

P_HP_uC...P^oPSC-P·Pj P_rC-C—.

P†C†PSCrC" PiCḡPēPiC†C%PμPSPSCḡ, C%Ps PμC,,PμPeC,PēPIPSC-C†C,CH
 P°CḡPēPiC-PiCḡP°P·PsP»C† C† PIPēPiP°PrPeC† C€PēP·PsC,,CḡPμPSC-C— C-
 P±C-PiPsP»CḡCḡPSPsPiPs CḡPsP·P»P°PrC† P† C,PēPiC†
 PsPiPsC†PμCḡPμPrPePsPIC†C"C,CHC†Cḡ C†PμCḡPμP· PePsPjP±C-PSP°C†C-Cḡ PNēPsPiPs
 P°PeC,PēPIPSPsC†C,C- CḡPe C†P°C†C,PePsPiPsPiPs P°PiPsPSC-C†C,P° PrPs
 PrPsC,,P°PjC-PSPsPiPēC... CḡPμC†PμPiC,PsCḡC-PI D2 C,P° C†PμCḡPsC,PsPSC-PSPsPiPēC...
 CḡPμC†PμPiC,PsCḡC-PI 5P†Pŷ1 C- P°PSC,P°PiPsPSC-C†C,P° PrPs
 C†PμCḡPsC,PsPSC-PSPsPiPēC... CḡPμC†PμPiC,PsCḡC-PI 5P†Pŷ2. PḡCḡPēPiC-PiCḡP°P·PsP»
 PiCḡPsCḡPIP»CḡC" PIP»P°C†C,PēPIPsC†C,C- P°PSC,P°PiPsPSC-C†C,P° C† C,PIP°CḡPēPS P·
 PrPsPiP°PjC-PSPμCḡPiC-C†PSPsCḡ PiC-PiPμCḡP°PeC,PēPIPSC-C†C,Cḡ C,P°
 PIP»P°C†C,PēPIPsC†C,C- P°PiPsPSC-C†C,P° C† C,PIP°CḡPēPS P·
 PrPsPiP°PjC-PSPμCḡPiC-C†PSPsCḡ PiC-PiPsP°PeC,PēPIPSC-C†C,Cḡ. PḡCḡPēPiC-PiCḡP°P·PsP»
 PiCḡPsCḡPIP»CḡC" PIPēC†PsPeC† P·PiBḡ™ CḡP·C†CḡC†C† P°C,,C-PSPSC-C†C,CH in
 vitro PrP»Cḡ PrPsC,,P°PjC-PSPsPiPēC... D2 C- D3 CḡPμC†PμPiC,PsCḡC-PI,
 C†PμCḡPsC,PsPSC-PSPsPiPēC... 5HT1a C,P° 5P†Pŷ2 CḡPμC†PμPiC,PsCḡC-PI C- PiPsPjC-CḡPSC†
 C†PiPsCḡC-PrPSPμPSC-C†C,CH PrP»Cḡ PrPsC,,P°PjC-PSPsPiPēC... D4,
 C†PμCḡPsC,PsPSC-PSPsPiPēC... 5HT2c C,P° 5P†Pŷ7, P°PrCḡPμPSPμCḡPiC-C†PSPēC...
 P°P»CHC,,P°-1 C,P° PiC-C†C,P°PjC-PSPsPiPēC... H1 CḡPμC†PμPiC,PsCḡC-PI. PŷP°PePsP¶
 P°CḡPēPiC-PiCḡP°P·PsP» PiCḡPsCḡPIP»CḡC" PiPsPjC-CḡPSC† P·PiBḡ™ CḡP·C†CḡC†C†
 P°C,,C-PSPSC-C†C,CH PrP»Cḡ P·PiPsCḡPsC,PsPsPiPs P·P°C...PsPiP»PμPSPSCḡ
 C†PμCḡPsC,PsPSC-PSC† C- P¶PsPrPSPsC— PiPsPjC-C,PsPsC— P°C,,C-PSPSPsC†C,C- PrP»Cḡ
 PjC†C†PeP°CḡPēPSPsPiPēC... CḡPμC†PμPiC,PsCḡC-PI. P'P·P°C"PjPsPrC-Cḡ P· C-PSC€PēPjPē
 CḡPμC†PμPiC,PsCḡP°PjPē, PsPeCḡC-Pj PrPsC,,P°PjC-PSPsPiPēC... C,P°
 C†PμCḡPsC,PsPSC-PSPsPiPēC... PiC-PrC,PēPiC-PI, PjPsP¶Pμ PiPsCḡC†PSPēC,Pē PrPμCḡPeC- P·
 C-PSC€PēC... PeP»C-PSC-C†PSPēC... PμC,,PμPeC,C-PI P°CḡPēPiC-PiCḡP°P·PsP»C†.

PḡCḡPēPiC-PiCḡP°P·PsP», CḡPePēPNē P·P°C†C,PsC†PsPIC†PIP°P»Pē P·PrPsCḡPsPiPēPj
 PsC†PsP±P°Pj PI PrPsP·C- PIC-Pr 0,5 PrPs 30 PjPi PsPrPēPS CḡP°P· PSP° PrPμPSCḡ
 PiCḡPsC,CḡPiPsPj 2 C,PēP¶PSC-PI, P·P°P»PμP¶PSPs PIC-Pr PrPsP·Pē P·PSPēP¶C†PIP°PI
 P·PiBḡ™ CḡP·C†PIP°PSPSCḡ ¹¹C-CḡP°PeP»PsPiCḡPēPrC†, P»C-PiP°PSPrP° CḡPμC†PμPiC,PsCḡP°
 D2/D3, PrP»Cḡ PIPēCḡPIP»PμPSPSCḡ C...PiPsC†C,P°C,PsPiPs CḡPrCḡP° C,P° P»C†C€PiPēPSPē
 P·P° PrPsPiPsPjPsPiPsCḡ PiPsP·PēC,CḡPsPSPSPs-PμPjC-C†C-PNēPSPsC— C,PsPjPsPiCḡP°C,,C-C—.

PḡP»C-PSC-C†PSP° PμC,,PμPeC,PēPIPSC-C†C,CH C,P° P±PμP·PiPμPeP°

PēPēP·PsC,,CḡPμPSC-Cḡ

PḡCḡPēPiC-PiCḡP°P·PsP» C" PμC,,PμPeC,PēPIPSPēPj C† PiC-PrC,CḡPēPjP°PSPSC-
 PeP»C-PSC-C†PSPsPiPs PiPsPeCḡP°C%PμPSPSCḡ PiC-Pr C†P°C† PiCḡPsPrPsPiP¶PμPSPSCḡ
 C,PμCḡP°PiC-C— C† PrPsCḡPsC†P»PēC... PiP°C†C-C"PSC,C-PI, CḡPeC- PiPsPeP°P·P°P»Pē
 PiPsC†P°C,PePsPIC† PIC-PrPiPsPIC-PrCH PSP° P»C-PeC†PIP°PSPSCḡ.

P—P±C-P»CHC€PμPSPSCḡ PjP°C†Pē C,C-P»P°

P'C†C,P°PSPsPiP»PμPSPs, C%Ps P°CḡPēPiC-PiCḡP°P·PsP» PSPμ PIPēPeP»PēPeP°C"
 PeP»C-PSC-C†PSPs P·PSP°C†C†C%PsPiPs P·P±C-P»CHC€PμPSPSCḡ PjP°C†Pē C,C-P»P°.

PμPsPeP°P·PSPēPePē P»C-PiC-PrC-PI

PḡCḡPēPiC-PiCḡP°P·PsP» PSPμ PIPēPeP»PēPeP°C" PeP»C-PSC-C†PSPs P·PSP°C†C†C%PēC...
 P·PjC-PS PI P·P°PiP°P»CHPSPsPjC† CḡC-PIPSC- PIPjC-C†C,C† C...PsP»PμC†C,PμCḡPēPSC†,
 C,CḡPēPiP»C-C†PμCḡPēPrC-PI, P»C-PiPsPiCḡPsC,PμC—PSC-PI PIPēC†PsPePsC—

C%oC-P»CHbPSPsCfC,C- (P>PμP'P©) C,P° P»C-PiPsPiCfPSC,PμC—PSC-PI PSPëP·CHPePsC—
C%oC-P»CHbPSPsCfC,C- (P>PμP'P©).

