРiР°PSPSCГ.

Р>С-РjС,,Р°РrРμPSPsРiР°С,С-СГ, С%Рs СГРiРsСГГС,РμСГС-РiР°С"С,СГСГГСГ PSP° С,Р»С- Р»С-РeСГРiР°PSPSCГ СГРëРeР»РsСГРiРsСГРРëPSPsРj, РiРëРjР°РiР°С" СГРРμРiСГР»СГСГРPSPsРiРs РjРsPSC-С,РsСГРРëPSPiСГ.

РiРeС%Рs Р»С-РjС,,Р°РrРμPSPsРiР°С,С-СГ Р·Р±РμСГС-РiР°С"С,СГСГГСГ, PSPμР·РiР°Р°Р°СГРë PSP° Р·РjРμPSC€РμPSPSCГ Р°РeС,РëРiРPSPsСГГС,С- Р·Р°С...РiРsСГРРiР°PSPSCГ, PSPμРsР±С...С-РrPSPs РiСГРsРiРμСГГС,Рë Р±С-РsРiСГГС-СГ СГРe Р·Р°РiРsР±С-Р¶PSPëР№ Р·Р°С...С-Рr РrР»СГ РiС-РrС,РiРμСГРrР¶РμPSPSCГ РiС-РrСГГС,РSPsСГГС,С- Р»С-РjС,,РsРjРë.

РμРμСГРРμРr С,РëРj, СГРe СГРsР·РiРsС±РëPSP°С,Рë Р»С-РeСГРiР°PSPSCГ РiСГРРiР°СГР°С,РsРj Р·РeРiРsСГР°Р»^{В®}, СГР»С-Рr РrР°С,Рë С...РiРsСГРsРjСГ РsРrСГР¶Р°С,Рë РiС-Рr СГРiСГРëС±РëPSPμPSPС— РiС-СГГГСГРsРj РiСГРsСГГС,РsРiРs РiРμСГРiРμСГГС Р°РeС,РëРiРPSPС— С-PSC,,РμРeСГС-С—, Р°Р» Рμ С,Р°РeР° С-PSC,,РμРeСГС-СГ PSPμ РsР±РsРiРbГ™ СГР·РeРsРiРs РiРëРjР°РiР°С" РiС-РrРjС-PSPë РiСГРРiР°СГР°С,СГ, СГРeС%Рs РiРëPSPëРeР°С" PSP° С,Р»С- Р»С-РeСГРiР°PSPSCГ (РsРeСГС-Рj С,СГР¶РeРëС... С-PSC,,РμРeСГС-Р№).

Р±PSC,,РμРeСГС-С— С€РeС-СГРë, СГРiСГРРëС±РëPSPμPSC- *Staphylococcus aureus*, PSPμ С" Р°Р±СГРsР»СГС,РSPëРj РiСГРsС,РëРiРsРeР°Р·Р°PSPSCГ РrРs С,РμСГР°РiС-С— РiСГРРiР°СГР°С,РsРj Р·РeРiРsСГР°Р»^{В®}, Р°Р» РiРëРjР°РiР°СГГС,СГ Р»С-РeСГРiР°PSPSCГ РiС-РrРiРsРiС-РrPSPëРjРë Р°PSC,РëР±Р°РeС,РμСГС-Р°Р»СГРPSPëРjРë Р·Р°СГРsР±Р°РjРë. РŸР»С-Рr СГРPSPëРeР°С,Рë РiРμСГРsСГР°Р»СГРPSPsРiРs Р·Р°СГС,РsСГГГРiР°PSPSCГ РμСГРëС,СГРsРjС-СГРëPSCГ, С%Рs, СГРe РiС-РrРsРjРs, РjР°С" Р·РrР°С,PSC-СГГС,СГ РiС-РrРiРëС%СГРiР°С,Рë РeРsPSCГРμPSC,СГР°СГС-СГ СГРëРeР»РsСГРiРsСГРРëPSCГ СГ РeСГРsРiС-, Р°Р±Рs, РiСГРë РiС-РrСГГС,РSPsСГГС,С- Р°Р»СГ,РμСГРPSP°С,РëРiРë, СГРРμРeРsРjРμPSPrСГС"С,СГСГГСГ СГРРμС,РμР»СГРPSPëР№ РjРsPSC-С,РsСГРРëPSPi СГС-РiPSC-Рi СГРëРeР»РsСГРiРsСГРРëPSCГ СГ РeСГРsРiС-, С,,СГРSPeСГС-С— PSPëСГРsРe С,Р° РiРsР±С-С±PSPëС... РμС,,РμРeС,С-Рi СГРëРeР»РsСГРiРsСГРРëPSCГ.

РμР°СГС-С"PSC,Р°Рj, СГРeС- РiСГРРëР№РjР°СГГС,СГ РiСГРРiР°СГР°С, Р·РeРiРsСГР°Р»^{В®}, PSPμ СГР»С-Рr РsРrPSPsСГР°СГРSPs РiСГРëР·РSP°С±Р°С,Рë РsРiСГРsРjС-PSPμPSPSCГ СГР»СГ,СГР°С,,С-РsР»РμС,РsРiРëРjРë РiСГРsРjРμPSCГРjРë Р' Р°Р±Рs РUVA- С,,РsС,РsС...С-РjС-РsС,РμСГР°РiС-СГ.

Р—Р°СГГС,РsСГГСРiР°PSPSCГ РiСГРРiР°СГР°С,СГ РiРμРrС-Р°С,СГС-С— РiСГРë PSPμ РiРsРiРbГ™ СГР·Р°PSPëС... С-Р· С,СГР°PSCГРiР»Р°PSC,Р°СГС-С"СГ РiРsРeР°Р·Р°PSPSCГ...

Р—Р° РiРëPSCГС,РeРsРj Р»С-РeСГРiР°PSPSCГ PSPμС,,СГРsС,РëС±PSPsРiРs СГРëPSPrСГРsРjСГ, Р°РrРμРeРiР°С,РSPëР№ РrРsСГРiС-Рr Р·Р°СГГС,РsСГГГРiР°PSPSCГ РiСГРРiР°СГР°С,СГ Р·РeРiРsСГР°Р»^{В®} РiС-РrСГГС,PSC-Р№; Р№РsРiРs Р·Р°СГГС,РsСГГГРiР°PSPSCГ РrС-С,СГР РiС-РeРsРj РrРs 16 СГРsРeС-Рi Р·Р° PSPμ РiРsРiРbГ™ СГР·Р°PSPëРjРë Р· С,СГР°PSCГРiР»Р°PSC,Р°СГС-С"СГ РiРsРeР°Р·Р°PSPSCГРjРë, РeСГС-Рj PSPμС,,СГРsС,РëС±PSPsРiРs СГРëPSPrСГРsРjСГ, PSPμ РjРsР¶Рμ Р±СГС,Рë СГРРμРeРsРjРμPSPrРsРiР°PSPëРj.

РkРμ Р·Р°СГГС,РsСГГГРiР°РiР°С,Рë РiС-СГР»СГ Р·Р°РeС-PSC±РμPSPSCГ С,РμСГРjС-PSCГ РiСГРëРrР°С,РSPsСГГС,С-, Р·Р°Р·РSP°С±РμPSPsРiРs PSP° СГРiР°РeРsРiСГС-.

$\text{P}\mu\text{C}\eta\text{PsC}, \text{P}\mu \text{ P}^\circ\text{PrP}\mu\text{PePIP}^\circ\text{C}, \text{PSP}\ddot{\text{e}}\text{C} \dots \text{C} - \text{PrPsP} \pm \text{C}\eta\text{P}\mu \text{ PePsPSC}, \text{C}\eta\text{PsP} \gg \text{CH}\text{PsPIP}^\circ\text{PSP}\ddot{\text{e}}\text{C} \dots$
 $\text{PrPsC}\dot{\text{I}}\text{P} \gg \text{C} - \text{PrP}\P\text{P}\mu\text{PSC}\text{H} \text{ Cr PIP}^\circ\text{PiC} - \text{C}, \text{PSP}\ddot{\text{e}}\text{C} \dots \text{P}\P\text{C} - \text{PSPsPe PSP}\mu \text{ PiC}\eta\text{PsPIPsPrP}\ddot{\text{e}}\text{P} \gg \text{PsC}\dot{\text{I}}\text{C}\P,$
 $\text{C}, \text{PsPjCr} \text{ P} \bullet \text{PePIPsC}\eta\text{P}^\circ\text{P} \gg^{\text{B}\otimes} \text{Cr PiP}\mu\text{C}\eta\text{C} - \text{PsPr PIP}^\circ\text{PiC} - \text{C}, \text{PSPsC}\dot{\text{I}}\text{C}, \text{C} -$
 $\text{P} \cdot \text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{PsC}\dot{\text{I}}\text{PsPICrC}\text{H}, \text{CH} \text{ P} \gg \text{P}\ddot{\text{e}}\text{C}\text{€P}\mu \text{ C}, \text{PsPrC} -, \text{PePsP} \gg \text{PsC}\ddot{\text{+}}\text{C} - \text{PeCrPIP}^\circ\text{PSP}^\circ$
 $\text{PePsC}\eta\text{P}\ddot{\text{e}}\text{C}\dot{\text{I}}\text{C}, \text{CH} \text{ PrP} \gg \text{C}\P \text{ PjP}^\circ\text{C}, \text{P}\mu\text{C}\eta\text{C} - \text{PIP}\ddot{\text{e}}\text{PiC}\eta\text{P}^\circ\text{PIPrPsPICrC}'' \text{ PiPsC}, \text{P}\mu\text{PSC}\dot{\text{+}}\text{C} - \text{PN}\otimes\text{PSP}\ddot{\text{e}}\text{PN}\otimes$
 $\text{C}\eta\text{P}\ddot{\text{e}}\text{P} \cdot \text{P}\ddot{\text{e}}\text{Pe PrP} \gg \text{C}\P \text{ PiP} \gg \text{PsPrP}^\circ. \text{P}\mu\text{C} - \text{Pr C}\ddot{\text{+}}\text{P}^\circ\text{C}\dot{\text{I}} \text{ P} \cdot \text{P}^\circ\text{C}\dot{\text{I}}\text{C}, \text{PsC}\dot{\text{I}}\text{CrPIP}^\circ\text{PSPSC}\P \text{ Cr PiP}\mu\text{C}\eta\text{C} - \text{PsPr}$
 $\text{PIP}^\circ\text{PiC} - \text{C}, \text{PSPsC}\dot{\text{I}}\text{C}, \text{C} - \text{C}, \text{P}^\circ\text{PePsP}\P \text{ C}\dot{\text{I}}\text{P} \gg \text{C} - \text{Pr PIC}\eta\text{P}^\circ\text{C} \dots \text{PsPICrPIP}^\circ\text{C}, \text{P}\ddot{\text{e}} \text{PSP}^\circ\text{C}\P\text{IPSC} - \text{C}\dot{\text{I}}\text{C}, \text{CH}$
 $\text{P}\mu\text{C}, \text{P}^\circ\text{PSPsP} \gg \text{Cr Cr P} \gg \text{C} - \text{PeP}^\circ\text{C}\eta\text{C}\dot{\text{I}}\text{CH}\text{PeP}\ddot{\text{e}}\text{C} \dots \text{C}, \text{PsC}\eta\text{PjP}^\circ\text{C} \dots \text{PiC}\eta\text{P}\mu\text{PiP}^\circ\text{C}\eta\text{P}^\circ\text{C}, \text{Cr}$

$P \bullet PePIP_s C_{\bar{H}} P^{\circ} P \gg^{B^{\circ}}$.

$P|P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PS \ P\ddot{i}C_{\bar{H}}PsPSP\ddot{e}PeP^{\circ}C'' \ C\bar{r} \ P\ddot{i}C_{\bar{H}}C\bar{r}PrPSP_{\mu} \ P_jPsP \gg PsPePs. \ P\ddot{Y}P \gg C-Pr$
 $PIC_{\bar{H}}P^{\circ}C...PsPIC\bar{r}PIP^{\circ}C, P\ddot{e} \ PSP^{\circ}C\bar{I}PIPSC-C\bar{I}C, CH \ P_{\mu}C, P^{\circ}PSPsP \gg C\bar{r} \ C\bar{r} \ P \gg C-PeP^{\circ}C_{\bar{H}}C\bar{I}CHPeP\ddot{e}C...$
 $C,,PsC_{\bar{H}}P_jP^{\circ}C... \ P\ddot{i}C_{\bar{H}}P_{\mu}P_iP^{\circ}C_{\bar{H}}P^{\circ}C, C\bar{r} \ P \bullet PePIP_s C_{\bar{H}} P^{\circ} P \gg^{B^{\circ}} \ P\bar{I}C-PSPeP^{\circ}P_j \ C\bar{r} \ P_iP_{\mu}C_{\bar{H}}C-PsPr$
 $P_iPsPrC\bar{r}PIP^{\circ}PSPSC\bar{I} \ P\ddot{i}C_{\bar{H}}C\bar{r}PrPrC_{\bar{H}}. \ P-C-PSPeP^{\circ}P_j, \ C\bar{I}PeC- \ PsC, C_{\bar{H}}P\ddot{e}P_jC\bar{r}C_{\bar{H}}C, CH$
 $C, P_{\mu}C_{\bar{H}}P^{\circ}P_iC-C_{\bar{H}} \ C\bar{r}P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PSPsP_j, \ C\bar{I}P \gg C-Pr \ C\bar{r}C, C_{\bar{H}}P\ddot{e}P_jP^{\circ}C, P\ddot{e}C\bar{I}CH \ PIC-Pr$
 $P_iPsPrC\bar{r}PIP^{\circ}PSPSC\bar{I} \ P\ddot{i}C_{\bar{H}}C\bar{r}PrPrC_{\bar{H}} \ C\bar{r}P_{\mu}C_{\bar{H}}P_{\mu}P \cdot \ P \cdot PrP^{\circ}C, PSC-C\bar{I}C, CH$
 $C\bar{r}P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PSC\bar{r} \ PIP\ddot{e}PeP \gg P\ddot{e}PeP^{\circ}C, P\ddot{e} \ C\bar{I}P_{\mu}C_{\bar{H}}PN_{\bar{e}}PsP \cdot PSC- \ P_iPsP \pm C-C\bar{r}PSC-$
 $C_{\bar{H}}P_{\mu}P^{\circ}PeC\bar{r}C-C- \ C\bar{r} \ PSPsPIP_sPSP^{\circ}C_{\bar{H}}PsPrP\bar{I}P_{\mu}PSP\ddot{e}C.../PSP_{\mu}P_jPsPIP \gg C\bar{I}C, \ PSP^{\circ}$
 $P\ddot{i}C_{\bar{H}}C\bar{r}PrPSPsP_jC\bar{r} \ PIP\ddot{e}P_iPsPrPsPIC\bar{r}PIP^{\circ}PSPSC-. \ P\ddot{Y}P \gg C-Pr \ P\ddot{i}C_{\bar{H}}P\ddot{e}PN_{\bar{e}}PSC\bar{I}C, P\ddot{e}$
 $C_{\bar{H}}C-C\bar{e}P_{\mu}PSPSC\bar{I} \ P\ddot{i}C_{\bar{H}}Ps \ C\bar{r}C, C_{\bar{H}}P\ddot{e}P_jP^{\circ}PSPSC\bar{I} \ PIC-Pr \ P_iPsPrC\bar{r}PIP^{\circ}PSPSC\bar{I} \ P\ddot{i}C_{\bar{H}}C\bar{r}PrPrC_{\bar{H}}$
 $P^{\circ}P \pm Ps \ P\ddot{i}C_{\bar{H}}P\ddot{e}PN_{\bar{e}}PsP_jC\bar{r} \ P\ddot{i}C_{\bar{H}}P_{\mu}P_iP^{\circ}C_{\bar{H}}P^{\circ}C, C\bar{r}, \ P \cdot PIP^{\circ}P\bar{I}P\ddot{e}PIC\bar{e}P\ddot{e} \ PIP^{\circ}P\bar{I}P \gg P\ddot{e}PIC-C\bar{I}C, CH$
 $P\ddot{i}C_{\bar{H}}P_{\mu}P_iP^{\circ}C_{\bar{H}}P^{\circ}C, C\bar{r} \ PrP \gg C\bar{I} \ P_jP^{\circ}C, P_{\mu}C_{\bar{H}}C-.$

$P''P^{\circ}PSC- \ C\%PsPrPs \ PIP_iP \gg P\ddot{e}PIC\bar{r} \ C\bar{r}P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PSC\bar{r} \ PSP^{\circ}$
 $C,,P_{\mu}C_{\bar{H}}C, P\ddot{e}P \gg CHPePSC-C\bar{I}C, CH \ P \gg C_{\bar{H}}PrP\ddot{e}PSP\ddot{e} \ PsP \pm P_jP_{\mu}P\bar{I}P_{\mu}PSC-.$

$P-PrP^{\circ}C, PSC-C\bar{I}C, CH \ PIP_iP \gg P\ddot{e}PIP^{\circ}C, P\ddot{e} \ PSP^{\circ} \ C\bar{e}PIP\ddot{e}PrPeC-C\bar{I}C, CH \ C_{\bar{H}}P_{\mu}P^{\circ}PeC\bar{r}C-C- \ P\ddot{i}C_{\bar{H}}P\ddot{e}$
 $PeP_{\mu}C_{\bar{H}}C\bar{r}PIP^{\circ}PSPSC- \ P^{\circ}PIC, PsC, C_{\bar{H}}P^{\circ}PSC\bar{I}P_iPsC_{\bar{H}}C, PsP_j \ P^{\circ}P \pm Ps \ C-PSC\bar{e}P\ddot{e}P_jP\ddot{e}$
 $P_jP_{\mu}C...P^{\circ}PSC-P \cdot P_jP^{\circ}P_jP\ddot{e}.$

$P''P^{\circ}PSC- \ C\%PsPrPs \ PIP_iP \gg P\ddot{e}PIC\bar{r} \ C\bar{r}P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PSC\bar{r} \ PSP^{\circ} \ P \cdot PrP^{\circ}C, PSC-C\bar{I}C, CH$
 $PeP_{\mu}C_{\bar{H}}C\bar{r}PIP^{\circ}C, P\ddot{e} \ P^{\circ}PIC, PsC, C_{\bar{H}}P^{\circ}PSC\bar{I}P_iPsC_{\bar{H}}C, PsP_j \ P^{\circ}P \pm Ps \ P\ddot{i}C_{\bar{H}}P^{\circ}C\bar{r}CHPIP^{\circ}C, P\ddot{e} \ P \cdot$
 $C-PSC\bar{e}P\ddot{e}P_jP\ddot{e} \ P_jP_{\mu}C...P^{\circ}PSC-P \cdot P_jP^{\circ}P_jP\ddot{e} \ PIC-PrC\bar{I}C\bar{r}C, PSC-.$

$P\ddot{Y}P_iPsC\bar{I}C-P \pm \ P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \ C, P^{\circ} \ PrPsP \cdot P\ddot{e}.$

$P \bullet PePIP_s C_{\bar{H}} P^{\circ} P \gg^{B^{\circ}} \ P_jPsP\bar{I}P_{\mu} \ P\ddot{i}C_{\bar{H}}P\ddot{e}P \cdot PSP^{\circ}C\bar{r}P^{\circ}C, P\ddot{e} \ P \gg P\ddot{e}C\bar{e}P_{\mu} \ P \gg C-PeP^{\circ}C_{\bar{H}}, \ C\bar{I}PeP\ddot{e}PN_{\bar{e}} \ P_jP^{\circ}C''$
 $PrPsC\bar{I}PIC-Pr \ P\ddot{i}C_{\bar{H}}PsPIP_{\mu}PrP_{\mu}PSPSC\bar{I} \ C-P_jC\bar{r}PSPsC\bar{I}C\bar{r}P\ddot{i}C_{\bar{H}}P_{\mu}C\bar{I}P\ddot{e}PIPSPsC- \ C, P_{\mu}C_{\bar{H}}P^{\circ}P_iC-C-$
 $C, P^{\circ}/P^{\circ}P \pm Ps \ C, C_{\bar{H}}P^{\circ}PSC\bar{I}P_iP \gg P^{\circ}PSC, P^{\circ}C\bar{r}C-C- \ PsC_{\bar{H}}P_iP^{\circ}PSC-PI, \ P^{\circ}P \pm Ps \ P_iC-Pr \ PN_{\bar{e}}PsP_iPs$
 $PePsPSC, C_{\bar{H}}PsP \gg P_{\mu}P_j.$

$P-P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I}$

$P\acute{K}P^{\circ}PIP_{\mu}PrP_{\mu}PSC- \ PrC-P^{\circ}P_iP^{\circ}P \cdot PsPSP\ddot{e} \ PrPsP \cdot \ PrP \gg C\bar{I} \ P_iP_{\mu}C_{\bar{H}}PsC_{\bar{H}}P^{\circ}P \gg CHPePsP_iPs$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \ C\bar{I}P \gg C-Pr \ C_{\bar{H}}PsP \cdot P_iP \gg C\bar{I}PrP^{\circ}C, P\ddot{e} \ P \gg P\ddot{e}C\bar{e}P_{\mu} \ C\bar{I}Pe$
 $C_{\bar{H}}P_{\mu}PePsP_jP_{\mu}PSPPrPsPIP^{\circ}PSC-. \ P''PsP \pm PsPIC\bar{r} \ PrPsP \cdot C\bar{r} \ P\ddot{i}C_{\bar{H}}P_{\mu}P_iP^{\circ}C_{\bar{H}}P^{\circ}C, C\bar{r} \ P \bullet PePIP_s C_{\bar{H}} P^{\circ} P \gg^{B^{\circ}},$
 $P \cdot P^{\circ}PIP\bar{I}PrP\ddot{e} \ C\bar{I}P \gg C-Pr \ PrC-P \gg P\ddot{e}C, P\ddot{e} \ PSP^{\circ} \ 2 \ P\ddot{i}C_{\bar{H}}P\ddot{e}PN_{\bar{e}}PsP_jP\ddot{e} \ P \cdot \ C_{\bar{H}}C-PIPSP\ddot{e}P_jP\ddot{e}$
 $P\ddot{i}C_{\bar{H}}PsP_jC-P\bar{I}PeP^{\circ}P_jP\ddot{e} \ C\bar{r}P^{\circ}C\bar{I}C\bar{r} \ P_jC-P\bar{I} \ P\ddot{i}C_{\bar{H}}P\ddot{e}PN_{\bar{e}}PsP_jP^{\circ}P_jP\ddot{e}. \ P \ P_{\mu}PePsP_jP_{\mu}PSPPrPsPIP^{\circ}PSPs$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}C, P\ddot{e} \ P \bullet PePIP_s C_{\bar{H}} P^{\circ} P \gg^{B^{\circ}} \ P \cdot P^{\circ} \ C\bar{r}C-C, PeP\ddot{e}P_j \ P\ddot{i}C_{\bar{H}}P^{\circ}C,,C-PePsP_j \ P \cdot$
 $C\bar{r}C_{\bar{H}}P^{\circ}C...C\bar{r}PIP^{\circ}PSPSC\bar{I}P_j \ C\bar{r}P^{\circ}C\bar{I}C\bar{r} \ PrPsP \pm P\ddot{e} \ C, P^{\circ} \ C_{\bar{H}}P_{\mu}P\bar{I}P\ddot{e}P_jC\bar{r} \ C...P^{\circ}C_{\bar{H}}C\bar{r}PIP^{\circ}PSPSC\bar{I}.$
 $P_{\bar{L}}P^{\circ}P\ddot{i}C\bar{I}C\bar{r}P \gg P\ddot{e} \ C\bar{I}P \gg C-Pr \ P\ddot{i}C_{\bar{H}}P\ddot{e}PN_{\bar{e}}P_jP^{\circ}C, P\ddot{e} \ C_{\bar{H}}P^{\circ}P \cdot PsP_j \ C-P \cdot \ PSP_{\mu}PIP_{\mu}P \gg P\ddot{e}PePsC_{\bar{H}}$
 $PeC-P \gg CHPeC-C\bar{I}C, C_{\bar{H}} \ PIPsPrP\ddot{e} \ C- \ PePsPIC, P^{\circ}C, P\ddot{e} \ C\bar{r}C-P \gg P\ddot{e}P_jP\ddot{e}, \ PSP_{\mu}$
 $C_{\bar{H}}PsP \cdot P\bar{I}PsPIC\bar{r}C_{\bar{H}}C\bar{r}P\ddot{e}. \ P_{\mu}C_{\bar{H}}P\ddot{e} \ PSP_{\mu}PsP \pm C...C-PrPSPsC\bar{I}C, C- \ P\ddot{i}C_{\bar{H}}P\ddot{e}P \cdot PSP^{\circ}C\bar{r}P_{\mu}PSPSC\bar{I}$
 $C\bar{r}P\ddot{e}PeP \gg PsC\bar{I}P_iPsC_{\bar{H}}P\ddot{e}PSC\bar{r} \ C\bar{r} \ PrPsP \cdot C- \ P_jP_{\mu}PSC\bar{e}P_{\mu} \ 10 \ P_jP_i \ P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}C, P\ddot{e}$
 $P\ddot{i}C_{\bar{H}}P_{\mu}P_iP^{\circ}C_{\bar{H}}P^{\circ}C, \ C\bar{r} \ PSP_{\mu}PsP \pm C...C-PrPSPsP_jC\bar{r} \ PrPsP \cdot C\bar{r}PIP^{\circ}PSPSC- \ P^{\circ}P \pm Ps$
 $P \gg C-PeP^{\circ}C_{\bar{H}}C\bar{I}CHPeC-PN_{\bar{e}} \ C,,PsC_{\bar{H}}P_jC-.$

PμPsPeP°P·P°PSPSCΠ ΠiCḡPē C,CḡP°PSCΓPiP»P°PSC,P°C†C-C—

PκPμPsP±C...C-PrPSPēPNē CḡPμPiCfP»CΠCḡPSPēPNē PjPsPSC-C,PSCḡPēPSPi CḡC-PIPSC-PI
C†PēPeP»PsCΓPiPsCḡPēPSCr PI PeCḡPsPIC- P·P° PrPsPiPsPjPsPiPsCḡ
CḡP°PrC-PsC-PjCfPSPSPsPiPs P°PSP°P»C-P·Cf C-P· P·P°CΓC,PSCΓCfPIP°PSPSCΠPj
PjPsPSPsPeP»PsPSP°P»CHPSPēC... P°PSC,PēC,C-P». PhC,CḡPēPjP°PSC- CḡPμP·CfP»CHC,P°C,Pē
C" ΠiC-PrCΓC,P°PIPsCḡ PrP»CΠ PIPēP·PSP°C†PμPSPSCΠ PrPsP·Pē, PSPμPsP±C...C-PrPSPsC—
PrP»CΠ PrPsCΓCΠPiPSPμPSPSCΠ C†C-P»CHPsPIPēC... PePsPSC†PμPSC,CḡP°C†C-PNē.

PjCḡP°PSCΓPiP»P°PSC,P°C†C-CΠ CΓPsP»C-PrPSPēC... PsCḡPiP°PSC-PI

PμPsC†P°C,PePsPIP° PrPsP·P° CΓC,P°PSPsPIPēC,CH 10Bḡ"15 PjPi/PePi PjP°CΓPē C,C-P»P°,
CḡPsP·PrC-P»PμPSP° PSP° 2 ΠiCḡPēPNēPsPjPē C- P·P°CΓC,PSCΓPsPIP°PSP° PjP°PeCΓPēPjCfPj
P·P° 12 PiPsPrPēPS PrPs C,CḡP°PSCΓPiP»P°PSC,P°C†C-C—. PμCḡPsC,CΠPiPsPj 1Bḡ"2
C,PēPΠPSC-PI ΠiC-CΓP»CΠ PsPiPμCḡP°C†C-C— ΠiCḡPμPiP°CḡP°C, P·P°CΓC,PSCΓPsPICfCḡC,CH
C%oPsPrPμPSPSPs CΓ C,P°PeC-PNē CΓP°PjC-PNē PrPsP·C-, ΠiC-CΓP»CΠ C†PsPiPs PrPsP·Cf
PiPsCΓC,CfPiPsPIPs P·PSPēPΠCfCḡC,CH ΠiC-Pr PePsPSC,CḡPsP»PμPj
PePsPSC†PμPSC,CḡP°C†C-C— C†PēPeP»PsCΓPiPsCḡPēPSCr CΓ PeCḡPsPIC- C,P°
C,,CfPSPeC†C-C— PSPēCḡPsPe PrPs PrPsCΓCΠPiPSPμPSPSCΠ ΠiC-PrC,CḡPēPjCfCḡC†PsC—
PrPsP·Pē
2Bḡ"6 PjPi/PePi/PrPsP±Cf (Cf 2 ΠiCḡPēPNēPsPjPē).

P·PePIPsCḡP°P»^{B°} PjPsPΠPμ P·P°CΓC,PSCΓPsPICfPIP°C,PēCΓCH CΓ PePsPjP±C-PSP°C†C-C— P·
C-PSCēPēPjPē C-PjCfPSPsPrPμPiCḡPμCΓP°PSC,P°PjPē Bḡ"
PePsCḡC,PēPePsCΓC,PμCḡPsC—PrP°PjPē, P° C,P°PePsPΠ CΓ CΓPeP»P°PrC-
PePsPjP±C-PSPsPIP°PSPsC— C,CḡPēPePsPjPiPsPSPμPSC,PSPsC— P°P±Ps
C†PsC,PēCḡPēPePsPjPiPsPSPμPSC,PSPsC— C,PμCḡP°PiC-C—. PκP° PiPsC†P°C,PeCf
P»C-PeCfPIP°PSPSCΠ PjPsPΠPSP° P·P°CΓC,PSCΓPsPICfPIP°C,Pē PSPēPΠC†C- PrPsP·Pē
(PSP°ΠiCḡPēPeP»P°Pr, PrPsP·Cf 3Bḡ"6 PjPi/PePi PSP° PrPsP±Cf PIPSCrC,CḡC-CēPSCḡPs,
CḡPsP·PiPsPrC-P»PμPSCr PSP° 2 ΠiCḡPēPNēPsPjPē).