PμCfPSP»P°PeC,PëPS

P C-PIPSC- PiCfPSP»P°PeC,PëPSCr PsCtC-PSCfPIP°P»Pë Cr PICfC-C...
PIPëPiCfPSP±CfPIP°PSPSCfC... PICfC-C... PrPsP· P°CfPëPiC-PiCfP°P·PsP»Cr (n = 28242).
P§P°CfC,PsC,P° PiC-PiPμCfPiCfPSP»P°PeC,PëPSPμPjC-C— P°P±Ps PiC-PrPIPëC%oPμPSPSCfC
CfC-PIPSCfC PiCfPSP»P°PeC,PëPSCr PI CfPëCfPSPiP°C,CtC- PeCfPSPiC- Cr
PiP°CtC-C"PSC,C-PI, CμPeC- PsC,CfPëPjCfPIP°P»Pë P°CfPëPiC-PiCfP°P·PsP» (0,3 %),
P±CfP»P° PiPsPrC-P±PSPsCf PrPs C±P°CfC,PsC,Pë Cr PiCfCfPiC- PiP»P°CtPμP±Ps (0,2 %). PJ
PiP°CtC-C"PSC,C-PI, CμPeC- PsC,CfPëPjCfPIP°P»Pë P°CfPëPiC-PiCfP°P·PsP»,
CfPμCfPμPrPSC-PNë C±P°Cf PrPs PiPsC±P°C,PeCr P·P°C...PiPsCfCfPIP°PSPSCfC
CfC,P°PSPsPIPëPI 42 PrPSC-, P° CfPμCfPμPrPSCfC C,CfPëPIP°P»C-CfC,CH bH" 34 PrPSC-.

P§P°CfC,PsC,P° PiC-PiPsPiCfPSP»P°PeC,PëPSPμPjC-C— P°P±Ps P·PSPëPμPμPSPSCfC
CfC-PIPSCfC PiCfPSP»P°PeC,PëPSCr PI CfPëCfPSPiP°C,CtC- PeCfPSPiC- Cr
PiP°CtC-C"PSC,C-PI, CμPeC- PsC,CfPëPjCfPIP°P»Pë P°CfPëPiC-PiCfP°P·PsP»,
CfC,P°PSPsPIPëP»P° 0,4 % PiPsCfC-PIPSCfCPSPs P· 0,02 % Cr PiP°CtC-C"PSC,C-PI, CμPeC-
PsC,CfPëPjCfPIP°P»Pë PiP»P°CtPμP±Ps. PJ PiP°CtC-C"PSC,C-PI, CμPeC- PsC,CfPëPjCfPIP°P»Pë
P°CfPëPiC-PiCfP°P·PsP», CfPμCfPμPrPSC-PNë C±P°Cf PrPs PiPsC±P°C,PeCr CfC,P°PSPsPIPëPI
30 PrPSC-PI, P° CfPμCfPμPrPSCfC C,CfPëPIP°P»C-CfC,CH bH" 194 PrPSC-.

*P·PiC-P·PsPrPë PjP°PSC-P°PeP°P»CHbPSPsPiPs C...P°CfP°PeC,PμCfCé PiCfPë
P±C-PiPsP»CfCfPSPsPjCé CfPSP·P»P°PrC- I C,PëPiCé*

PfCfPëPiC-PiCfP°P·PsP» PiCfPSPPrPμPjPsPSCfC,CfCfPIP°PI PeCfP°C%oCr
PμC,,PμPeC,PëPIPSC-CfC,CH PiPsCfC-PIPSCfCPSPs P· PiP»P°CtPμP±Ps Cr P·PjPμPSCëPμPSPSC-
PjP°PSC-P°PeP°P»CHbPSPëC... CfPëPjPiC,PsPjC-PI PiPsPSP°Pr 3 C,PëPμPSC-.

PμP°CtC-C"PSC,Pë PrPëC,CfC±PsPiPs PIC-PeCr

PëPëP·PsC,,CfPμPSC-CfC Cé PiC-PrP»C-C,PeC-PI

PJ PiC-PrP»C-C,PeC-PI PIC-PePsPj 13bH"17 CfPSPeC-PI, C...PiPsCfPëC... PSP°
CëPëP·PsC,,CfPμPSC-CfC, CμPeC- PjP°P»Pë PiPsP·PëC,PëPIPSC- P°P±Ps PSPμPiP°C,PëPIPSC-
CfPëPjPiC,PsPjPë, P·P°CfC,PsCfCfPIP°PSPSCfC P°CfPëPiC-PiCfP°P·PsP»Cr P±CfP»Ps
PiPsPiPbH™ CμP·P°PSPμ P·C- CfC,P°C,PëCfC,PëC±PSPs PeCfP°C%oPëPjPë
PiPsP»C-PiCëPμPSPSCfCfPë PiCfPëC...PsC,PëC±PSPëC... CfPëPjPiC,PsPjC-PI
PiPsCfC-PIPSCfCPSPs P· PiP»P°CtPμP±Ps.

*P·PiC-P·PsPrPë PjP°PSC-P°PeP°P»CHbPSPsPiPs C...P°CfP°PeC,PμCfCé PiCfPë
P±C-PiPsP»CfCfPSPsPjCé CfPSP·P»P°PrC- Cé PrC-C,PμPNë C,P° PiC-PrP»C-C,PeC-PI*

P'P°PNëP±C-P»CHbCë PiPsCëPëCfPμPSPëPjPë PiPsP±C-C±PSPëPjPë PμC,,PμPeC,P°PjPë, CμPeC-
P·bH™ CμPIPëP»PëCfCfC PiC-Pr C±P°Cf P»C-PeCrPIP°PSPSCfC, CfPμCfPμPr
PiP°CtC-C"PSC,C-PI, CμPeC- PsC,CfPëPjCfPIP°P»Pë C,P°P±P»PμC,PePë PiPs 30 PjPi, P±CfP»Pë:
PμPeCfC,CfP°PiC-CfP°PjC-PrPSPëPNë CfPSP·P»P°Pr (28,3 %), CfPSPSP»PëPIC-CfC,CH (27,3
) , PiPsP»PsPIPSPëPNë P±C-P»CH (23,2 %) C,P° PSCfPrPsC,P° (14,1 %). PÿPμCfPμPrPSC"
P·P±C-P»CHbCëPμPSPSCfC PjP°CfPë C,C-P»P° P·P° 30 C,PëPμPSC-PI P»C-PeCrPIP°PSPSCfC
CfC,P°PSPsPIPëP»Ps 2,9 PePi PI PiPsCfC-PIPSCfCPSPSC- P· 0,98 PePi Cr PiP°CtC-C"PSC,C-PI,
CμPeC- P»C-PeCrPIP°P»PëCfCfC PiP»P°CtPμP±Ps.

P''C₇P°C,C-PIP»PëPIC-Cl'C,CH, PIPëPeP»PëPeP°PSP° P°CžC,PëC†PSPëPj C₇PsP·P»P°PrPsPj, Cž
PiP°C†C-C''PSC,C-PI PrPëC,C₁C†PsPiPs PIC-PëCž (PrPëPI. C₇PsP·PrC-P» B«PŸPiPsCl'C-P±
P·P°Cl'C,PsCl'CžPIP°PSPSC₁ C,P° PrPsP·PëB»)

P—P° C₇P_μ·C₇P»CHC,P°C,P°PjPë PrPsCl'P»C-PrP_μPSCH PICl'C,P°PSPsPIP»P_μPSPs, C%₀Ps
P°C₇PëPiC-PiC₇P°P·PsP» PIPëC₁PIPIëPi Cl'C,P°C,PëCl'C,PëC†PSPs P±C-P»CHC€C₇
P_μC,,P_μPeC,PëPIPS-Cl'C,CH C₇ PiPsC₇C-PIPS₁PS- P· PiP»P°C†P_μP±Ps.