*PjCḡP°PSCΓPiP»P°PSC,P°C†C-CΠ PeC-CΓC,PePsPIPsPiPs PjPsP·PeCz/ΠiCḡPsC,,C-P»P°PeC,PēPeP°
C,P° P»C-PeCzPIP°PSPSCΠ C...PIPsCḡPsP±Pē B<C,CḡP°PSCΓPiP»P°PSC,P°C, ΠiCḡPsC,Pē
C...P°P·CΠC—PSP°B»*

PκP° PiPsC†P°C,PeCf C,PμCḡP°PiC-C— CḡPμPePsPjPμPSPrPsPIP°PSCr PrPsP·Cf
P·P°CΓC,PSCΓPsPICfPIP°C,Pē P·P° 1 PrPsP±Cf ΠiPμCḡPμPr C,CḡP°PSCΓPiP»P°PSC,P°C†C-C"ḡC.

PiPēPeP»PsCΓPiPsCḡPēPSCr CΓ C,,PsCḡPjC- CḡPsP·C†PēPSCr PrP»CΠ C-PSC,,CfP·C-PNē,
P·P°P·PIPēC†P°PNē PIC-PrPrP°C"ḡC,CHCΓCΠ PiPμCḡPμPIP°PiP° PSP° PiPsC†P°C,PeCf
C,PμCḡP°PiC-C—, C...PsC†P° PjPsPΠCfC,CH PIPēPePsCḡPēCΓC,PSPICfPIP°C,PēCΓCH C-
P·PePIPsCḡP°P»^{B°}, PeP°PiCΓCfP»Pē PjBḡ™ CΠPeC-.

P PμPePsPjPμPSPrPsPIP°PSP° PrPsP·P° PrP»CΠ PIPSCrC,CḡC-CēPSCḡPsPIPμPSPSPsPiPs
PIPIPμPrPμPSPSCΠ CΓC,P°PSPsPIPēC,CH 3Bḡ"5 PjPi/PePi PSP° PrPsP±Cf. P†PSC,,CfP·C-PNēPSPμ
PIPIPμPrPμPSPSCΠ CΓ PrP°PSC-PNē PrPsP·C- ΠiCḡPsPrPsPIP°CfPIP°C,Pē ΠiCḡPsC,CΠPiPsPj
CḡP°PSPSCHPsPiPs PiPsCΓC,C,CḡP°PSCΓPiP»P°PSC,P°C†C-PNēPSPsPiPs PiPμCḡC-PsPrCf
C,CḡPēPIP°P»C-CΓC,Cḡ PrPs 2 C,PēPΠPSC-PI, ΠiC-CΓP»CΠ C†PsPiPs PiPμCḡPμC...PsPrPēC,Pē
PSP° PiPμCḡPsCḡP°P»CHPSCr ΠiC-PrC,CḡPēPjCfCḡC†Cf C,PμCḡP°PiC-Cḡ
ΠiCḡPμPiP°CḡP°C,PSPj P·PePIPsCḡP°P»^{B°} CΓ PrPsP±PsPIC-PNē PrPsP·C- ΠiCḡPēP±P»PēP·PSPs
12,5 PjPi/PePi, CḡPsP·PiPsPrC-P»PμPSC-PNē PSP° 2 ΠiCḡPēPNēPsPjPē.

$$\text{P}\ddot{\text{Y}}\text{PuCH}\text{P}^{\circ}\text{P}\ddot{\text{C}}-\text{CH}\text{P}\ddot{\text{C}}\text{H}\text{PuP}\ddot{\text{P}}^{\circ}\text{CH}\text{P}^{\circ}\text{C},\text{PsPj}\text{P}\cdot\text{PePIP}\text{SCH}\text{P}^{\circ}\text{P}\rangle^{\text{B}^{\circ}}\text{C}\dot{\text{T}}\text{P}\rangle\text{C}-\text{Pr}\text{P}\ddot{\text{C}}\text{H}\text{P}\ddot{\text{P}}\text{P}\ddot{\text{P}}\text{P}\ddot{\text{S}}\text{P}\ddot{\text{P}}\text{C},\text{P}\ddot{\text{e}}$$

ΠῖΠ°C†C-C''PSC,P°Pj, Cῑ CΠPePēC... ΠῑCḡPsC,CΠPiPsPj PICῑC,P°PSPsPIP»PμPSPsPiPs
ΠῑCḡPsPjC-P¶PeCῑ C‡P°CῑCῑ (PrP»CΠ PsC,CḡPēPjP°PSPSCΠ PrPμC,P°P»CHbPSPsC—
C-PSC,,PsCḡPjP°C†C-C— PrPēPI. PSPēP¶C‡Pμ) PSPμ PrPsCῑCΠPiP°C''C,CHbCῑCΠ
P°PrPμPePIP°C,PSPsC— PIC-PrPiPsPIC-PrC- PSP° P»C-PeCῑPIP°PSPSCΠ, P°P±Ps
PμC,,PμPeC,PēPIPSP° PrPsP·P° PSPμ PIC-PrPiPsPIC-PrP°C'' PICῑC,P°PSPsPIP»PμPSPēPj
CḡPμPePsPjPμPSPPrP°C†C-CΠPj P±PμP·PiPμPePē.

P•PSPPrPsPiPμPSPSPēPNḡ CḡPIPμC—C,

P''P»CΠ CῑPῑCḡPēCΠPSPSCΠ CḡPμPjC-CῑC-C— CḡPμPePsPjPμPSPPrPsPIP°PSPsCḡ
ΠῑPsC‡P°C,PePsPIPsCḡ PrPsP·PsCḡ C'' 5 PjPi/PePi PSP° PrPsP±Cῑ ΠῑPμCḡPsCḡP°P»CHbPSPs Cῑ
2 ΠῑCḡPēPNḡPsPjPē PrPs CḡPμPjC-CῑC-C— P°PeC,PēPIPSPsPiPs CῑPIPμP°P»CHbPSPsPiPs
P·P°ΠῑP°P»PμPSPSCΠ C,P° ΠῑPsPeCḡP°C%PμPSPSCΠ ΠῑPsCῑC,CḡPsC,Pē P·PsCḡCῑ.
Pj CḡPμC,,CḡP°PeC,PμCḡPSPēC... PIPēΠῑP°PrPeP°C... PrPsP·Cῑ PjPsP¶PSP° PSP°
PSPμC,CḡPēPIP°P»PēPNḡ ΠῑPμCḡC-PsPr P·P±C-P»CHbCēPēC,Pē PrPs 7 PjPi/PePi PSP° PrPsP±Cῑ.

P''P»CΠ PrPsCῑCΠPiPSPμPSPSCΠ ΠῑPsC‡P°C,PePsPIPsC— CḡPμPjC-CῑC-C— P°P±Ps
ΠῑCḡPsC,PēPrC-C— P·P°ΠῑPsCῑC,CḡPμPSPSCḡ P·P°ΠῑP°P»PμPSPSCΠ PsPeP°, Cῑ PIPēΠῑP°PrPeCῑ
PSPμPjPsP¶P»PēPIPsCῑC,C- PrPsCῑC,P°C,PSCHbPsPiPs PePsPSC,CḡPsP»Cḡ CῑPēC,CῑP°C†C-C—
ΠῑCḡPē PjPsPSPsC,PμCḡP°ΠῑC-C— ΠῑCḡPμΠῑP°CḡP°C,PsPj P·PePIPsCḡP°P»^{B®} PjPsP¶P»PēPIPμ
CῑCῑPjC-CῑPSPμ P·P°CῑC,PsCῑCῑPIP°PSPSCΠ C-P· CῑPēCῑC,PμPjPSPēPj
PePsCḡC,PēPePsCῑC,PμCḡPsC—PrPsPj, PSP°ΠῑCḡPēPeP»P°Pr ΠῑCḡPμPrPSC-P·PsPSPsPj Cῑ
PrPsP·C-
0,2Bḡ''0,6 PjPi/PePi P°P±Ps PμPePIC-PIP°P»PμPSC,PSPēPj P»C-PeP°CḡCῑCHbPePēPj
P·P°CῑPsP±PsPj. PμC-CῑP»CΠ 3 PjC-CῑCΠC†C-PI P»C-PeCῑPIP°PSPSCΠ PrPsP·Cῑ
PePsCḡC,PēPePsCῑC,PμCḡPsC—PrCῑ PjPsP¶PSP° P·PjPμPSCēPēC,Pē PrPs PSP°PNḡPjPμPSCēPsC—
PμC,,PμPeC,PēPIPSPsC— PrPsP·Pē.

PḡPμPsP±C...C-PrPSPs PIC-PrPjC-PSPēC,Pē ΠῑCḡPēPNḡPsPj ΠῑCḡPμΠῑP°CḡP°C,Cῑ
P·PePIPsCḡP°P»^{B®}, CΠPeC%Ps ΠῑC-CῑP»CΠ 3 PjC-CῑCΠC†C-PI P»C-PeCῑPIP°PSPSCΠ PSPμ
CῑΠῑPsCῑC,PμCḡC-ΠῑP°C''C,CHbCῑCΠ ΠῑPsPeCḡP°C%PμPSPSCΠ.

Pj C...PsPrC- ΠῑC-PrC,CḡPēPjCῑCḡC‡PsC— C,PμCḡP°ΠῑC-C— PrPsP·Cῑ CῑP»C-Pr
ΠῑPsPIC-P»CHbPSPs P·PjPμPSCēCῑPIP°C,Pē PrPs PrPsCῑCΠPiPSPμPSPSCΠ PSP°PNḡPjPμPSCēPsC—
PμC,,PμPeC,PēPIPSPsC— PrPsP·Pē, CΠPeP° Πῑ ΠῑPμCḡC-PsPr CḡPμPjC-CῑC-C— PSPμ
ΠῑPsPIPēPSPSP° ΠῑPμCḡPμPIPēC%CῑPIP°C,Pē 5 PjPi/PePi PSP° PrPsP±Cῑ.

PμPμCḡPμPr P·P°CῑC,PsCῑCῑPIP°PSPSCΠPj C-PjCῑPSPsCῑCῑΠῑCḡPμCῑPēPIPSPēC...
P»C-PeP°CḡCῑCHbPePēC... P·P°CῑPsP±C-PI CῑP»C-Pr PIPēPeP»CḡC‡PēC,Pē
C-PSC,,PμPeC†C-PNḡPSCῑ ΠῑCḡPēC‡PēPSCῑ CῑPIPμC—C,Cῑ.

P''PsP±PsPICῑ PrPsP·Cῑ PSPμPsP±C...C-PrPSPs P·PjPμPSCēPēC,Pē PIC-Pr 25 PrPs 50 %,
CΠPeC%Ps PePsPSC†PμPSC,CḡP°C†C-CΠ PeCḡPμP°C,PēPSC-PSCῑ Πῑ ΠῑP»P°P·PjC- PeCḡPsPIC-
ΠῑPμCḡPμPIPēC%CῑC'' PIPēC...C-PrPSPēPNḡ CḡC-PIPμPSCḡ P±C-P»CHbCēPμ PSC-P¶ PSP° 30 %
Cῑ P±C-P»CHbCēPμ PSC-P¶ PsPrPSPsPjCῑ PIPēPjC-CḡCḡPIP°PSPSC-, PSP°PIC-C,CHb CΠPeC%Ps
C†CΠ PePsPSC†PμPSC,CḡP°C†C-CΠ P·PSP°C...PsPrPēC,CHbCῑCΠ Πῑ PjPμP¶P°C... PSPsCḡPjPē.

PḡPμC,,CḡPsC,PēC‡PSPēPNḡ CῑPēPSPPrCḡPsPj

P''P»CΠ CῑPῑCḡPēCΠPSPSCΠ CḡPμPjC-CῑC-C— CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP±PsPIP°
PrPsP·P° CῑC,P°PSPsPIPēC,CHb 5 PjPi/PePi PrP»CΠ PrPsCḡPsCῑP»PēC... C- 6 PjPi/PePi PrP»CΠ
PrC-C,PμPNḡ, CḡPsP·ΠῑPsPrC-P»PμPSP° PSP° 2 ΠῑCḡPēPNḡPsPjPē, P·P° CῑPjPsPIPē CΠPeC%Ps,

P·P° PIPëPSCЦC,PePsPj PïCђPsC,PµC—PSCrCђC—C—, PSPëCђPePsPIP° C,,CfPSPeC†C—CЦ C”
PSPsCђPjP°P»CHëPSPsCђ. P”P»CЦ PïP°C†C—C”PSC,C-PI C-P· PïPsCђCfC€PµPSPSCЦPj
C,,CfPSPeC†C—C— PSPëCђPsPe PïPsC†P°C,PePsPIP° PrPsP·P° PïCђPµPïP°CђP°C,Cf PSPµ
PïPsPIPëPSPSP° PïPµCђPµPIPëC%oCfPIP°C,Pë 2,5 PjPi/PePi/PrPsP±Cf PIPSCfC,CђC—C€PSCђPs.

PµCђPë PSPµP·P°PrPsPIC—P»CHëPSC—PNë PjPsPSPsC,PµCђP°PïC—C— PïCђPµPïP°CђP°C,PsPj
P·PePIPsCђP°P»^{B®}, PsCfPsP±P»PëPIPs Cf CfC,PµCђPsC—PrCђPµP·PëCfC,PµPSC,PSPëC...
PïP°C†C—C”PSC,C-PI, PjPsP¶Pµ P±CfC,Pë PePsCђPëCfPSPsCђ PePsPjP±C—PSP°C†C—CЦ
PïCђPµPïP°CђP°C,Cf P·PePIPsCђP°P»^{B®} C,P° PSPëP·CHëPePëC... PrPsP·
PïPµCђPsCђP°P»CHëPSPëC... PePsCђC,PëPePsCfC,PµCђPsC—PrC-PI.

PђP°Cf PrPs PïPsPeCђP°C%oPµPSPSCЦ CfC,P°PSPsPIPëC,CHë PIC—Pr 3 PrPs 6 PjC—CfCЦC†C—PI,
P·P°P»PµP¶PSPs PIC—Pr C,PëPïCf PïP»PsPjPµCђCfP»PsPïP°C,C—C—. PïPeC%oPs PïCђPsC,CЦPïPsPj
PrP°PSPsPïPs PïPµCђC—PsPrCf PïPsPeCђP°C%oPµPSPSCЦ PSPµ
CfPïPsCfC,PµCђC—PïP°C”C,CHëCfCЦ, C,PµCђP°PïC—Cђ PïCђPµPïP°CђP°C,PsPj
P·PePIPsCђP°P»^{B®} CfP»C—Pr PïCђPëPïPëPSPëC,Pë.

P”PsP·Pë CfP»C—Pr PïC—PrP±PëCђP°C,Pë C—PSPrPëPIC—PrCfP°P»CHëPSPs, PIPëC...PsPrCЦC†Pë P·
PµC,,PµPeC,PëPIPsPSCfC,C— (PïCђPsC,PµC—PSCrCђC—CЦ) C,P° P±PµP·PïPµPePë, PIPsPSPë PSPµ
PïPsPIPëPSPSC— PïPµCђPµPIPëC%oCfPIP°C,Pë 5 PjPi/PePi PSP° PrPsP±Cf PrP»CЦ
PrPsCђPsCfP»PëC... C,P° 6 PjPi/PePi PSP° PrPsP±Cf PrP»CЦ PrC—C,PµPNë.

P”P»CЦ PïC—PrC,CђPëPjCfCђC†PsC— C,PµCђP°PïC—C— PrPsP·Pë CfP»C—Pr PïPsCfC,CfPïPsPIPs
C—PSPrPëPIC—PrCfP°P»CHëPSPs P·PjPµPSC€PëC,Pë PrPs PSP°PNëPSPëP¶C†PsPiPs
PµC,,PµPeC,PëPIPsPïPs CђC—PIPSCЦ.

P PµPIPjP°C,PsC—PrPSPëPNë P°CђC,CђPëC.

PµCђPsC,CЦPïPsPj PïPµCђC€PëC... 6 C,PëP¶PSC—PI P»C—PeCfPIP°PSPSCЦ
CђPµPePsPjPµPSPrPsPIP°PSP° PrPsP·P° CfC,P°PSPsPIPëC,CHë 3 PjPi/PePi PSP° PrPsP±Cf
PIPSCfC,CђC—C€PSCђPs, CђPsP·PïPsPrC—P»PµPSP° PSP° 2 PïCђPëPNëPsPjPë. Pj CђP°P·C—
PSPµPrPsCfC,P°C,PSCђPsPiPs PµC,,PµPeC,Cf PrPsP±PsPICf PrPsP·Cf PjPsP¶PSP°
PïPsCfC,CfPïPsPIPs P·P±C—P»CHëC€PëC,Pë, CЦPeC%oPs PrPsP·PIPsP»CЦC”
PïPµCђPµPSPsCfPëPjC—CfC,CHë, P°P»Pµ PSPµ PïPµCђPµPIPëC%oCfCђC†Pë 5 PjPi/PePi PSP°
PrPsP±Cf. P”P»CЦ PrPsCfCЦPïPSPµPSPSCЦ PjP°PeCfPëPjP°P»CHëPSPsC—
PµC,,PµPeC,PëPIPsPSCfC,C— P»C—PeCfPIP°PSPSCЦ PïCђPµPïP°CђP°C,PsPj P·PePIPsCђP°P»^{B®}
PjPsP¶PSP° PïCђPsPrPsPIP¶CfPIP°C,Pë PrPs 12 C,PëP¶PSC—PI.

P”P»CЦ PïC—PrC,CђPëPjCfCђC†PsC— C,PµCђP°PïC—C— PrPsP·Cf CfP»C—Pr C,PëC,CђCfPIP°C,Pë
C—PSPrPëPIC—PrCfP°P»CHëPSPs PrPs PrPsCfCЦPïPSPµPSPSCЦ PSP°PNëPSPëP¶C†PsC—
PµC,,PµPeC,PëPIPsPSC— PrPsP·Pë, P·P°P»PµP¶PSPs PIC—Pr PïPµCђPµPSPsCfPëPjPsCfC,C—.

P·PePIPsCђP°P»^{B®} PjPsP¶PSP° PïCђPëP·PSP°C†P°C,Pë Cf PïPsC”PrPSP°PSPSC— P·
PSPëP·CHëPePëPjPë PrPsP·P°PjPë PePsCђC,PëPePsCfC,PµCђPsC—PrC-PI C,P°/P°P±Ps
PSPµCfC,PµCђPsC—PrPSPëPjPë PïCђPsC,PëP·P°PïP°P»CHëPSPëPjPë PïCђPµPïP°CђP°C,P°PjPë
(PкPµP—Pµ). P·PePIPsCђP°P»^{B®} C,P°PePsP¶ PjPsP¶PSP° P·P°CfC,PsCfPsPICfPIP°C,Pë Cf
PePsPjP±C—PSP°C†C—C— P·PSPëP·CHëPePëPjPë PrPsP·P°PjPë PjPµC,PsC,CђPµPeCfP°C,Cf
C%oPsC,PëP¶PSCЦ Cf PIPëPïP°PrPeCf PSPµPµC,,PµPeC,PëPIPsPSCfC,C—
PjPsPSPsC,PµCђP°PïC—C— PsCfC,P°PSPSC—Pj. Pj PrP°PSPsPjCf PIPëPïP°PrPeCf
P·PePIPsCђP°P»^{B®} PïCђPëP·PSP°C†P°C,Pë Cf PïPsC†P°C,PePsPIC—PNë PrPsP·C— 2,5 PjPi/PePi,
CђPsP·PïPsPrC—P»PµPSC—PNë PSP° 2 PïCђPëPNëPsPjPë PSP° PrPsP±Cf, P·PjPsP¶P»PëPIC—CfC,CHë
P·P±C—P»CHëC€PµPSPSCЦ PrPsP·Pë Cf PjPµP¶P°C... PïPµCђPµPSPsCfPëPjPsCfC,C—.

РyCГPсCГC-Р°Р.

Р>C-РeCрPIP°PSPSCЦ PиCГPμPиP°CГP°C,PsPj P•PePIPсCГP°P»^{В®} PиPsPIPëPSPμPS
CГPсP•PиPsC±PëPSP°C,Рë P»C-РeP°CГ P-Р· PrPsCГPIC-PrPsPj PrC-Р°PiPSPсCГC,РëPePë C,Р°
P»C-РeCрPIP°PSPSCЦ PиCГPсCГC-Р°P·Cр. P— PsPiP»CЦPrCр PSP°
PIP°CГC-Р°P±PμP»CHPSC-ГC,CH C†CHPsPiPs P·P°C...PIPсCГCPIP°PSPSCЦ
P»C-РeCрPIP°PSPSCЦ PjP°C” P±CрC,Рë C-PSPrPëPIC-PrCрP°P»C-Р·PsPIP°PSPëPj. P”P»CЦ
C-PSPrCрPeC†C-C— CГPμPjC-ГC-C— CГPμPePsPjPμPSPrPsPIP°PSP° PиPsC±P°C,PePsPIP°
PrPsP·P° CГC,Р°PSPsPIPëC,CH 2,5 PjPi/PePi/PrPsP±Cр, CГPсP•PиPsPrC-P»PμPSP° PSP°
2 PиCГPëPNëPsPjPë; CЦPeC%Ps C±PμCГPμP· 1 PjC-ГCЦC†CH P»C-РeCрPIP°PSPSCЦ PSPμ
CГPиPsCГC,РμCГC-PиP°C”C,CHCГCЦ PиPsPeCГP°C%PμPSPSCЦ, PrPsP·Cр PиPsCГC,CрPиPsPIPs
P·P±C-P»CHCëPëC,Рë PjP°PeCГPëPjCрPj PrPs 5 PjPi/PePi/PrPsP±Cр. P>C-РeCрPIP°PSPSCЦ
PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Рë, CЦPeC%Ps PиCГPсC,CЦPiPsPj 6 C,РëP¶PSC-PI
C%PsPrPμPSPSPsPiPs PиCГPëPNëPsPjCр 5 PjPi/PePi PSP° PrPsP±Cр PSPμ PrPsCГCЦPiPSCрC,Ps
PrPsCГC,Р°C,PSCHPsC— PIC-PrPиPsPIC-PrC- Р°P±Ps CЦPeC%Ps PμC„PμPeC,РëPIPSP° PrPsP·P°
PSPμ CГCрPjC-ГCПSP° P·C- PICГC,Р°PSPsPIP»PμPSPëPjPë CГPμPePsPjPμPSPrP°C†C-CЦPjPë P·
P±PμP·PиPμPePë.

P”P»CЦ PиP°C†C-C”PSC,C-PI, CГC,Р°PS CЦPePëC... PиPsC,CГPμP±CрC” PsCГPsP±P»PëPIPs
CëPIPëPrPePsPiPs PиPsP»C-PиCëPμPSPSCЦ, PиPsC±P°C,PePsPIP° PrPsP·P° 5 PjPi/PePi/PrPsP±Cр C”
PIPëPиCГP°PIPrP°PSPсCГ. P†CГPSCрC” PjPsP¶P»PëPIC-ГC,CH PIC-PrPjC-PSPë
P»C-РeCрPIP°PSPSCЦ PиCГPμPиP°CГP°C,PsPj P•PePIPсCГP°P»^{В®} PиC-ГCП»CЦ
PrPsCГCЦPiPSPμPSPSCЦ P·P°PrPsPIC-P»CHPSPсC— PIC-PrPиPsPIC-PrC- C- PNëPsPiPs
PиPsPSPsPIP»PμPSPSCЦ C-Р· P·P°CГC,PsCГCрPIP°PSPSCЦPj PиPsPиPμCГPμPrPSCHPsC—
PμC„PμPeC,РëPIPSPсC— PrPsP·Pë PиCГPμPиP°CГP°C,Cр P•PePIPсCГP°P»^{В®} Cр CГP°P·C-
PSP°CГC,Р°PSPSCЦ CГPμC†PëPrPëPICр. P”PμCЦPePëPj PиP°C†C-C”PSC,Р°Pj PjPsP¶Pμ P±CрC,Рë
PSPμPsP±C...C-PrPSPсCГ PиPsCГC,C-PNëPSP° PиC-PrC,CГPëPjCрCГC±P° C,PμCГP°PиC-CЦ.

P”P»CЦ PиC-PrC,CГPëPjC¿CГC±PsC— C,PμCГP°PиC-C— PrPsP·Cр PиPsC,CГC-P±PSPs
PиC-PrP±PëCГP°C,Рë C-PSPrPëPIC-PrCрP°P»CHPSPs, PSP° PjC-PSC-PjP°P»CHPSPsPjCр
PμC„PμPeC,РëPIPSPsPjCр CГC-PIPS-, C- PIPsPSP° PSPμ PиPsPIPëPSPSP°
PиPμCГPμPIPëC%CрPIP°C,Рë 5 PjPi/PePi/PrPsP±Cр.

P—P°CГC,PsCГCрPIP°PSPSCЦ PиCГPμPиP°CГP°C,Cр P•PePIPсCГP°P»^{В®} PSPμPsP±C...C-PrPSPs
PиPsCГC,CрPиPsPIPs PиCГPëPиPëPSPëC,Рë, CЦPeC%Ps PиPμCГC-PsPr CГPμPjC-ГC-C—
P·P±PμCГC-PиP°C”C,CHCГCЦ P±C-P»CHCëPμ 6 PjC-ГCЦC†C-PI. PhPrPSP°Pe CГPëP·PëPe
CГPμC†PëPrPëPICр PиC-ГCП»CЦ PIC-PrPjC-PSPë PиCГPμPиP°CГP°C,Cр C” PrCрP¶Pμ
PIPëCГPsPePëPj.

PhC,PsPиC-C±PSPëPNë PrPμCГPjP°C,РëC.

Р>C-РeCрPIP°PSPSCЦ PиCГPμPиP°CГP°C,PsPj P•PePIPсCГP°P»^{В®} PиPsPIPëPSPμPS
CГPсP•PиPsC±PëPSP°C,Рë P»C-РeP°CГ P-Р· PrPsCГPIC-PrPsPj PrC-Р°PiPSPсCГC,РëPePë C,Р°
P»C-РeCрPIP°PSPSCЦ P°C,PsPиC-C±PSPsPiPs PrPμCГPjP°C,РëC,Cр. P— PsPiP»CЦPrCр PSP°
PIP°CГC-Р°P±PμP»CHPSC-ГC,CH C†CHPsPiPs P·P°C...PIPсCГCPIP°PSPSCЦ
P»C-РeCрPIP°PSPSCЦ PjP°C” P±CрC,Рë C-PSPrPëPIC-PrCрP°P»CHPSPs PиC-PrC-P±CГP°PSPëPj.
P”P»CЦ PrPsCГPsCГP»PëC... C,Р° PиC-PrP»C-C,PeC-PI PIC-PePsPj PIC-Pr 16 CГPсPeC-PI
CГPμPePsPjPμPSPrPsPIP°PSP° PrPsP·P° CГC,Р°PSPsPIPëC,CH 2,5BГ”5 PjPi/PePi/PrPsP±Cр,
CГPсP•PиPsPrC-P»PμPSP° PSP° 2 PиCГPëPNëPsPjPë.

PиPeC%Ps C±PμCГPμP· 2 C,РëP¶PSC- CГPμP°PeC†C-CЦ PSP° P»C-РeCрPIP°PSPSCЦ PиCГPë
PиPsC±P°C,PePsPIC-PNë PrPsP·C- 2,5 PjPi/PePi/PrPsP±Cр PSPμ C” P·P°PrPsPIC-P»CHPSPсCГ,

PrPsP±PsPICr PrPsP·Cr PjPsP¶PSP° C€PIPëPrPePs P·P±C-P»CHC€PëC,Pë PrPs
PjP°PeCfPëPjP°P»CHbPSPsC— PrPsP·Pë 5 PjPi/PePi. Pj PrCrP¶Pµ C,C¶P¶PePëC...
PIPëPiP°PrPeP°C... C€PIPëPrPePsPiPs C,P° P°PrPµPePIP°C,PSPsPiPs PePsPSC,C¶PsP»C¶
P·P°C...PIPsC¶C¶HIP°PSPSC¶ PjPsP¶PSP° PrPsCfC¶PiC,Pë, P·P°CfC,PsCfPsPICrC¶C±Pë
PiPsC±P°C,PePsPICr PrPsP·Cr 5 PjPi/PePi/PrPsP±Cr. PµC-CfP»C¶ PrPsCfC¶PiPSPµPSPSC¶
P·P°PrPsPIC-P»CHbPSPsPiPs PµC„PµPeC,Cr PrPsP·Cr CfP»C-Pr PiPsCfC,CrPiPsPIPs
P·PjPµPSC€CrPIP°C,Pë C,P°, Cr C¶P°P·C- PjPsP¶P»PëPIPsCfC,C-, PIC-PrPjC-PSPëC,Pë
P·PePIPsC¶P°P»^{B®}. PµPsPrP°P»CHbC€C- C¶PµC†PëPrPëPIPë PjPsP¶PSP° P»C-PeCrPIP°C,Pë
PiPsPIC,PsC¶PSPëPj PiC¶PëP·PSP°C±PµPSPSC¶Pj PiC¶PµPiP°C¶P°C,Cr P·PePIPsC¶P°P»^{B®}.