PŸCžPrPsPjPë, PIPëPeP»PëPeP°PSC- C₇PsP·P»P°PrPsPj PŸCžC₇P_μC,C,P°, Cž PiP°C†C-C''PSC,C-PI
PrPëC,C₁C†PsPiPs PIC-PëCž (PrPëPI. C₇PsP·PrC-P» B«PŸPiPsCl'C-P±
P·P°Cl'C,PsCl'CžPIP°PSPSC₁ C,P° PrPsP·PëB»)

P_μP»C-PSC-C†PSP° P·PSP°C†PëPjC-Cl'C,CH C₇P_μ·C₇P»CHC,P°C,C-PI
P_μC,,P_μPeC,PëPIPS₁Cl'C,C- P»C-PëC₇PIP°PSPSC₁ P°C₇PëPiC-PiC₇P°P·PsP»PsPj C₇ PrC-C,P_μPN₀
C-P· Cl'PëPSP₇C₇PsPjPsPj PŸC₇C₇P_μC,C,P° PSP_μ P±C₇P»P° PICl'C,P°PSPsPIP»P_μPSP° P·
PsPiP»C₁PIPrC₇ PSP° PjP°Cl'C€C,P°P±Pë P_μC,,P_μPeC,C₇ P»C-PëC₇PIP°PSPSC₁ C₇
PiPsC₇C-PIPS₁PS- P·C- P·PSP°C†PSPëPj P_μC,,P_μPeC,PsPj PiP»P°C†P_μP±Ps C,P° PSP°
PSP_μC₁Cl'PSC- P_μC,,P_μPeC,Pë C%₀PsPrPs PiCl'PëC...PsCl'PsC†C-P°P»CHPSPsPiPs
C,,C₇PSPeC†C-PsPSC₇PIP°PSPSC₁. P_μPjP°C'' PrPsPIPiPsCl'C,C₇PsPePsPIPëC... PrP°PSPëC...
C%₀PsPrPs P_μC,,P_μPeC,PëPIPS₁Cl'C,C- C,P° P±P_μ·PiP_μPePë P°C₇PëPiC-PiC₇P°P·PsP»C₇ PI
C†CHPsPjC₇ C₇PsP·P»P°PrC-, C...C-Pr C₁PePsPiPs PePsP»PëPIP°C''C,CHCl'C₁.

P_μP°C₇PjP°PePsPeC-PSP_μC,PëPeP°.

P_μP±Cl'PsC₇P±C†C-C₁

P_μC₇PëPiC-PiC₇P°P·PsP» PrPsP±C₇P_μ PICl'PjPsPeC,C₇C''C,CHCl'C₁, C- PiC-PëPsPIP°
PePsPSC†P_μPSC,C₇P°C†C-C₁ C₇ PiP»P°P·PjC- PiC₇PsC₁PIP»C₁C''C,CHCl'C₁ C†P_μC₇P_μP· 3B₇''5
PiPsPrPëPS PiC-Cl'P»C₁ PIPIP_μPrP_μPSPSC₁ PrPsP·Pë. P_μC₇PëPiC-PiC₇P°P·PsP»
PiC₇PsC...PsPrPëC,CH PjC-PSC-PjP°P»CHPSPëPN₀ PiC₇P_μCl'PëC₇C,P_μPjPSPëPN₀
PjP_μC,P°P±PsP»C-P·Pj. P_μP±Cl'PsP»CHC,PSP° P±C-PsPrPsCl'C,C₇PiPSC-Cl'C,CH
C,P°P±P»P_μC,PsPIP°PSPsC— C,,PsC₇PjPë PiC₇P_μPiP°C₇P°C,C₇ Cl'C,P°PSPsPIPëC,CH 87 %.
P†P_μP° P· PIPëCl'PsPePëPj PIPjC-Cl'C,PsPj P_μPëC₇C₇ PSP_μ PIPiP»PëPIP°C'' PSP°
C,,P°C₇PjP°PePsPeC-PSP_μC,PëC†PSC- PIP»P°Cl'C,PëPIPSCl'C,C- P°C₇PëPiC-PiC₇P°P·PsP»C₇.

P PsP·PiPsPrC-P»

P_μC₇PëPiC-PiC₇P°P·PsP» C€PëC₇PsPePs C₇PsP·PiPsPrC-P»C₁C''C,CHCl'C₁ C₇
C,PeP°PSPëPSP°C... PsC₇PiP°PSC-P·PjC₇. P_μP±B₇™C''Pj C₇PsP·PiPsPrC-P»C₇
Cl'C,P°PSPsPIPëC,CH 4,9 P»/PePi, PIPëP°P·C₇CHC†Pë PSP° P_μPeCl'C,P_μPSCl'PëPIPSPëPN₀
P_μPeCl'C,C₇P°PIP°Cl'PeC₇P»C₁C₇PSPëPN₀ C₇PsP·PiPsPrC-P». P_μC₇Pë
C,P_μC₇P°PiP_μPIC,PëC†PSPëC... PePsPSC†P_μPSC,C₇P°C†C-C₁C... P±C-P»CHC€P_μ 99 %
P°C₇PëPiC-PiC₇P°P·PsP»C₇ C,P° PrP_μPiC-PrC₇PsPiP_μPSC-P·P°C†C-C—,
PiC-PrC₇PsPeCl'PëP»CHPIP°PSPSC₁, N-PrP_μP°P»PeC-P»C₇PIP°PSPSC₁Pj. P—P°
P·PiB₇™C₁PIPrC₇C,CHCl'C₁ P· P±C-P»PeP°PjPë Cl'PëC₇PsPIP°C,PePë, PiP_μC₇P_μPIP°P_μPSPs P·
P°P»CHP±C₇PjC-PSPsPj.

P'C-PsC,C₇P°PSCl'C,,PsC₇PjP°C†C-C₁

P_μC₇PëPiC-PiC₇P°P·PsP» P°PeC,PëPIPS₁ PjP_μC,P°P±PsP»C-P·C₇C''C,CHCl'C₁
PiP_μC†C-PSPePsC₇, PiP_μC₇C€ P·P° PICl'P_μ C,C₇CHPsPjP° C€P»C₁C...P°PjPë
P±C-PsC,C₇P°PSCl'C,,PsC₇PjP°C†C-C—: PrP_μPiC-PrC₇PsPiP_μPSC-P·P°C†C-C—,
PiC-PrC₇PsPeCl'PëP»CHPIP°PSPSC₁, N-PrP_μP°P»PeC-P»C₇PIP°PSPSC₁Pj. P—P°
PrP°PSPëPjPë PrPsCl'P»C-PrP_μPSCH *in vitro*, C,,P_μC₇PjP_μPSC,Pë CYP3A4 C,P° CYP2D6

PIC-PrPīPsPIC-PrP°CĤC,CH P·P° PrPμPiC-PrCĤPsPiPμPSC-P·P°C†C-CĤ C-
PiC-PrCĤPsPeC†PēP»CĤPIP°PSPSCĬ P°CĤPēPiC-PiCĤP°P·PsP»C†, P° N-
PrPμP°P»PeC-P»C†PIP°PSPSCĬ PeP°C,P°P»C-P·C†C”C,CHC†CĬ C,,PμCĤPjPμPSC,PsPj CYP3A4.
PĤCĤPēPiC-PiCĤP°P·PsP» C” PrPsPjC-PSC†CĤC†PsCĤ CĤPμC†PsPIPēPSPsCĤ
P»C-PeP°CĤC†CHPePsPiPs PiCĤPμPiP°CĤP°C,C† C† PIPμP»PēPePsPjC† PePsP»C-
PeCĤPsPIPsPs±C-PiC†. Pj C†C,C-PNēPePsPjC† C†C,P°PSC-
PrPμPiC-PrCĤPsP°CĤPēPiC-PiCĤP°P·PsP», P°PeC,PēPIPSPēPNē PjPμC,P°P±PsP»C-C,,
C†C,P°PSPsPIPēC,CH P±P»PēP·CHPePs 40 % PIPμP»PēC†PēPSPē AUC
P°CĤPēPiC-PiCĤP°P·PsP»C† PI PiP»P°P·PjC-.