P»C-PeCrPIP°PSPSC¶ PSPµPsP±C...C-PrPSPs PiC¶PëPiPëPSPëC,Pë, C¶PeC%Ps Cr
PiP°C†C-C”PSC,C-PI P· P°C,PsPiC-C±PSPëPj PrPµC¶PjP°C,PëC,PsPj PSPµ
CfPiPsCfC,PµC¶C-PiP°C”C,CHbCfC¶ PrPsCfC,P°C,PSC” PiPsPeC¶P°C%PµPSPSC¶ PiC-CfP»C¶
PsPrPSPsPiPs PjC-CfC¶C†C¶ P·P°CfC,PsCfCrPIP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cr Cr PrPsP·C- 5
PjPi/PePi/PrPsP±Cr.

PkP°C¶PIPSC- PSP° CfCHbPsPiPsPrPSC-C€PSC-PNë PrPµPSC¶ PrP°PSC- C%PsPrPs
P·P°CfC,PsCfCrPIP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cr PrP»C¶ PrPsPIPiPsC,C¶PëPIP°P»PsPiPs
P»C-PeCrPIP°PSPSC¶ P°C,PsPiC-C±PSPsPiPs PrPµC¶PjP°C,PëC,Cr PsP±PjPµP¶PµPSC-, C,PsPjCr
C¶PµPePsPjPµPSPPrPsPIP°PSP° C,C¶PëPIP°P»C-CfC,CHb C-PSPrPëPIC-PrCrP°P»CHbPSPëC...
C†PëPeP»C-PI P»C-PeCrPIP°PSPSC¶ b¶” PSPµ P±C-P»CHbC€Pµ 8 C,PëP¶PSC-PI.

PµPµC¶PµPIPµPrPµPSPSC¶ PiP°C†C-C”PSC,C-PI P· PsC¶PëPiC-PSP°P»CHbPSPsC—
P»C-PeP°C¶CfCHbPePsC— C„PsC¶PjPë C†PëPeP»PsCfPiPsC¶PëPSC¿ PSP° P·PePIPsC¶P°P»^{B®}

P”PsCfC,CrPiPSC- PrP°PSC- PiC-PrC,PIPµC¶PrP¶CrC¶C,CHb, C%Ps PiC-CfP»C¶
PiPµC¶PµPIPµPrPµPSPSC¶ P· PsC¶PëPiC-PSP°P»CHbPSPsC— P»C-PeP°C¶CfCHbPePsC—
C„PsC¶PjPë C†PëPeP»PsCfPiPsC¶PëPSCr PSP° P·PePIPsC¶P°P»^{B®} Cr
CfPiC-PIPIC-PrPSPsC€PµPSPSC- 1:1 PrPsCfC¶PiP°C¶C,CHbCfC¶ PiPsC¶C-PIPSC¶PSPSC-
PjC-PSC-PjP°P»CHbPSC- PePsPSC†PµPSC,C¶P°C†C-C— C†PëPeP»PsCfPiPsC¶PëPSCr Cr
C†C-P»CHbPSC-PNë PeC¶PsPIC-. Pj P±P°PiP°C,CHbPsC... PiP°C†C-C”PSC,C-PI PjPsP¶CrC,CHb
CfPiPsCfC,PµC¶C-PiP°C,PëCfC¶ PIPëC%C- PjP°PeCfPëPjP°P»CHbPSC- (PiC-PePsPIC-)
PePsPSC†PµPSC,C¶P°C†C-C— (C_{max}) C,P° PiC-PrPIPëC%PµPSPSC¶ PµPeCfPiPsP·PëC†C-C—
PiC¶PµPiP°C¶P°C,Cr (AUC). Pj PSPµPIPµP»PëPePsPiPs PIC-PrCfPsC,PeP° PiP°C†C-C”PSC,C-PI
C†C- P·PjC-PSPë PjPsP¶CrC,CHb P±CrC,Pë P±C-P»CHbC€ PIPëC¶P°P¶PµPSPëPjPë C-
PSP°P±CrPIP°C,Pë PeP»C-PSC-C±PSPsPiPs P·PSP°C±PµPSPSC¶. PµC¶C-Pj C†CHbPsPiPs,
PICfPjPsPeC,CrPIP°PSPSC¶ C†PëPeP»PsCfPiPsC¶PëPSCr P· PiC¶PµPiP°C¶P°C,Cr
P·PePIPsC¶P°P»^{B®} PjP°C” PjPµPSC€Cr PIP°C¶C-P°P±PµP»CHbPSC-CfC,CHb, P°
PePsC¶PµP»C¶C†C-C¶ PjC-P¶ PSP°PNëPSPëP¶C±PëPjPë PePsPSC†PµPSC,C¶P°C†C-C¶PjPë
C†PëPeP»PsCfPiPsC¶PëPSCr C,P° PNëPsPiPs PµPeCfPiPsP·PëC†C-C”C¶ (PIPëC¶P°P¶PµPSPsC¶
C¶Pe AUC) CfPëP»CHbPSC-C€P°, PSC-P¶ PI PsC¶PëPiC-PSP°P»CHbPSC-PNë
P»C-PeP°C¶CfCHbPeC-PNë C„PsC¶PjC- C†PëPeP»PsCfPiPsC¶PëPSCr.

P’PëC...PsPrC¶C±Pë P· C,PsPiPs, C%Ps PiPµC¶PµC...C-Pr P· PsC¶PëPiC-PSP°P»CHbPSPsC—
P»C-PeP°C¶CfCHbPePsC— C„PsC¶PjPë C†PëPeP»PsCfPiPsC¶PëPSCr PSP° P·PePIPsC¶P°P»^{B®}
PjPsP¶Pµ PiC¶PëP·PIPµCfC,Pë PrPs PiC-PrPIPëC%PµPSPSC¶ PµPeCfPiPsP·PëC†C-C—
C†PëPeP»PsCfPiPsC¶PëPSCr, CfP»C-Pr PrPsC,C¶PëPjCrPIP°C,PëCfC¶ PSP°CfC,CrPiPSPëC...
PiC¶P°PIPëP».

Pj PiP°C†C-C”PSC,C-PI PiC-CfP»C¶ C,C¶P°PSCfPiP»P°PSC,P°C†C-C— P»C-PeCrPIP°PSPSC¶
PiC¶PµPiP°C¶P°C,PsPj P·PePIPsC¶P°P»^{B®} CfP»C-Pr C¶PsP·PiPsC±PëPSP°C,Pë Cr C,P°PeC-PNë
CfP°PjPµ PrPsP±PsPIC-PNë PrPsP·C-, C¶Pe C- PiC¶Pë PiPsPiPµC¶PµPrPSC¶PsPjCr

P·P°CÍ'C,PsCÍ'PsPICí'PIP°PSPSC- PsCĤPëPiC-PSP°P»CHbPSPsC— P»C-PeP°CĤCÍ'CHbPePsC—
C,,PsCĤPjPë C†PëPeP»PsCÍ'PíPsCĤPëPSCr. PµPsC±P°C,PePsPIPëPNë PjPsPSC-C,PsCĤPëPSPi
PSP°PNëPSPëP¶C±PëC... PePsPSC†PµPSC,CĤP°C†C-PNë C†PëPeP»PsCÍ'PíPsCĤPëPSCr Cí
PeCĤPsPIC- CÍ'P»C-Pr P·PrC-PNëCÍ'PSCĤPIP°C,Pë C±PµCĤPµP·

4bĤ"7 PrC-P± PiC-CÍ'P»CĬ PiPµCĤPµC...PsPrCí PSP° P·PePIPsCĤP°P»^{B®}. PĤCĤC-Pj C†CHbPsPiPs,
PiCĤPsC,CĬPiPsPj PiPµCĤC€PëC... 2 PjC-CÍ'CĬC†C-PI PiC-CÍ'P»CĬ PiPµCĤPµC...PsPrCí
CÍ'P»C-Pr PiCĤPsPIPsPrPëC,Pë PjPsPSC-C,PsCĤPëPSPi PeP»C-PSC-C±PSPëC...
PiP°CĤP°PjPµC,CĤC-PI P±PµP·PiPµPePë, C,P°PePëC... CĬPe C,,CíPSPeC†C-CĬ PSPëCĤPsPe C,P°
P°CĤC,PµCĤC-P°P»CHbPSPëPNë C,PëCÍ'Pe. PiPeC%Ps PSP°PNëPSPëP¶C±C-
PePsPSC†PµPSC,CĤP°C†C-C— C†PëPeP»PsCÍ'PíPsCĤPëPSCr Cí PeCĤPsPIC- PiPëC...PsPrCĬC,CHb
P·P° PrC-P°PiP°P·PsPS C,PµCĤP°PiPµPIC,PëC±PSPëC... P·PSP°C±PµPSCĤ C,P°/P°P±Ps
PIC-PrP·PSP°C±P°C"C,CHbCÍ'CĬ PiPsPiC-CĤC€PµPSPSCĬ PeP»C-PSC-C±PSPëC...
PiP°CĤP°PjPµC,CĤC-PI P±PµP·PiPµPePë, CÍ'P»C-Pr PiPrP°PIP°C,PëCÍ'CĬ PrPs
PIC-PrPiPsPIC-PrPSPsPiPs PePsCĤPëPiCí'PIP°PSPSCĬ PrPsP·Pë.

Pj PiPëPiP°PrPeCí P»C-PeCí'PIP°PSPSCĬ P·P° PiPsPeP°P·P°PSPSCĬPjPë, PSPµ
PiPsPiBĤ™ CĬP·P°PSPëPjPë P· C,CĤP°PSCÍ'PiP»P°PSC,P°C†C-C"CĤ, P·PePIPsCĤP°P»^{B®} CÍ'P»C-Pr
PiCĤPëP·PSP°C±P°C,Pë Cí C,P°PeC-PNë CÍ'P°PjC-PNë PrPsP±PsPIC-PNë PrPsP·C-, CĬPe C-
PsCĤPëPiC-PSP°P»CHbPSCr P»C-PeP°CĤCÍ'CHbPeCí C,,PsCĤPjCí C†PëPeP»PsCÍ'PíPsCĤPëPSCr.

PŞPµCĤPµP· 2, 4 C,P° 8 C,PëP¶PSC-PI PiC-CÍ'P»CĬ PiPµCĤPµC...PsPrCí CÍ'P»C-Pr
PiCĤPsPIPsPrPëC,Pë PjPsPSC-C,PsCĤPëPSPi C,,CíPSPeC†C-C— PSPëCĤPsPe C,P°
PiPëPjC-CĤCĤPIP°PSPSCĬ P°CĤC,PµCĤC-P°P»CHbPSPsPiPs C,PëCÍ'PeCí. PiPeC%Ps
CĤPµP·CíP»CHbC,P°C, P±C-P»CHbC€Pµ PsPrPSPsPiPs PiPëPjC-CĤCĤPIP°PSPSCĬ
P°CĤC,PµCĤC-P°P»CHbPSPsPiPs C,PëCÍ'PeCí P·PSP°C±PSPs PiPµCĤPµPiPëC%CrC"
CĤC-PIPµPSCĤ PrPs PiPµCĤPµC...PsPrCí, P°P±Ps PëPĤPα P·PSPëP¶CíC"C,CHbCÍ'CĬ
P±C-P»CHbC€ PSC-P¶ PSP° 25 % PiPsCĤC-PIPSCĬPSPs P·C- P·PSP°C±PµPSPSCĬPj,
PiPëPjC-CĤCĬPSPëPj PrPs PiPsC±P°C,PeCí C,PµCĤP°PiC-C— PsCĤPëPiC-PSP°P»CHbPSPsCĤ
P»C-PeP°CĤCÍ'CHbPePsCĤ C,,PsCĤPjPsCĤ C†PëPeP»PsCÍ'PíPsCĤPëPSCr, PrPsP·Cí CÍ'P»C-Pr
P·PjPµPSC€PëC,Pë. Pj PiPëPiP°PrPeCí PiPëPSPëPePSPµPSPSCĬ
PSPµPiPµCĤPµPrP±P°C†Cí'PIP°PSPëC... C,PsPeCÍ'PëC±PSPëC... PµC,,PµPeC,C-PI C±Pë
PSPµPµC,,PµPeC,PëPIPsCÍ'C,C- C†PëPeP»PsCÍ'PíPsCĤPëPSCr CÍ'P»C-Pr C,P°PePsP¶
PiCĤPsPIPsPrPëC,Pë PjPsPSC-C,PsCĤPëPSPi PSP°PNëPSPëP¶C±PëC...
PePsPSC†PµPSC,CĤP°C†C-PNë C†PëPeP»PsCÍ'PíPsCĤPëPSCr Cí PeCĤPsPIC-.

*PµPµCĤPµC...C-Pr P· PsPrPSC-C"C— P»C-PeP°CĤCÍ'CHbPePsC— C,,PsCĤPjPë
C†PëPeP»PsCÍ'PíPsCĤPëPSCž PrP»CĬ PiCĤPëPNëPsPjCž PIPSCžC,CĤC-C€PSCĤPs PSP° C-PSC€Cž*

PµPµCĤPµC...C-Pr P· PsPrPSC-C"C— P»C-PeP°CĤCÍ'CHbPePsC— C,,PsCĤPjPë
C†PëPeP»PsCÍ'PíPsCĤPëPSCr PrP»CĬ PiCĤPëPNëPsPjCí PIPSCrC,CĤC-C€PSCĤPs PSP° C-PSC€Cí
CÍ'P»C-Pr P·PrC-PNëCÍ'PSCĤPIP°C,Pë P· PsP±PµCĤPµP¶PSC-CÍ'C,CĤ C,P° PiC-Pr
PSP°PiP»CĬPrPsPj CÍ'PiPµC†C-P°P»C-CÍ'C,P°. P'PIPµPrPµPSPSCĬ PSPsPIPsC—
P»C-PeP°CĤCÍ'CHbPePsC— C,,PsCĤPjPë PiPsPiPëPSPSPs CÍ'Cí'PiCĤPsPIPsPrP¶Cí'PIP°C,PëCÍ'CĬ
PjPsPSC-C,PsCĤPëPSPiPsPj CĤC-PIPSC-PI C†PëPeP»PsCÍ'PíPsCĤPëPSCr Cí PeCĤPsPIC- PrP»CĬ
PiP°C†C-C"PSC,C-PI PiC-CÍ'P»CĬ C,CĤP°PSCÍ'PiP»P°PSC,P°C†C-C—.

PhCÍ'PsP±P»PëPIC- PiPsPiCí'P»CĬC†C-C—

PµP°C†C-C"PSC,Pë P· PiPsCĤCžC€PµPSPSCĬPj C,,CžPSPeC†C-C— PSPëCĤPsPe

P'CÍ'C- PiPsPeP°P·P°PSPSCĬ

PiPëPeP»PsCíPíPsCĥPëPS PjP°PNëP¶Pµ PSPµ PIPëPIPsPrPëC,CHCíCĭ PSPëCĥPeP°PjPë,
C„P°CĥPjP°PePsPeC-PSPµC,PëPeP° PrP°PSPsPiPs P»C-PeP°CĥCíCHPePsPiPs P·P°CíPsP±Cí
PSPµ P·P°P»PµP¶PëC,CH P·PSP°C±PSPëPj C±PëPSPsPj PIC-Pr PíPsCĥCíCëPµPSPSCĭ
C„CíPSPeC†C-C— PSPëCĥPsPe. PhPrPSP°Pe C±PµCĥPµP· PSPµC„CĥPsC,PsPeCíPëC±PSPëPNë
PíPsC,PµPSC†C-P°P» CĥPµPePsPjPµPSPrCíC”C,CHCíCĭ PíCĥPsPIPsPrPëC,Pë
CĥPµC,PµP»CHPSPëPNë PjPsPSC-C,PsCĥPëPSPi C„CíPSPeC†C-C— PSPëCĥPsPe.

PµPsPeP°P·P°PSPSCĭ, PSPµ PíPsPIëĥ™ CĭP·P°PSC- P· C,CĥP°PSCíPíP»P°PSC,P°C†C-C”CH

PµP°C†C-C”PSC,P°Pj C-P· PíPsCĥCíCëPµPSPSCĭPj C„CíPSPeC†C-C— PSPëCĥPsPe PSPµ
CíP»C-Pr PíCĥPëP·PSP°C±P°C,Pë C†PëPeP»PsCíPíPsCĥPëPS. P’PëPeP»CHC±PµPSPSCĭ
CíC,P°PSPsPIP»CĭC,CH PsCíPsP±Pë, CĭPeC- PíCĥPsC...PsPrCĭC,CH P»C-PeCíPIP°PSPSCĭ
PSPµC„CĥPsC,PëC±PSPsPiPs CíPëPSPrCĥPsPjCí. PµP°C†C-C”PSC,P°Pj C-P·
PSPµC„CĥPsC,PëC±PSPëPj CíPëPSPrCĥPsPjPsPj C,P° PíPsCĥCíCëPµPSPSCĭPj C„CíPSPeC†C-C—
PSPëCĥPsPe PíPsC±P°C,PePsPIP° PrPsP·P° PSPµ PíPsPIPëPSPSP° PíPµCĥPµPIPëC‰CíPIP°C,Pë
2,5 PjPi/PePi PSP° PrPsP±Cí.

PµP°C†C-C”PSC,Pë P· PíPsCĥC±CëPµPSPSCĭPj C„C±PSPeC†C-C— PíPµC±C-PSPePë

PiPëPeP»PsCíPíPsCĥPëPS C-PSC,PµPSCíPëPIPsPj PjPµC,P°P±PsP»C-P·CíC”C,CHCíCĭ Cí
PíPµC±C-PSC†C-. Pj PíP°C†C-C”PSC,C-PI C-P· PíPsCĥCíCëPµPSPSCĭPj C„CíPSPeC†C-C—
PíPµC±C-PSPePë PjPsP¶Pµ CíPíPsCíC,PµCĥC-PíP°C,PëCíCĭ PíCĥPëP±P»PëP·PSPs PrPIPs-
P°P±Ps C,CĥPëCĥP°P·PsPIPµ P·CĥPsCíC,P°PSPSCĭ PµPeCíPíPsP·PëC†C-C—
C†PëPeP»PsCíPíPsCĥPëPSCí. Pj PIPëPíP°PrPeCí C,CĭP¶PePsPiPs PíPsCĥCíCëPµPSPSCĭ
C„CíPSPeC†C-C— PíPµC±C-PSPePë PrP»Cĭ PíC-PrC,CĥPëPjP°PSPSCĭ
PePsPSC†PµPSC,CĥP°C†C-C— P»C-PeP°CĥCíCHPePsPiPs P·P°CíPsP±Cí Cí PeCĥPsPIC- Cí
CĥPµPePsPjPµPSPrPsPIP°PSPsPjCí C†C-P»CHPsPIPsPjCí PrC-P°PíP°P·PsPSC- PjPsP¶Pµ
PIPëPSPëPePSCíC,Pë PSPµPsP±C...C-PrPSC-CíC,CH Cí P·PjPµPSCëPµPSPSC- PrPsP·Pë. Pj
C,P°PePsPjCí PIPëPíP°PrPeCí CĥPµPePsPjPµPSPrCíC”C,CHCíCĭ P·PrC-PNëCíPSCĥPIP°C,Pë
PjPsPSC-C,PsCĥPëPSPi PePsPSC†PµPSC,CĥP°C†C-C— C†PëPeP»PsCíPíPsCĥPëPSCí Cí
PeCĥPsPIC- PrPs PrPsCíCĭPiPSPµPSPSCĭ CíC,P°P±C-P»CHPSPëC... P·PSP°C±PµPSCĥ.

P—P°CíC,PsCíC±PIP°PSPSCĭ PíCĥPë P»C-PeC±PIP°PSPSC- PrC-C,PµPNë

PµCĥPsPIPµPrPµPSC- PeP»C-PSC-C±PSC- PrPsCíP»C-PrP¶PµPSPSCĭ P· CíC±P°CíC,CH
PrC-C,PµPNë PIC-PePsPj PIC-Pr 1 CĥPsPeCí. Pj PeC-P»CHPePsC... PrPsCíP»C-PrP¶PµPSPSCĭC...
PíP°C†C-C”PSC,Pë PíPµPrC-P°C,CĥPëC±PSPsC— PíPsPíCíP»CĭC†C-C— PíPsC,CĥPµP±CíPIP°P»Pë
PíCĥPëP·PSP°C±PµPSPSCĭ C,P° PrPsP±CĥPµ PíPµCĥPµPSPsCíPëP»Pë PIPëC‰C- PrPsP·Pë
C†PëPeP»PsCíPíPsCĥPëPSCí PSP° PsPrPëPSPëC†CH PjP°CíPë C,C-P»P°, PSC-P¶ C,C-, C‰Ps
P·P°CíC,PsCíCíPIP°PSPSCĭB» C,P° B«P”C-C,PëB»).

PkPµ CĥPµPePsPjPµPSPrCíC”C,CHCíCĭ P·P°CíC,PsCíPsPICíPIP°C,Pë P·PePIPsCĥP°P»^{B®}
PrC-C,CĭPj P·P° PíPsPeP°P·P°PSPSCĭPjPë, PSPµ PíPsPIëĥ™ CĭP·P°PSPëPjPë P·
C,CĥP°PSCíPíP»P°PSC,P°C†C-C”CH, P·P° PIPëPSCĭC,PePsPj PSPµC„CĥPsC,PëC±PSPsPiPs
CíPëPSPrCĥPsPjCí (PrPëPI. CĥPsP·PrC-P»Pë B«PhCíPsP±P»PëPIPsCíC,C-
P·P°CíC,PsCíCíPIP°PSPSCĭB» C,P° B«P”C-C,PëB»).

*P—P°CíC,PsCíC±PIP°PSPSCĭ PíCĥPë P»C-PeC±PIP°PSPSC- PíP°C†C-C”PSC,C-PI
P»C-C,PSCHPsPiPs PIC-PeC±*

P”PsCíPIC-Pr P·P°CíC,PsCíCíPIP°PSPSCĭ PíCĥPµPíP°CĥP°C,Cí P·PePIPsCĥP°P»^{B®}
PíP°C†C-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCí PsP±PjPµP¶PµPSPëPNë.

PSPμPrPsPSPsC€PμPSPëC... PSPμPjPsPIP»C¼C, PïCḡPëP·PIPsPrPëP»Ps PrPs C,C¼P¶PePsC—
C-PSC,PsPeCÍPëPeP°C†C-C—.

P>C-PeC¿PIP°PSPSC¼

P' CrCÍC-C... PIPëPïP°PrPeP°C... PïPμCḡPμPrPsP·CÍPIP°PSPSC¼ CÍP»C-Pr PïCḡPsPIPμCÍC,Pë
CÍPëPjPiC,PsPjP°C,PëC‡PSPμ P»C-PeCÍPIP°PSPSC¼ C,P° P·P°PiP°P»CHPSC-
PïC-PrC,CḡPëPjCÍCḡC‡C- P·P°C...PsPrPë. Pj PïPμCḡC€C- PiPsPrPëPSPë PiC-CÍP»C¼
PïPμCḡPμPrPsP·CÍPIP°PSPSC¼ PjPsP¶Pμ P±CÍC,Pë PePsCḡPëCÍPSPëPj PIPëPeP»PëPeP°C,Pë
P±P»CḡPIP°PSPSC¼ C,P° PïCḡPsPIPμCÍC,Pë PïCḡPsPjPëPIP°PSPSC¼ C€P»CÍPSPeP°.
PμCḡPμPïP°CḡP°C, PïCḡP°PeC,PëC‡PSPs PSPμ PIPëPIPsPrPëC,CHCÍC¼ PïCḡPë
PiPμPjPsPrC-P°P»C-P·C- C- PSPμPrPsCÍC,P°C,PSCHPs PIPëPIPsPrPëC,CHCÍC¼ PïCḡPë
PiPμPjPsPïPμCḡC,,CÍP·C-C— C-P· P·P°CÍC,PsCÍCÍPIP°PSPSC¼Pj P°PeC,PëPIPsPIP°PSPsPiPs
PICÍPiC-P»P»C¼.

PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—.

P"Ps PsCÍPSPsPIPSPëC... PSPμP±P°P¶P°PSPëC... CḡPμP°PeC†C-PNë, PïPsPIBḡ™ C¼P·P°PSPëC...
C-P· P·P°CÍC,PsCÍCÍPIP°PSPSC¼Pj C†PëPeP»PsCÍPïPsCḡPëPSCÍ, PSP°P»PμP¶P°C,CH
PïPsCḡCÍC€PμPSPSC¼ C,,CÍPSPeC†C-C— PSPëCḡPsPe, C,CḡPμPjPsCḡ, PiC-CḡCÍCÍC,PëP·Pj,
P°CḡC,PμCḡC-P°P»CHPSP° PiC-PïPμCḡC,PμPSP·C-C¼, PrC-P°CḡPμC¼, P°PSPsCḡPμPeCÍC-C¼,
PSCÍPrPsC,P° C,P° P±P»CḡPIP°PSPSC¼.

P\$PëCÍP»PμPSPSC- PïPsP±C-C‡PSC- CḡPμP°PeC†C-C—, PïPsPIBḡ™ C¼P·P°PSC- C-P·
P·P°CÍC,PsCÍCÍPIP°PSPSC¼Pj C†PëPeP»PsCÍPïPsCḡPëPSCÍ, P·P°P»PμP¶P°C,CH PIC-Pr
CḡPμP¶PëPjCÍ PrPsP·CÍPIP°PSPSC¼ C- PSPsCÍC¼C,CH PsP±PsCḡPsC,PSPëPNë
C...P°CḡP°PeC,PμCḡ PïCḡPë P·PSPëP¶PμPSPSC- PrPsP·Pë.

Pj C...PIPsCḡPëC... PïC-CÍP»C¼ C,CḡP°PSCÍPïP»P°PSC,P°C†C-C— C‡PμCḡPμP·
PSPμPsP±C...C-PrPSC-CÍC,CH P·P°CÍC,PsCÍCÍPIP°PSPSC¼ PIPëC%PsC—
PïPsC‡P°C,PePsPIPsC— PrPsP·Pë C,P° P±C-P»CHC€PsC— C,CḡPëPIP°P»PsCÍC,C-
PïC-PrC,CḡPëPjCÍCḡC‡PsC— C,PμCḡP°PïC-C—, PïPsP±C-C‡PSC- CḡPμP°PeC†C-C—
PIC-PrP·PSP°C‡P°CḡC,CHCÍC¼ C‡P°CÍC,C-C€Pμ C- C" P±C-P»CHC€ PIPëCḡP°P¶PμPSPëPjPë,
PSC-P¶ CÍ PïP°C†C-C" PSC,C-PI P· C-PSC€PëPjPë PïPsPeP°P·P°PSPSC¼PjPë PrP»C¼
P·P°CÍC,PsCÍCÍPIP°PSPSC¼.

PμC-CÍP»C¼ PIPSCÍC,CḡC-C€PSCHPsPIPμPSPSPsPiPs PIPIPμPrPμPSPSC¼ PïCḡPμPïP°CḡP°C,CÍ
CÍPïPsCÍC,PμCḡC-PiP°P»PëCÍCH P°PSP°C,,C-P»P°PeC,PsC—PrPSC- CḡPμP°PeC†C-C—.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—. Pj PïP°C†C-C" PSC,C-PI, C¼PeC-
PsC,CḡPëPjCÍCḡC,CH C-PjCÍPSPsCÍCÍPïCḡPμCÍPëPIPSCÍ C,PμCḡP°PïC-Cḡ, C¼PeP°
PIPeP»CḡC‡P°C" C†PëPeP»PsCÍPïPsCḡPëPS C‡Pë PïCḡPμPïP°CḡP°C,Pë, C%Ps PjC-CÍC,C¼C,CH
C†PëPeP»PsCÍPïPsCḡPëPS, C-CÍPSCÍC" PïC-PrPIPëC%PμPSPëPNë CḡPëP·PëPe
CḡPsP·PIPëC,PeCÍ CḡC-P·PSPëC... C-PSC,,PμPeC†C-PNë (PIC-CḡCÍCÍPSPëC...,
P±P°PeC,PμCḡC-P°P»CHPSPëC..., PïCḡPëP±PePsPIPëC..., PïP°CḡP°P·PëC,P°CḡPSPëC...).