P’PēPIPμPrPμPSPSCĬ

PŸPμCĤPμPrPSC-PNē PiPμCĤC-PsPr PSP°PiC-PIPIPēPIPμPrPμPSPSCĬ
P°CĤPēPiC-PiCĤP°P·PsP»C† C†C,P°PSPsPIPēC,CH PiCĤPēP±P»PēP·PSPs 75 PiPsPrPēPS PI
PsC†C-P± P· P°PeC,PēPIPSPēPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2D6 C,P° PiCĤPēP±P»PēP·PSPs
146 PiPsPrPēPS PI PsC†C-P± P·C- C†P»P°P±PePēPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2D6.

P—P°PiP°P»CHPSPēPNē PeP»C-CĤPμPSC† P°CĤPēPiC-PiCĤP°P·PsP»C† C†C,P°PSPsPIPēC,CH 0,7
PjP»/C...PI/PePi. P’ PsC†PSPsPIPSPsPjC† P°CĤPēPiC-PiCĤP°P·PsP» PIPēPIPsPrPēC,CHC†CĬ
C†PμCĤPμP· PiPμC†C-PSPeC†.

PμC-C†P»CĬ PsPrPSC-C”C— PiPμCĤPsCĤP°P»CHPSPsC— PrPsP·Pē P°CĤPēPiC-PiCĤP°P·PsP»C†
PiCĤPēP±P»PēP·PSPs 27 % PIPēPIPsPrPēC,CHC†CĬ C-P· C†PμC†PμCĤ C,P°
PiCĤPēP±P»PēP·PSPs 60 % C-P· PeP°P»PsPj. PĤPμPSC€Pμ 1 % P°CĤPēPiC-PiCĤP°P·PsP»C† PI
PSPμP·PjC-PSPμPSPsPjC† PIPēPiP»CĬPrC- PIPēPIPsPrPēC,CHC†CĬ P· C†PμC†PμCĤ,
PiCĤPēP±P»PēP·PSPs 18 % PiCĤPēPNēPSCĬC,PsC— PrPsP·Pē PI PSPμP·PjC-PSPμPSPsPjC†
PIPēPiP»CĬPrC- PIPēPIPsPrPēC,CHC†CĬ P· PeP°P»PsPj.

P”C-C,Pē

P⌘P°CĤPjP°PePsPeC-PSPμC,PēC†PSC- PIP»P°C†C,PēPIPsC†C,C- P°CĤPēPiC-PiCĤP°P·PsP»C† C,P°
PiC-PrCĤPsP°CĤPēPiC-PiCĤP°P·PsP»C† C† PiP°C†C-C”PSC,C-PI PIC-PePsPj PIC-Pr 10 PrPs 17
CĤPsPeC-PI P±C†P»Pē C†C...PsP¶C- PSP° C,P°PeC- C† PrPsCĤPsC†P»PēC..., CĬPeC%Ps
PICĤP°C...PsPIC†PIP°C,Pē PjP°C†C† C,C-P»P°.

PμP°C†C-C”PSC,Pē PiPsC...PēP»PsPiPs PIC-PeCž

PkPμ PIPēCĬPIP»PμPSPs PIC-PrPjC-PSPSPsC†C,PμPNē C†
C,,P°CĤPjP°PePsPeC-PSPμC,PēC†PSPēC... PIP»P°C†C,PēPIPsC†C,CĬC...
P°CĤPēPiC-PiCĤP°P·PsP»C† PjC-P¶ P·PrPsCĤPsPIPēPjPē PiP°C†C-C”PSC,P°PjPē
PiPsC...PēP»PsPiPs PIC-PeC† C- PrC-C,CHPjPē, PSPμPjP°C” P¶PsPrPSPsPiPs PiPsPjC-C,PSPsPiPs
PIPiP»PēPIC† PIC-PeC† PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PēPeC† C† C...PIPsCĤPēC... PSP°
C€PēP·PsC,,CĤPμPSC-CĤ.

PŸC,P°C,CH

PkPμ PIPēCĬPIP»PμPSPs PIC-PrPjC-PSPSPsC†C,PμPNē C†
C,,P°CĤPjP°PePsPeC-PSPμC,PēC†PSPēC... PIP»P°C†C,PēPIPsC†C,CĬC...
P°CĤPēPiC-PiCĤP°P·PsP»C† PjC-P¶ P·PrPsCĤPsPIPēPjPē PiCĤPμPrC†C,P°PIPSPēPeP°PjPē
P¶C-PSPsC†PsC— C- C†PsP»PsPIC-C†PsC— C†C,P°C,C-, PSPμPjP°C” P¶PsPrPSPsPiPs
PiPsPjC-C,PSPsPiPs PIPiP»PēPIC† C†C,P°C,C- PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PēPeC† C†
C...PIPsCĤPēC... PSP° C€PēP·PsC,,CĤPμPSC-CĤ.

P_лC₂C₇C-PSPSCII

P_лC₂C₇C-PSPeP° PiC₇C₇Pi PiP°C₂C-C''PSC,C-PI PSP_μ PIPeC₇PIPIeP»P° P_лPsPrPSPeC...
PrPsPeP°P·C-PI PeP»C-PSC-C₂PSPs P·PSP°C₂C₇C%P_eC... PSP°C₇P»C-PrPeC-PI PIPiP»P_ePIC₇
PiP°P»C-PSPSCII PSP° C₇,P°C₇PjP°PePsPeC-PSP_μC,P_eC₂PSC- PIP»P°C₇C,P_ePIPsC₇C,C-
P°C₇P_ePiC-PiC₇P°P·PsP»C₇.

P P°C₇P°

P_лC₂C₇C-PSPeP° PiC₇C₇Pi PiP°C₂C-C''PSC,C-PI PSP_μ PIPeC₇PIPIeP»P° P_лPsPrPSPeC...
PrPsPeP°P·C-PI PeP»C-PSC-C₂PSPs P·PSP°C₂C₇C%P_eC... PSP°C₇P»C-PrPeC-PI PIPiP»P_ePIC₇
C₇P°C₇P_e PSP° C₇,P°C₇PjP°PePsPeC-PSP_μC,P_eC₂PSC- PIP»P°C₇C,P_ePIPsC₇C,C-
P°C₇P_ePiC-PiC₇P°P·PsP»C₇.

P_кP_eC₇PePsPIP° PSP_μPrPsC₇C,P°C,PSC-C₇C,CH

P_кP°C₇PjP°PePsPeC-PSP_μC,P_eC₂PSC- C...P°C₇P°PeC,P_μC₇P_eC₇C,P_ePeP_e
P°C₇P_ePiC-PiC₇P°P·PsP»C₇ C,P° PiC-PrC₇PsP°C₇P_ePiC-PiC₇P°P·PsP»C₇ PIPeC₇PIPIeP»P_eC₇C₇
PiPsPrC-P_±PSP_ePjP_e C₇ C...PIPsC₇P_eC... P· PiPsC₇C,C₇PsC₇ C...PIPsC₇PsP_±PsC₇ PSP_eC₇PsPe,
PiPsC₇C-PIPSC₇IPSPs P· PjPsP»PsPrP_ePjP_e P·PrPsC₇PsPIP_ePjP_e PsC₇PsP_±P°PjP_e.

P_μP_μC₂C-PSPePsPIP° PSP_μPrPsC₇C,P°C,PSC-C₇C,CH

P_лP»C-PSC-C₂PSP_μ PrPsC₇P»C-PrP_лPsPSPSCII C₇ PiP°C₂C-C''PSC,C-PI P· C₇C-P·PSP_ePjP_e
C₇C,C₇PiP_μPSC₇IPjP_e C₂P_eC₇PsP·C₇ PiP_μC₂C-PSPeP_e (PeP»P°C₇P_e A, B C,P° C P·P°
PeP»P°C₇P_eC₇,C-PeP°C₂C-C''C₇ P₈P°P_лP»PrP° B₇ P_μB₇TM C₇) PSP_μ PIPeC₇PIPIeP»Ps
P·PSP°C₂PSPsPiPs PIPiP»P_ePIC₇ PiP_μC₂C-PSPePsPIPsC— PSP_μPrPsC₇C,P°C,PSPsC₇C,C- PSP°
C₇,P°C₇PjP°PePsPeC-PSP_μC,P_ePeC₇ P°C₇P_ePiC-PiC₇P°P·PsP»C₇ C,P°
PiC-PrC₇PsP°C₇P_ePiC-PiC₇P°P·PsP»C₇, PsPrPSP°Pe PrPsC₇P»C-PrP_лPsPSPSCII
PiC₇PsPIPsPrP_eP»PsC₇C₇ P»P_eC₇P_μ PSP° 3 PiP°C₂C-C''PSC,P°C... P· C₂P_eC₇PsP·PsPj
PiP_μC₂C-PSPeP_e PeP»P°C₇C₇ P₇, C%Ps PSP_μPrPsC₇C,P°C,PSC₇Ps PrP»C₇
PIP_eC₇PSPsPIPeC-PI.

P_лP»C-PSC-C₂PSC- C...P°C₇P°PeC,P_μC₇P_eC₇C,P_ePeP_e.

P_μPsPeP°P·P°PSPSCII.

P>C-PeC₇PIP°PSPSCII C₇PeP·PsC₇,C₇P_μPSC-C— C₇ PrPsC₇PsC₇P»P_eC....

P>C-PeC₇PIP°PSPSCII PjP°PSC-P°PeP°P»CH₇PSP_eC... P_μPiC-P·PsPrC-PI C₇P_μC₇P_μPrPSC₇PsPiPs
C,P° C,C₇P_лPePsPiPs C₇C,C₇PiP_μPSC₇ PiC₇P_e P_±C-PiPsP»C₇C₇PSPsPjC₇ C₇PsP·P»P°PrC-
I C,P_ePiC₇, P° C,P°PePsP_л PrP»C₇ PiC₇PsC₇,C-P»P°PeC,P_ePeP_e C₇PsP·PIP_eC,PeC₇ PSPsPIP_eC...
PjP°PSC-P°PeP°P»CH₇PSP_eC... P_μPiC-P·PsPrC-PI C₇ PrPsC₇PsC₇P»P_eC..., C₇PeC- C₇P°PSC-C₇P_μ
PiP_μC₇P_μPSP_μC₇P»P_e PjP°PSC-P°PeP°P»CH₇PSC- P_μPiC-P·PsPrP_e C,P° C₇PeC-
PIC-PrPiPsPIC-PrP°P»P_e PSP° P»C-PeC₇PIP°PSPSCII P°C₇P_ePiC-PiC₇P°P·PsP»PsPj.

P_μC₇PsC,P_ePiPsPeP°P·P°PSPSCII.

P_μC-PrPIP_eC%P_μPSP° C₂C₇C,P»P_ePIC-C₇C,CH PrPs P°C₇P_ePiC-PiC₇P°P·PsP»C₇ C,P° PrPs

C-PSC€PëC... PePsPjPİPsPSPµPSC,C-PI PİCḡPµPİP°CḡP°C,Cf.

P'P·P°C''PjPsPrC-Cİ P· C-PSC€PëPjPë P»C-PeP°CḡCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PN.

P'PSP°CfP»C-PrPsPe P°PSC,P°PiPsPSC-P·PjCf PrPs α₁-P°PrCḡPµPSPµCḡPiC-C±PSPëC... CḡPµC†PµPİC,PsCḡC-PI P°CḡPëPİC-PİCḡP°P·PsP» PjPsP¶Pµ PİPsCfPëP»CḡPIP°C,Pë PµC,,PµPeC, PrPµCİPePëC... P°PSC,PëPiC-PİPµCḡC,PµPSP·PëPIPSPëC... PİCḡPµPİP°CḡP°C,C-PI.

P— PsPiP»CİPrCf PSP° PsCfPSPsPIPSPëPN PİPİP»PëPI P°CḡPëPİC-PİCḡP°P·PsP»Cf PSP° C†PµPSC,CḡP°P»CHPSCf PSPµCḡPIPSPİCf CfPëCfC,PµPjCf CfP»C-Pr PrPsC,CḡPëPjCfPIP°C,PëCfCİ PsP±PµCḡPµP¶PSPsCfC,C- PİCḡPë PİCḡPëP·PSP°C±PµPSPSC- P°CḡPëPİC-PİCḡP°P·PsP»Cf P· C-PSC€PëPjPë P»C-PeP°CḡCfCHPePëPjPë P·P°CfPsP±P°PjPë, C%Ps PİPİP»PëPIP°CḡC,CH PSP° PİPİP, Cf P·PİPḡ™ CİP·PeCf P· PjPsP¶P»PëPIPëPjPë PİPµCḡPµC...CḡPµCfPSPëPjPë PSPµP±P°P¶P°PSPëPjPë CḡPµP°PeC†C-CİPjPë, C,P°PePëPjPë CİPe CfPµPrP°C,PëPIPSP° PrC-Cİ.

PŷP°PePsP¶ PSPµPsP±C...C-PrPSPs PIC-PrPjPsPIPëC,PëCfCH PIC-Pr PIP¶PëPIP°PSPSCİ P°P»PePsPiPsP»Cḡ PİC-Pr C†P°Cf C,PµCḡP°PİC-C— P°CḡPëPİC-PİCḡP°P·PsP»PsPj. PŷP»C-Pr P· PsP±PµCḡPµP¶PSC-CfC,Cḡ P·P°CfC,PsCfPsPICfPIP°C,Pë P°CḡPëPİC-PİCḡP°P·PsP» Cf PİPsC''PrPSP°PSPSC- P· C-PSC€PëPjPë P»C-PeP°CḡCfCHPePëPjPë P·P°CfPsP±P°PjPë, CİPeC- PİPsPrPsPIP¶CfCḡC,CH C-PSC,PµCḡPIP°P» QT P°P±Ps PİPsCḡCfC€CfCḡC,CH PµP»PµPeC,CḡPsP»C-C,PSPëPN P±P°P»P°PSCf.

PµPsC,PµPSC†C-PN PSPëPN PİPİP»PëPI C-PSC€PëC... P»C-PeP°CḡCfCHPePëC... P·P°CfPsP±C-PI PSP° PrC-Cḡ P°CḡPëPİC-PİCḡP°P·PsP»Cf.

P†PSPİC-P±C-C,PsCḡ CfPµPeCḡPµC†C-C— CfPsP»CİPSPsC— PePëCfP»PsC,Pë, P°PSC,P°PiPsPSC-CfC, H2-PİC-CfC,P°PjC-PSPsPIPëC... CḡPµC†PµPİC,PsCḡC-PI C,,P°PjPsC,PëPrPëPS P·PSPëP¶CfC'' C€PIPëPrPeC-CfC,CH PİCfPjPsPeC,CfPIP°PSPSCİ P°CḡPëPİC-PİCḡP°P·PsP»Cf, P°P»Pµ C†PµPN PµC,,PµPeC, PSPµ PİPİP°P¶P°C,C,CHCfCİ PeP»C-PSC-C±PSPs P·PSP°C†CfC%PëPj.