PḡPsP¶CÍC,CH P·CÍCÍC,CḡC-C‡P°C,PëCÍCH C¼Pe PjC-CÍC†PμPIC-, C,P°Pe C-
C-PSC,,PμPeC†C-PNëPSC- CÍCḡP°P¶PμPSPSC¼ P·P°PiP°P»CHPSPsPiPs C...P°CḡP°PeC,PμCḡCÍ.
PÿP°PePsP¶ PjPsP¶CÍC,CH PïPsCÍPëP»CḡPIP°C,PëCÍCH C-PSC,,PμPeC†C-C—, C%Ps PjP°P»Pë
PjC-CÍC†Pμ PI P°PSP°PjPSPμP·C-, P° PïPsPIC,PsCḡPSP° P°PeC,PëPIP°C†C-C¼
C-PSC,,PμPeC†C-PNë, CÍPïCḡPëC‡PëPSPμPSPëC... PïPsP»C-PsPjP°PIC-CḡCÍCÍP°PjPë, PjPsP¶Pμ

ΠῖCῡPḗP·PIPμCΓC,Pḗ PrPs CῡPsP·PIPḗC,PeCṛ PῖPsP»C-PsPjP°PIC-CῡCṛCΓ-
P°CΓPsC†C-PNḗPsPIP°PSPsC— PSPμC,,CῡPsPῖP°C,C-C— (PμP'PḡPκ) P°P±Ps JPŸ·PIC-CῡCṛCΓ
P°CΓPsC†C-PNḗPsPIP°PSPsC— ΠῖCῡPsPῖCῡPμCΓPḗPIPSPsC—
PjCṛP»CHC,PḗC,,PsPeP°P»CHPSPsC— P»PμPNḗPePsPμPSC†PμC,,P°P»PsPῖP°C,C-C— (PμPḡP»).
P'C-PrPsPjC- PIPḗPῖP°PrPePḗ CΓPμCῡPNḗPsP·PSPḗC... C,P°/P°P±Ps P»PμC,P°P»CHPSPḗC...
PSP°CΓP»C-PrPeC-PI.

PμPsPIC-PrPsPjP»CΠP»PsCΓCΠ C,P°PePsP¶ ΠῖCῡPs C,P°PeC- PῖPsP±C-C†PSC- CῡPμP°PeC†C-C—:
C-PSC,,PμPeC†C-C— PIPμCῡC...PSC-C... C,P° PSPḗP¶PSC-C... PrPḗC...P°P»CHPSPḗC...
CḗP»CΠC...C-PI, PIPeP»CHC†P°CHC†Pḗ P±CῡPsPSC...C-PsP»Pḗ, C-PSC,,PμPeC†C-C—
CΓPμC†PsPIPḗPIC-PrPSPḗC... CḗP»CΠC...C-PI, C†PḗC,PsPjPμPῖP°P»PsPIC-CῡCṛCΓPSP°
C-PSC,,PμPeC†C-CΠ, CΓPμPῖCΓPḗCΓ, PῖPμCῡPῖPμCΓPSP° C-PSC,,PμPeC†C-CΠ.

*P°PsP±CῡPsCΠPeC-CΓPSC-, P·P»PsCΠPeC-CΓPSC- C,P° PSPμCḗC,PsC†PSPμPSC-
PSPsPῖPsCḗC,PIPSCῡPμPSPSCΠ (Cḗ C,PsPjCḗ C†PḗCΓP»C- PeC-CΓC,Pḗ C,P° PῖPsP»C-PῖPḗ). PJ
PῖP°C†C-C°PSC,C-PI, CΠPeC- PsC,CῡPḗPjCṛCHC,CH C-PjCṛPSPsCΓCṛPῖCῡPμCΓPḗPIPSCṛ
C,PμCῡP°PῖC-CH, CΠPeP° PIPeP»CHC†P°C° C†PḗPeP»PsCΓPῖPsCῡPḗPS P°P±Ps
ΠῖCῡPμPῖP°CῡP°C,Pḗ, C°Ps PjC-CΓC,CΠC,CH C†PḗPeP»PsCΓPῖPsCῡPḗPS, C-CΓPSCṛC°
PῖC-PrPIPḗC°PμPSPḗPNḗ CῡPḗP·PḗPe CῡPsP·PIPḗC,PeCṛ P»C-PjC,,PsPj C,P°
P»C-PjC,,PsΠῖCῡPsP»C-C,,PμCῡP°C,PḗPIPSPḗC... CῡPsP·P»P°PrC-PI, C-PSCḗPḗC...
P·P»PsCΠPeC-CΓPSPḗC... PSPsPῖPsCṛC,PIPSCῡPμPSCḡ, P·PsPeCῡPμPjP° CḗPeC-CῡPSPḗC....
PḡP°CΓC,PsC,P° PIPḗPSPḗPePSPμPSPSCΠ P·P»PsCΠPeC-CΓPSPḗC... PSPsPῖPsCṛC,PIPSCῡPμPSCḡ
P·P±C-P»CHCḗCṛC°C,CHCΓCΠ ΠῖCῡPḗ P±C-P»CHCḗ C-PSC,PμPSCΓPḗPIPSC-PNḗ C,P°
C,CῡPḗPIP°P»C-PNḗ C-PjCṛPSPsCΓCṛPῖCῡPμCΓC-C—. P°PμCΠPeC- P·P»PsCΠPeC-CΓPSC-
PSPsPῖPsCṛC,PIPSCῡPμPSPSCΠ PjPsP¶CṛC,CH ΠῖCῡPḗP·PIPPrPḗC,Pḗ PrPs
P»PμC,P°P»CHPSPḗC... PSP°CΓP»C-PrPeC-PI.*

*P— P±PsPeCḗ PeCῡPsPῖPsC,PIPSCῡPSPsC— C,P° P»C-PjC,,P°C,PḗC†PSPsC—
CΓPḗCΓC,PμPj: P°PSPμPjC-CΠ, C,CῡPsPjP±PsC†PḗC,PsPῖPμPSC-CΠ, P»PμPNḗPePsPῖPμPSC-CΠ,
PjC-PeCῡPsP°PSPῖC-PsPῖP°C,PḗC†PSP° PῖPμPjPsP»C-C,PḗC†PSP° P°PSPμPjC-CΠ,
PῖPμPjPsP»C-C,PḗPePs-CṛCῡPμPjC-C†PSPḗPNḗ CΓPḗPSPṛCῡPsPj, C,CῡPsPjP±PsC,PḗC†PSP°
PjC-PeCῡPsP°PSPῖC-PsPῖP°C,C-CΠ, C,CῡPsPjP±PsC,PḗC†PSP°
C,CῡPsPjP±PsC†PḗC,PsPῖPμPSC-C†PSP° ΠῖCṛCῡPῖCṛCῡP°.*

*P— P±PsPeCḗ PsP±PjC-PSCḗ CῡPμC†PsPIPḗPS C,P° C...P°CῡC†CḗPIP°PSPSCΠ:
PῖC-PῖPμCῡP»C-PῖC-PrPμPjC-CΠ, PῖC-PῖPμCῡCṛCῡPḗPePμPjC-CΠ,
PῖC-PῖPμCῡPeP°P»C-C°PjC-CΠ, PῖC-PῖPsPjP°PῖPSC-C°PjC-CΠ, P°PSPsCῡPμPeCΓC-CΠ,
PῖC-PῖPμCῡPῖP»C-PePμPjC-CΠ.*

*P— P±PsPeCḗ PSPμCῡPIPSPῖPsC— CΓPḗCΓC,PμPjPḗ: C,CῡPμPjPsCῡ, PῖPsP»PsPIPSPḗPNḗ
P±C-P»CH, PjC-PῖCῡPμPSCḡ, PῖP°CῡPμCΓC,PμP·C-CΠ, CΓCṛPrPsPjPḗ, PsP·PSP°PePḗ
PμPSC†PμC,,P°P»PsPῖP°C,C-C— (Cṛ C,PsPjCṛ C†PḗCΓP»C- CΓPḗPSPṛCῡPsPj
PsP±PsCῡPsC,PSPsC— P·P°PrPSCḡPsC— PμPSC†PμC,,P°P»PsPῖP°C,C-C— (PRES)), C,P°PeC-
CΠPe CΓCṛPrPsPjPḗ, CΓPῖP»CṛC,P°PSC-CΓC,CH CΓPIC-PrPsPjPsCΓC,C-,
PrPμP·PsCῡC-C°PSC,P°C†C-CΠ, CṛPῖPsPIC-P»CHPSPμPSPSCΠ CῡPμP°PeC†C-C—,
P·P±CṛPrP¶PμPSPSCΠ, P±PμP·CΓPsPSPSCΠ, P·PsCῡPsPIC- CῡPsP·P»P°PrPḗ, PeC-CῡPePsPIP°
CΓP»C-PῖPsC,P°, PePsPjP°, PῖP°CῡPμP·, PjPsP·PsC†PePsPIP° P°C,P°PeCΓC-CΠ, PjPsC,PsCῡPSP°
PῖPsP»C-PSPμPNḗCῡPsPῖP°C,C-CΠ, PSP°P±CῡCΠPe PrPḗCΓPeP° P·PsCῡPsPῖPsPῖPs PSPμCῡPIP°,
PIPeP»CHC†P°CHC†Pḗ CΓPsCΓPsPe P·PsCῡPsPῖPsPῖPs PSPμCῡPIP°, P· PjPsP¶P»PḗPIPḗPj
PῖPsCῡCṛCḗPμPSPSCΠPj P·PsCῡCṛ PIPSP°CΓP»C-PrPsPe PrPsP±CῡPsCΠPeC-CΓPSPsC—
PIPSCṛC,CῡC-CḗPSCḡPsC†PμCῡPῖPSPsC— PῖC-PῖPμCῡC,PμPSP·C-C—.*

$P - P \pm PsPeC \acute{z} PsC\bar{H}PiP^{\circ}PSC - PI \text{ } \acute{C}\acute{I}P \gg C \acute{z} C \dots C \acute{z} C, P^{\circ} C\bar{H}C - PIPSPsPIP^{\circ}PiP\ddot{e}$: $\ddot{P}\ddot{I}PsC\bar{H}C\acute{r}C\epsilon P_{\mu}PSPSC\bar{I}$
 $\acute{C}\acute{I}P \gg C\acute{r}C \dots C\acute{r}$.

$P - P \pm PsPeC \acute{z} \acute{C}\acute{I}P_{\mu}C\bar{H}C\ddagger P_{\mu}PIPs - \acute{C}\acute{I}C \acute{z} PrP\ddot{e}PSPSPsC - \acute{C}\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$:
 $P^{\circ}C\bar{H}C, P_{\mu}C\bar{H}C - P^{\circ}P \gg CH\bar{P}SP^{\circ} \ddot{P}\ddot{I}C - \ddot{P}\ddot{I}P_{\mu}C\bar{H}C, P_{\mu}PSP \cdot C - C\bar{I}, \ddot{P}\ddot{I}C\bar{H}P\ddot{e}\ddot{P}\ddot{I}P \gg P\ddot{e}PIP\ddot{e}$.

$P - P \pm PsPeC \acute{z} C\epsilon P \gg C \acute{z} PSPePsPIPs - PeP\ddot{e}C\epsilon PePsPIPsPiPs C, C\bar{H}P^{\circ}PeC, C \acute{z}$: $PSC\acute{r}PrPsC, P^{\circ}$,
 $P \pm P \gg C\bar{H}PIP^{\circ}PSPSC\bar{I}$, $P \pm C - P \gg CH \acute{C}\acute{r} P \parallel P\ddot{e}PIPsC, C -$, $PrC - P^{\circ}C\bar{H}P_{\mu}C\bar{I}$, $PiC - \ddot{P}\ddot{I}P_{\mu}C\bar{H}P\ddot{I}P \gg P^{\circ}P \cdot C - C\bar{I}$
 $C\bar{I}C\acute{I}P_{\mu}PS$, $PIP\ddot{e}C\bar{H}P^{\circ}P \cdot PeP^{\circ} C\epsilon P \gg C\acute{r}PSPeP^{\circ} C, P^{\circ} PrPIP^{\circ}PSP^{\circ}PrC\ddagger C\bar{I}C, P\ddot{e}\ddot{P}\ddot{I}P^{\circ}P \gg PsC -$
 $PeP\ddot{e}C\epsilon PeP\ddot{e}$, $\ddot{P}\ddot{I}P^{\circ}PSPeC\bar{H}P_{\mu}P^{\circ}C, P\ddot{e}C, .$

$P - P \pm PsPeC \acute{z} PiP_{\mu}P\ddot{I}P^{\circ}C, PsP \pm C - P \gg C - P^{\circ}C\bar{H}PSPsC - \acute{C}\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$:
 $\ddot{P}\ddot{I}PsC\bar{H}C\acute{r}C\epsilon P_{\mu}PSPSC\bar{I} C, , C\acute{r}PSPeC\ddagger C - C - \ddot{P}\ddot{I}P_{\mu}C\ddagger C - PSPeP\ddot{e}$,
 $PiP_{\mu}P\ddot{I}P^{\circ}C, PsC, PsPeC\acute{I}P\ddot{e}C\ddagger PSC - \acute{C}\acute{I}C, CH C, P^{\circ} C\acute{r}C\bar{H}P^{\circ}P \parallel P_{\mu}PSPSC\bar{I} \ddot{P}\ddot{I}P_{\mu}C\ddagger C - PSPeP\ddot{e}$,
 $PIPeP \gg C\bar{H}C\ddagger P^{\circ}C\bar{H}C\ddagger P\ddot{e} C \dots PsP \gg P_{\mu}C\acute{I}C, P^{\circ}P \cdot$, $P \parallel PsPIC, C\bar{I}PSP\ddot{e}C\ddagger C\bar{H}$, $PiP_{\mu}P\ddot{I}P^{\circ}C, P\ddot{e}C, C, P^{\circ}$
 $\ddot{P}\ddot{I}P_{\mu}C\ddagger C - PSPePsPIC\acute{r} PSP_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSC - \acute{C}\acute{I}C, CH P \cdot P \gg P_{\mu}C, P^{\circ}P \gg CH\bar{P}SP\ddot{e}Pj$
 $PSP^{\circ}C\acute{I}P \gg C - PrPePsPj$.

$P - P \pm PsPeC \acute{z} C\epsilon PeC - C\bar{H}P\ddot{e} C, P^{\circ} \ddot{P}\ddot{I}C - PrC\epsilon PeC - C\bar{H}PSPsC - PeP \gg C - C, PePsPIP\ddot{e}PSP\ddot{e}$:
 $PiC - C\bar{H}C\acute{I}C\acute{r}C, P\ddot{e}P \cdot Pj$, $PIP\ddot{e}C\acute{I}P\ddot{e}\ddot{P}\ddot{I}P^{\circ}PSPSC\bar{I}$, $P^{\circ}PePSP_{\mu}$, $P^{\circ}P \gg P_{\mu}C\bar{H}PiC - C\ddagger PSC -$
 $PIP\ddot{e}C\acute{I}P\ddot{e}\ddot{P}\ddot{I}P^{\circ}PSPSC\bar{I}$, $PiC - \ddot{P}\ddot{I}P_{\mu}C\bar{H}C, C\bar{H}P\ddot{e}C \dots PsP \cdot$.