PḡCḡPëPİC-PİCḡP°P·PsP» PjPµC,P°P±PsP»C-P·CfC''C,CHCfCİ PrPµPeC-P»CHPePsPjP° C€P»CİC...P°PjPë P·P° CfC†P°CfC,Cḡ C,,PµCḡPjPµPSC,C-PI CYP2D6 C- CYP3A4, P°P»Pµ PSPµ C,,PµCḡPjPµPSC,C-PI CYP1A. PŷP°PePëPj C†PëPSPsPj, PeCfCḡC†CİPj PePsCḡPµPİCfPIP°C,Pë PrPsP·Cf PSPµ PİPsC,CḡC-P±PSPs.

PfC-PSC-PrPëPS C,P° C-PSC€C- C-PSPiC-P±C-C,PsCḡPë CYP2D6.

P''PsP·Cf P°CḡPëPİC-PİCḡP°P·PsP»Cf PİPsC,CḡC-P±PSPs P·PSPëP·PëC,Pë PİCḡPëP±P»PëP·PSPs PSP°PİPsP»PsPIPëPSCf Cf CḡP°P·C- PN PsPiPs PsPrPSPsC†P°CfPSPsPiPs PİCḡPëPN PsPjCf P· C...C-PSC-PrPëPSPsPj. P†PSC€C- PİPsC,CfP¶PSC- C-PSPiC-P±C-C,PsCḡPë CYP2D6, C,P°PeC- CİPe C,,P»CfPsPeCfPµC,PëPS C- PİP°CḡPsPeCfPµC,PëPS, C-PjPsPIC-CḡPSPs, C†PëPSCİC,CH P°PSP°P»PsPiC-C†PSPëPN PİPİP»PëPI, C,PsPjCf P·PSPëP¶PµPSPSCİ PrPsP·Pë PI CḡP°P·C- C—C... P·P°CfC,PsCfCfPIP°PSPSCİ PjP°C'' P±CfC,Pë C,P°PePëPj P¶Pµ.

Pj PsCfC-P± P·C- P·PSPëP¶PµPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj CYP2D6 PsPrPSPsC†P°CfPSPëPN PİCḡPëPN PsPj PİPsC,CfP¶PSPëC... C-PSPiC-P±C-C,PsCḡC-PI CYP3A4 PjPsP¶Pµ PİCḡPëPIPµCfC,Pë PrPs PİPsCİPIPë P±C-P»CHC€ PİPëCfPsPePëC... PePsPSC†PµPSC,CḡP°C†C-PN P°CḡPëPİC-PİCḡP°P·PsP»Cf PI PİP»P°P·PjC- PI

PiPsC₇C-PIPSC₁IPSPSC- P· C, P°PePëPjPë Cr PiP°C†C-C" PSC, C-PI P· P°PeC, PëPIPSPëPj
 PjPμC, P°P±PsP»C-P·PjPsPj CYP2D6. PJ C₇P°P·C-
 PSPμPsP±C...C-PrPSPsC†C, C- PsPrPSPsC†P°C†PSPsPiPs P·P°C†C, PsC†C†PIP°PSPSC₁
 PePμC, PsPePsPSP°P·PsP»Cr P°P±Ps C-PSC€PëC... PiPsC, CrP¶PSPëC...
 C-PSPiC-P±C-C, PsC₇C-PI CYP3A4 P· P°C₇PëPiC-PiC₇P°P·PsP»PsPj
 PiPsC, PμPSC†C-PN₂PSC- PiPμC₇PμPIP°PiPë PiPsPIPëPSPSC-
 PiPμC₇PμPIPëC%CrPIP°C, Pë PjPsP¶P»PëPIC- C₇PëP·PëPePë PrP»C₁
 PiP°C†C-C" PSC, P°. PJ C₇P°P·C- PsPrPSPsC†P°C†PSPsPiPs PIPëPePsC₇PëC†C, P°PSPSC₁
 P°C₇PëPiC-PiC₇P°P·PsP»Cr C, P° PePμC, PsPePsPSP°P·PsP»Cr
 PrPsP·Cr P°C₇PëPiC-PiC₇P°P·PsP»Cr PiPsC, C₇C-P±PSPs P·PSPëP·PëC, Pë
 PiC₇PëP±P»PëP·PSPs PSP°PiPsP»PsPIPëPSCr. P†PSC€C- PiPsC, CrP¶PSC-
 C-PSPiC-P±C-C, PsC₇Pë CYP3A4, C, P°PeC- C₁Pe C-C, C₇P°PePsPSP°P·PsP» C, P°
 C-PSPiC-P±C-C, PsC₇Pë PiC₇PsC, PμP°P·Pë P'P†P, C, PμPsC₇PμC, PëC†PSPs
 PjPsP¶C†C, CH PjP°C, Pë C, P°PeC- P¶ PμC, PμPeC, Pë, PsC, P¶Pμ PiPsC, C₇C-P±PSPs
 P°PSP°P»PsPiC-C†PSPs P·PSPëP¶C†PIP°C, Pë PrPsP·Pë.

PμC-C†P»C₁ PiC₇PëPiPëPSPμPSPSC₁ PiC₇PëPN₂PsPjCr C-PSPiC-P±C-C, PsC₇Cr CYP2D6
 P°P±Ps CYP3A4 PrPsP·Cr P°C₇PëPiC-PiC₇P°P·PsP»Cr PiPsC, C₇C-P±PSPs PiC-PrPIPëC%PëC, Pë
 PrPs C₇C-PIPSC₁, C%Ps P·P°C†C, PsC†PsPICrPIP°PIC†C₁ PrPs PiPsC†P°C, PeCr
 C†C†PiCrC, PSCHPsPiPs P»C-PeCrPIP°PSPSC₁.

PμPsP¶P»PëPIPμ PSPμP·PSP°C†PSPμ PiC-PrPIPëC%PμPSPSC₁ PePsPSC†PμPSC, C₇P°C†C-PN₂
 P°C₇PëPiC-PiC₇P°P·PsP»Cr Cr C₇P°P·C- PsPrPSPsC†P°C†PSPsPiPs PIPëPePsC₇PëC†C, P°PSPSC₁
 C†P»P°P±PePëC... C-PSPiC-P±C-C, PsC₇C-PI CYP3A4 (PSP°PiC₇PëPeP»P°Pr
 PrPëP»C, C-P°P·PμPjCr C†Pë PμC†C†PëC, P°P»PsPiC₇P°PjCr) P°P±Ps CYP2D6.

PμP°C₇P±P°PjP°P·PμPiC-PS C, P° C-PSC€C- C-PSPiC-P±C-C, PsC₇Pë CYP3A4.

PμC₇Pë PePsPjP±C-PSPsPIP°PSPsPjCr P·P°C†C, PsC†C†PIP°PSPSC-
 PeP°C₇P±P°PjP°P·PμPiC-PSCr, PiPsC, CrP¶PSPsPiPs C-PSPrCrPeC, PsC₇P° CYP3A4, C-
 PiPμC₇PsC₇P°P»CHPSPsPiPs P°C₇PëPiC-PiC₇P°P·PsP»Cr PiP°C†C-C" PSC, P°Pj C-P·
 C€PëP·PsC, C₇PμPSC-C" C₇ C- C€PëP·PsP°C, PμPeC, PëPIPSPëPj C₇PsP·P»P°PrPsPj
 PiPμPsPjPμC, C₇PëC†PSC- C_{max} C- AUC P°C₇PëPiC-PiC₇P°P·PsP»Cr P±C†P»Pë PSP° 68 % C- 73 %
 PSPëP¶C†PëPjPë PiPsC₇C-PIPSC₁IPSPs P· PIC-PrPiPsPIC-PrPSPëPjPë PiPsPeP°P·PSPëPeP°PjPë
 PiC₇Pë PjPsPSPsC, PμC₇P°PiC-C— P°C₇PëPiC-PiC₇P°P·PsP»PsPj PI PrPsP·C- 30 PjPi.
 P¶PμC₇PμPrPSC- PiPμPsPjPμC, C₇PëC†PSC- C_{max} C- AUC
 PrPμPiC-PrC₇PsP°C₇PëPiC-PiC₇P°P·PsP»Cr PiC₇Pë PePsPjP±C-PSPsPIP°PSPsPjCr
 P·P°C†C, PsC†C†PIP°PSPSC- P· PeP°C₇P±P°PjP°P·PμPiC-PSPsPj P·PSPëP¶C†PIP°P»PëC†C₁ PSP°
 69 % C- 71 % PiPsC₇C-PIPSC₁IPSPs P· PIC-PrPiPsPIC-PrPSPëPjPë PiPsPeP°P·PSPëPeP°PjPë
 PjPsPSPsC, PμC₇P°PiC-C— P°C₇PëPiC-PiC₇P°P·PsP»PsPj.

P"PsP·Cr P°C₇PëPiC-PiC₇P°P·PsP»Cr PiPsC, C₇C-P±PSPs PiPsPrPIPsC—C, Pë Cr C₇P°P·C-
 PN₂PsPiPs PsPrPSPsC†P°C†PSPsPiPs PiC₇PëPN₂PsPjCr P·
 PeP°C₇P±P°PjP°P·PμPiC-PSPsPj. P†PSC€C- PiPsC, CrP¶PSC- C-PSPrCrPeC, PsC₇Pë CYP3A4
 (C, P°PeC- C₁Pe C₇PëC, P°PjPiC-C†PëPS, C₇PëC, P°P±C†C, PëPS, C, PμPSC-C, PsC—PS,
 C, PμPSPsP±P°C₇P±C-C, P°P», PiC₇PëPjC-PrPsPS, PμC, P°PIC-C₇PμPSP, PSPμPIC-C₇P°PiC-PS
 C- P·PIC-C₇PsP±C-PN₂ P·PIPëC†P°PN₂PSPëPN₂) C, PμPsC₇PμC, PëC†PSPs PjP°C†C, CH
 P°PSP°P»PsPiC-C†PSPëPN₂ PIPiP»PëPI, C, PsPjCr PSPμPsP±C...C-PrPSPμ PIC-PrPiPsPIC-PrPSPμ
 PiC-PrPIPëC%PμPSPSC₁ PrPsP·Pë P°C₇PëPiC-PiC₇P°P·PsP»Cr. PμC-C†P»C₁
 PiC₇PëPiPëPSPμPSPSC₁ PiC₇PëPN₂PsPjCr PiPsC, CrP¶PSPëC... C-PSPrCrPeC, PsC₇C-PI CYP3A4

PrPsP·Cf P°CḡPëPîC-PîCḡP°P·PsP»Cf CfP»C-Pr P·PSPëP·PëC,Pë PrPs
CḡPµPePsPjPµPSPPrPsPIP°PSPsC—.

P°P°P»CHPîCḡPsP°C, C,P° P»C-C,C-PNë.

PJ CḡP°P·C- PsPrPSPsC±P°CfPSPsPiPs PîCḡPëPNëPsPjCf PIP°P»CHPîCḡPsP°C,Cf P°P±Ps
P»C-C,C-Cḡ P· P°CḡPëPîC-PîCḡP°P·PsP»PsPj PSPµ P±CfP»Ps PIC-PrPjC-C±PµPSPs
PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëC... P·PjC-PS PePsPSC±PµPSC,CḡP°C±C-C—
P°CḡPëPîC-PîCḡP°P·PsP»Cf, C,PsPjCf PePsCḡPµPeC±C-Cḡ PrPsP·Pë PSPµ PîPsC,CḡC-P±PSP°.

PŸPµCḡPsC,PsPSC-PSPsPIPëPNë CfPëPSPPrCḡPsPj.

PJ PîP°C±C-C°PSC,C-PI, CḡPeC- PîCḡPëPNëPjP°P»Pë P°CḡPëPîC-PîCḡP°P·PsP»,
CfPîPsCfC,PµCḡC-PîP°P»PëCfCḡ PIPëPîP°PrPePë CfPµCḡPsC,PsPSC-PSPsPiPs
CfPëPSPPrCḡPsPjCf; PsCfPsP±P»PëPiPs Cf CḡP°P·C- PsPrPSPsC±P°CfPSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCḡ P· C-PSCëPëPjPë CfPµCḡPsC,PsPSC-PSPµCḡPiC-C±PSPëPjPë
PîCḡPµPîP°CḡP°C,P°PjPë, C,P°PePëPjPë CḡPe CfPµP»PµPeC,PëPIPSC- C-PSPiC-P±C-C,PsCḡPë
P·PiPsCḡPsC,PsPsiPs P·P°C...PsPîP»PµPSPSCḡ
CfPµCḡPsC,PsPSC-PSCf / CfPµP»PµPeC,PëPIPSC- C-PSPiC-P±C-C,PsCḡPë
P·PiPsCḡPsC,PsPsiPs P·P°C...PsPîP»PµPSPSCḡ
CfPµCḡPsC,PsPSC-PSCf/PSPsCḡP°PrCḡPµPSP°P»C-PSCf, P°P±Ps P· PîCḡPµPîP°CḡP°C,P°PjPë,
CḡPeC- PîC-PrPIPëC%CfCḡC,CH PePsPSC±PµPSC,CḡP°C±C-Cḡ P°CḡPëPîC-PîCḡP°P·PsP»Cf.

PµPsC,PµPSC±C-PNëPSPëPNë PIPîP»PëPI P°CḡPëPîC-PîCḡP°P·PsP»Cf PSP° PrC-Cḡ C-PSCëPëC...
P»C-PeP°CḡCfCHPePëC... P·P°CfPsP±C-PI.

PḡP°P»PsPNëPjPsPIC-CḡPSPs, C%Ps P°CḡPëPîC-PîCḡP°P·PsP» P·PrP°C,PSPëPNë
PIPëPeP»PëPeP°C,Pë PeP»C-PSC-C±PSPs PIP°P¶P»PëPIC- P»C-PeP°CḡCfCHPeC-
PIP·P°C°PjPsPrC-C—, PsPîPsCfPµCḡPµPrPePsPIP°PSC- C,,PµCḡPjPµPSC,P°PjPë CYP2D6
(CfPîC-PIPIC-PrPSPsCëPµPSPSCḡ PrPµPeCfC,CḡPsPjPµC,PsCḡC,,P°PS/3-
PjPµC,PsPeCfPëPjPsCḡC,,C-PS), CYP2C9 (PIP°CḡC,,P°CḡPëPS), CYP2C19 (PsPjPµPîCḡP°P·PsP»)
C- CYP3A4 (PrPµPeCfC,CḡPsPjPµC,PsCḡC,,P°PS).

PJ CḡP°P·C- PsPrPSPsC±P°CfPSPsPiPs PîCḡPëPNëPsPjCf P°CḡPëPîC-PîCḡP°P·PsP»Cf P·
PIP°P»CHPîCḡPsP°C,P°PjPë, P»C-C,C-C°Pj P°P±Ps P»P°PjPsC,CḡPëPrP¶PëPSPsPj PSPµ P±CfP»Ps
PIC-PrPjC-C±PµPSPs PeP»C-PSC-C±PSPs P·PSP°C±CfC%PëC... P·PjC-PS
PePsPSC±PµPSC,CḡP°C±C-PNë PIP°P»CHPîCḡPsP°C,Cf, P»C-C,C-Cḡ P°P±Ps
P»P°PjPsC,CḡPëPrP¶PëPSCf.

PḡCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfC±PIP°PSPSCḡ.