$P - P \pm PsPeC \acute{z} \acute{C}\acute{I}P_{\mu}P_{\mu}P \gg P_{\mu}C, PSPs - Pj\bar{b}\bar{H}^{\text{TM}} C\bar{I}P \cdot PsPIPsC - \acute{C}\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$, $\acute{C}\acute{I}P\ddot{I}PsP \gg C \acute{z} C \ddagger PSPsC -$
 $C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e} C, P^{\circ} PeC - \acute{C}\acute{I}C, PsPe$: $Pj\bar{b}\bar{H}^{\text{TM}} C\bar{I}P \cdot PsPIC - \acute{C}\acute{I}P\ddot{I}P^{\circ}P \cdot PjP\ddot{e}$, $PjC - P^{\circ}P \gg PiC - C\bar{I}$,
 $Pj\bar{b}\bar{H}^{\text{TM}} C\bar{I}P \cdot PsPIP^{\circ} C\acute{I}P \gg P^{\circ}P \pm PeC - \acute{C}\acute{I}C, CH$, $PjC - PsP\ddot{I}P^{\circ}C, C - C\bar{I}$, $P \pm C - P \gg CH \acute{C}\acute{r}$
 $PeC - PSC\ddagger C - PIPeP^{\circ}C \dots$

$P - P \pm PsPeC \acute{z} PSP\ddot{e}C\bar{H}PsPe C, P^{\circ} \acute{C}\acute{I}P_{\mu}C\ddagger PsPIP\ddot{e}PrC - P \gg CH\bar{P}SPsC - \acute{C}\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e}$:
 $\ddot{P}\ddot{I}PsC\bar{H}C\acute{r}C\epsilon P_{\mu}PSPSC\bar{I} C, , C\acute{r}PSPeC\ddagger C - C - PSP\ddot{e}C\bar{H}PsPe$.

$P - P \pm PsPeC \acute{z} C\bar{H}P_{\mu}P\ddot{I}C\bar{H}PsPrC \acute{z} PeC, P\ddot{e}PIPSPsC - \acute{C}\acute{I}P\ddot{e}C\acute{I}C, P_{\mu}PjP\ddot{e} C, P^{\circ} PjPsP \gg PsC \ddagger PSP\ddot{e}C \dots$
 $P \cdot P^{\circ}P \gg PsP \cdot$: $\ddot{P}\ddot{I}PsC\bar{H}C\acute{r}C\epsilon P_{\mu}PSPSC\bar{I} PjP_{\mu}PSC\acute{I}C, C\bar{H}C\acute{r}P^{\circ}P \gg CH\bar{P}SPsPiPs C\ddagger P\ddot{e}PeP \gg C\acute{r}$,
 $PiC - PSP_{\mu}PePsPjP^{\circ}C\acute{I}C, C - C\bar{I}$.

$P - P^{\circ}PiP^{\circ}P \gg CH\bar{P}SC - C\bar{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e} C, P^{\circ} C \acute{z} \acute{C}\acute{I}PeP \gg P^{\circ}PrPSP_{\mu}PSPSC\bar{I} C \acute{z} PjC - \acute{C}\acute{I}C\ddagger C -$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\bar{I}$: $PiC - C\bar{H}P_{\mu}PeC\acute{I}C - C\bar{I}$, $PiC - PrPIP\ddot{e}C\%_{\circ}P_{\mu}PSP^{\circ} PIC, PsPjP \gg C\bar{H}PIP^{\circ}PSC - \acute{C}\acute{I}C, CH$,
 $PSP^{\circ}P \pm C\bar{H}C\bar{I}PeP\ddot{e}$, $P \cdot P \pm C - P \gg CHC\epsilon P_{\mu}PSPSC\bar{I} PjP^{\circ}C\acute{I}P\ddot{e} C, C - P \gg P^{\circ}$.

$P\bar{h}P\ddot{I}P\ddot{e}C\acute{I} PsPeC\bar{H}P_{\mu}PjP\ddot{e}C \dots \ddot{P}\ddot{I}PsP \pm C - C \ddagger PSP\ddot{e}C \dots C\bar{H}P_{\mu}P^{\circ}PeC\ddagger C - P\bar{N}_{\circ}$

$P_{\mu}PsC\bar{H}C \acute{z} C\epsilon P_{\mu}PSPSC\bar{I} \acute{C}\acute{I}P \gg C \acute{z} C \dots C \acute{z}$. $P_{\mu}PsPIC - PrPsPjP \gg C\bar{I}P \gg PsC\acute{I}C\bar{I} \ddot{P}\ddot{I}C\bar{H}Ps$
 $\ddot{P}\ddot{I}PsC\bar{H}C\acute{r}C\epsilon P_{\mu}PSPSC\bar{I} \acute{C}\acute{I}P \gg C\acute{r}C \dots C\acute{r} PI \ddot{P}\ddot{I}C - \acute{C}\acute{I}P \gg C\bar{I}C\bar{H}P_{\mu}C''C\acute{I}C, C\bar{H}P^{\circ}C\ddagger C - P\bar{N}_{\circ}PSP\ddot{e}P\bar{N}_{\circ}$
 $\ddot{P}\ddot{I}P_{\mu}C\bar{H}C - PsPr \acute{C}\acute{r} \ddot{P}\ddot{I}P^{\circ}C\ddagger C - C''PSC, C - PI C - P \cdot PIP\ddot{e}C\acute{I}PsPeP\ddot{e}PjP\ddot{e} C\bar{H}C - PIPSC\bar{I}PjP\ddot{e}$
 $C\ddagger P\ddot{e}PeP \gg PsC\acute{I}P\ddot{I}PsC\bar{H}P\ddot{e}PSC\acute{r}$.

$P\ddagger PSC\epsilon C - \ddot{P}\ddot{I}PsP \pm C - C \ddagger PSC - C\bar{H}P_{\mu}P^{\circ}PeC\ddagger C - C - P \cdot P^{\circ} PrP^{\circ}PSP\ddot{e}PjP\ddot{e}$
 $PiC - \acute{C}\acute{I}P \gg C\bar{I}C\bar{H}P_{\mu}C''C\acute{I}C, C\bar{H}P^{\circ}C\ddagger C - P\bar{N}_{\circ}PSPsPiPs P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C \acute{z} PIP^{\circ}PSPSC\bar{I}$
 $PiC\bar{H}P_{\mu}P\ddot{I}P^{\circ}C\bar{H}P^{\circ}C, C \acute{z}$. $P_{\mu}PsPIC - PrPsPjP \gg C\bar{I}P \gg PsC\acute{I}C\bar{I} \ddot{P}\ddot{I}C\bar{H}Ps$
 $PiP_{\mu}P\ddot{I}P^{\circ}C, PsC, PsPeC\acute{I}P\ddot{e}C\ddagger PSC - \acute{C}\acute{I}C, CH C, P^{\circ} C\acute{r}C\bar{H}P^{\circ}P \parallel P_{\mu}PSPSC\bar{I} \ddot{P}\ddot{I}P_{\mu}C\ddagger C - PSPeP\ddot{e}$,
 $PIPeP \gg C\bar{H}C\ddagger P^{\circ}C\bar{H}C\ddagger P\ddot{e} C \dots PsP \gg P_{\mu}C\acute{I}C, P^{\circ}P \cdot$, $P \parallel PsPIC, C\bar{I}PSP\ddot{e}C\ddagger PSC - C, , PsC\bar{H}PjP\ddot{e}$
 $PiP_{\mu}P\ddot{I}P^{\circ}C, P\ddot{e}C, C\acute{r} C, P^{\circ} \ddot{P}\ddot{I}P_{\mu}C\ddagger C - PSPePsPIC\acute{r} PSP_{\mu}PrPsC\acute{I}C, P^{\circ}C, PSC - \acute{C}\acute{I}C, CH \acute{C}\acute{r}$
 $\ddot{P}\ddot{I}P^{\circ}C\ddagger C - C''PSC, C - PI, C\bar{I}PeC - PsC, C\bar{H}P\ddot{e}PjC\acute{r}PIP^{\circ}P \gg P\ddot{e} C, P_{\mu}C\bar{H}P^{\circ}P\ddot{I}C - C\bar{H}$

C†PëPeP»PsC†PīPsCĤPëPSPsPj. PJ P±C-P»CHC€PsC†C,C- PIPëPīP°PrPeC-PI C†C-
PīPsPIC-PrPsPjP»PμPSPSCĬ C†C,PsC†C†PIP°P»PëC†CĬ PīP°C†C-C”PSC,C-PI C-P·
C†C†C,C,C”PIPëPjPë C†C†PīC†C,PSC-PjPë PīP°C,PSP»PsPiC-CĬPjPë, PīCĤPëC...PsPIP°PSPëPjPë
P·P°C...PIPScĤCĤPIP°PSPSCĬPjPë C,P° C-PSC€PëPjPë PsP±C,CĬP¶C†CĤC†PëPjPë
C,,P°PeC,PScĤP°PjPë, C† C,PSPjC† C†PëC†P»C- C-PSC,,PμPeC†C-PNëPSPëPjPë
C†C†PeP»P°PrPSPμPSPSCĬPjPë C,P° PsPrPSPSc†P°C†PSPsPjC† P·P°C†C,PSc†C†PIP°PSPSC-
C-PSC€PëC... PīCĤPμPīP°CĤP°C,C-PI P· PīPμPīP°C,PSc,PSPeC†PëC†PSPëPjPë
PIP»P°C†C,PëPIPSc†C,CĬPjPë. P†PSPsPrC-, PīPμCĤPμPIP°P¶PSPs C† PīP°C†C-C”PSC,C-PI
PīC-C†P»CĬ C,CĤP°PSC†PīP»P°PSC,P°C†C-C—, PīPsPIC-PrPsPjP»CĬP»PsC†CĬ PīCĤPs
P»PμC,P°P»CHbPSC- PIPëPīP°PrPePë.

P”PsC†C,CĤP° C- C...CĤPsPSC-C†PSP° PSPμC,,CĤPsC,PSPeC†PëC†PSC-C†C,CHb.
PμP°C†C-C”PSC,Pë, CĬPeC- PsC,CĤPëPjC†CĤC,CHb P»C-PeC†PIP°PSPSCĬ
C-PSPiC-P±C-C,PScĤP°PjPë PeP°P»CHC†PëPSPμPICĤPëPSC† (CNI), C† C,PSPjC† C†PëC†P»C-
C†PëPeP»PsC†PīPsCĤPëPSPsPj C,P° PīCĤPμPīP°CĤP°C,P°PjPë, C%Ps PjC-C†C,CĬC,CHb
C†PëPeP»PsC†PīPsCĤPëPS, PjP°CĤC,CHb PīC-PrPIPëC%PμPSPëPNë CĤPëP·PëPe
PIPëPSPëPePSPμPSPSCĬ PīPsC†C,CĤPsC— P°P±Ps C...CĤPsPSC-C†PSPSc—
PSPμC,,CĤPsC,PSPeC†PëC†PSPSc†C,C-. PμCĤPë PīPsC†C,CĤC-PNë
PSPμC,,CĤPsC,PSPeC†PëC†PSPSc†C,C- PīPsPIC-PrPsPjP»CĬP»PsC†CĬ PīCĤPs PIPëPīP°PrPePë
PīPsCĤC†C€PμPSCĤ C-PSPSPsPīPs PīPsPjPμPsC†C,P°P·C†, C,P°PePëC... CĬPe
PīC-PīPμCĤPeP°P»C-C”PjC-CĬ, PīC-PīPsPjP°PīPSC-C”PjC-CĬ C,P°
PīC-PīPμCĤC†CĤPëPePμPjC-CĬ. P’PëPīP°PrPePë C...CĤPsPSC-C†PSPëC...
PjPsCĤC,,PsP»PsPiC-C†PSPëC... P·PjC-PS PIPeP»CĤC†P°P»Pë P°CĤC,PμCĤC-PsP»CĬCĤPSPëPNë
PīC-P°P»C-PSPsP·, C,C†P±C†P»CĬCĤPSC† P°C,CĤPsC,,C-CĤ C,P°
C-PSC,PμCĤC†C,PëC†C-P°P»CHbPSPëPNë C,,C-P±CĤPsP·.

PμPsPIC-PrPsPjP»CĬP»PsC†CĬ, C%Ps PīCĤPë P·P°C†C,PSc†C†PIP°PSPSC-
C†C,P°PSPPrP°CĤC,PSPëC... PrPsP· C†PëPeP»PsC†PīPsCĤPëPSC† C† PrC-C,PμPNë PIC-PePsPj
PIC-Pr 1 CĤPsPeC† PīCĤPsC,,C-P»CHb P±PμP·PīPμPePë P±C†PI PīPsPrC-P±PSPëPNë PrPs
C,P°PePsPīPs PrP»CĬ PrPsCĤPsC†P»PëC....

*PμPsPIC-PrPsPjP»PμPSPSCĬ PīCĤPs PīC-PrPsP·CĤCĤPIP°PSC- PīPsP±C-C†PSC-
CĤPμP°PeC†C-C—.* PμCĤPs C†C†C- PIPëPīP°PrPePë PīC-PrPsP·CĤCĤPIP°PSPëC...
PīPsP±C-C†PSPëC... CĤPμP°PeC†C-PNë C,P° PIC-PrC†C†C,PSPSc†C,C-
PμC,,PμPeC,PëPIPSPSc†C,C- PīCĤPμPīP°CĤP°C,C† C†P»C-Pr PīPsPIC-PrPsPjP»CĬC,Pë P·P°
PīPsC†PëP»P°PSPSCĬPj: <https://aisf.dec.gov.ua/>.

PŷPμCĤPjC-PS PīCĤPëPrP°C,PSPSc†C,C-. 3 CĤPsPePë.

PJjPjPsPIPë P·P±PμCĤC-PiP°PSPSCĬ.

P—P±PμCĤC-PiP°C,Pë PīCĤPë C,PμPjPīPμCĤP°C,C†CĤC- PSPμ PIPëC%Pμ 30 B°Pŷ PI
PsCĤPëPiC-PSP°P»CHbPSC-PNë C†PīP°PePsPIC†C- C† PSPμPrPsC†C,C†PīPSPsPjC† PrP»CĬ
PrC-C,PμPNë PjC-C†C†C-. PkPμ P·P°PjPsCĤPsP¶C†PIP°C,Pë.

PJPīP°PePsPIPëP°.

[illegible]

РлР°С,РµРµРµСђС-Сђ РІС-РѓРїСѓСђСђРёСђ. Р-Р° СђРµСђРµРµСђС,РµРµРµ.

P'PëCĤPsP±PSPëPe. PŷPµPIP° P§PµC... P†PSPτP°CÍ'C,CĤC-P. CÍ'.CĤ.Ps.

**Р_НС-СГ'С†Р_μР·PSP°С...PsPrP¶Р_μPSPSC¶ PIPëC¶P_SP±PSPëPëP° С,P° P°PrC¶P_μСГ'P°
PjC-СГ'С†C¶ PïC¶P_SPIP°PrP¶Р_μPSPSC¶ PNøPsPiPs PrC-C¶P»CHbPSPsСГ'С,C-.**

Р'СгР». PhCГC, CГP°PICГPeP° 305/29, PьPsPjP°CГPsPI, 747 70 PhPïP°PIP°, PSpмCГCHьPeP°
P PмCГPïCгP±P»C-PeP°.