PµCḡPë P»C-PeCfPIP°PSPSC- PSPµPNëCḡPsP»PµPîC,PëPeP°PjPë PîPsP»C-PîCëPµPSPSCḡ
PeP»C-PSC-C±PSPsPiPs CfC,P°PSCf PîP°C±C-C°PSC,P° PjPsP¶Pµ P·P°PNëPSCḡC,Pë PIC-Pr
PrPµPeC-P»CHPePsC... PrPSC-PI PrPs PrPµPeC-P»CHPePsC... C,PëP¶PSC-PI. PJ C±PµPNë
PîPµCḡC-PsPr CfP»C-Pr PIPµCfC,Pë CḡPµC,PµP»CHPSPëPNë PSP°PiP»CḡPr P·P° CfC,P°PSPsPj
PîP°C±C-C°PSC,C-PI.

PŸC...PëP»CHPSC-CfC,CH PrPs CfCfC—C±PëPrCf: CfCfC—C±PëPrP°P»CHPSP°
PîPsPiPµPrC-PSPeP° PîCḡPëC,P°PjP°PSPSP° PîP°C±C-C°PSC,P°Pj P· PîCfPëC...PsC,PëC±PSPëPjPë
P·P°C...PiPsCḡCHPIP°PSPSCḡPjPë PNë P°C,,PµPeC,PëPIPSPëPjPë CḡPsP·P»P°PrP°PjPë C- PI
PrPµCḡPePëC... PIPëPîP°PrPeP°C... CfPîPsCfC,PµCḡC-PîP°P»P°CfCḡ

PSPμPIPrPsPIP·C- PīC-CīP»Cī PīPsC±P°C,PeCí P·P°CíC,PsCíCíPIP°PSPSCī
PSPμPNēCīPsP»PμPīC,PēPeC-PI P°P±Ps PīPμCīPμC...PsPrCí P· PsPrPSPsPiPs
PSPμPNēCīPsP»PμPīC,PēPeP° PSP° C-PSCēPēPNē PSPμPNēCīPsP»PμPīC,PēPe,
PIPeP»CīC±P°CīC±Pē P»C-PeCíPIP°PSPSCī P°CīPēPīC-PīCīP°P·PsP»PsPj.
P>C-PeCíPIP°PSPSCī PSPμPNēCīPsP»PμPīC,PēPeP°PjPē PīPsPIPēPSPSPs
CíCíPīCīPsPIPsPrP¶CíPIP°C,PēCíCī CīPμC,PμP»CHPSPēPj PSP°PiP»CīPrPsPj P·P°
PīP°C†C-C''PSC,P°PjPē, CīPeC- PSP°P»PμP¶P°C,CH PrPs PīCīCíPīPē PīC-PrPIPēC%PμPSPsPiPs
CīPēP·PēPeCí.

PŸPμCīC†PμPIPs-CíCíPrPēPSPSC- CīPsP·P»P°PrPē: P°CīPēPīC-PīCīP°P·PsP» CīP»C-Pr P·
PsP±PμCīPμP¶PSC-CíC,Cī P·P°CíC,PsCíPsPICíPIP°C,Pē PīP°C†C-C''PSC,P°Pj, PI
P°PSP°PjPSPμP·C- CīPePēC... PSP°CīPIPSC- CíPμCīC†PμPIPs-CíCíPrPēPSPSC-
P·P°C...PIPsCīCīPIP°PSPSCī (C-PSC,,P°CīPeC, PjC-PsPeP°CīPrP° P°P±Ps C-CēPμPjC-C±PSP°
C...PIPsCīPsP±P° CíPμCīC†Cī, CíPμCīC†PμPIP° PSPμPrPsCíC,P°C,PSC-CíC,CH P°P±Ps
PīPsCīCíCēPμPSPSCī PīCīPsPIC-PrPSPsCíC,C-), C†PμCīPμP±CīPsPIP°CíPeCíP»CīCīPSC-
PīPsCīCíCēPμPSPSCī, CíC,P°PSPē, C%Ps P·CíPjPsPIP»CīCīC,CH CíC...PēP»CHPSC-CíC,CH
PīP°C†C-C''PSC,C-PI PrPs PīC-PīPsC,PμPSP·C-C— (P·PSPμPIPsPrPSPμPSPSCī,
PīC-PīPsPIPsP»PμPjC-Cī, P·P°CíC,PsCíCíPIP°PSPSCī
P°PSC,PēPīC-PīPμCīC,PμPSP·PēPIPSPēC... P»C-PeP°CīCīCHPePēC... P·P°CíPsP±C-PI) P°P±Ps
PīC-PīPμCīC,PμPSP·C-C—, PIPeP»CīC±P°CīC±Pē PīCīPsPīCīPμCíCíCīC±Cí C-
P·P»PsCīPeC-CíPSCí PīC-PīPμCīC,PμPSP·C-Cī.

PμCīPē P»C-PeCíPIP°PSPSC- PSPμPNēCīPsP»PμPīC,PēPeP°PjPē
CíPīPsCíC,PμCīC-PiP°P»PēCíCī PIPēPīP°PrPePē PIPμPSPsP·PSPsC—
C,CīPsPjP±PsPμPjP±PsP»C-C— (P'PŸP·).

PkCíPeC-P»CHPePē Cí PīP°C†C-C''PSC,C-PI, CīPeC- PīCīPēPNēPjP°CīC,CH
PSPμPNēCīPsP»PμPīC,PēPePē, C±P°CíC,Ps CíPīPsCíC,PμCīC-PiP°CīC,CHCíCī PSP°P±CíC,C-
C,,P°PeC,PsCīPē CīPēP·PēPeCí P'PŸP·, PrPs C- PīC-Pr C±P°Cí P»C-PeCíPIP°PSPSCī
P°CīPēPīC-PiCīP°P·PsP»PsPj PīPsC,CīC-P±PSPs PIPēCīPIPēC,Pē PICíC- PjPsP¶P»PēPIC-
C,,P°PeC,PsCīPē CīPēP·PēPeCí P'PŸP· C- PIP¶PēC,Pē PICíC-C...
PīCīPsC,,C-P»P°PeC,PēC±PSPēC... P·P°C...PsPrC-PI.

PμPsPrPsPIP¶PμPSPSCī C-PSC,PμCīPIP°P»Cí QT: P°CīPēPīC-PiCīP°P·PsP» CíP»C-Pr P·
PsP±PμCīPμP¶PSC-CíC,Cī P·P°CíC,PsCíPsPICíPIP°C,Pē PīP°C†C-C''PSC,P°Pj, Cí
CíC-PjPμPNēPSPsPjCí P°PSP°PjPSPμP·C- CīPePēC... C'' PIPēPīP°PrPePē PīPsPrPsPIP¶PμPSPSCī
C-PSC,PμCīPIP°P»Cí QT.

PμC-P·PSCī PrPēCíPeC-PSPμP·C-Cī: Cí CīP°P·C- PīPsCīPIPē CíPēPjPīC,PsPjC-PI
PīC-P·PSCīPsC— PrPēCíPeC-PSPμP·C-C— Cí PīP°C†C-C''PSC,P°, C%Ps PīCīPēPNēPjP°C''
P°CīPēPīC-PiCīP°P·PsP», CíP»C-Pr CīPsP·PiP»CīPSCíC,Pē PrPsC†C-P»CHPSC-CíC,CH
P·PSPēP¶PμPSPSCī PrPsP·Pē PīCīPμPīP°CīP°C,Cí P°P±Ps PīCīPēPīPēPSPμPSPSCī
P»C-PeCíPIP°PSPSCī. P—P°P·PSP°C±PμPSC- CíPēPjPīC,PsPjPē PjPsP¶CíC,CH
C,PēPjC±P°CíPsPIPs P·P°PiPsCíC,CīPēC,PēCíCī P°P±Ps PSP°PIC-C,CH PIPēPSPēPePSCíC,Pē
PīC-CíP»Cī PīCīPēPīPēPSPμPSPSCī P»C-PeCíPIP°PSPSCī.

P†PSCēC- PμPeCíC,CīP°PīC-CīP°PjC-PrPSC- CíPēPjPīC,PsPjPē: PīCīPē
P·P°CíC,PsCíCíPIP°PSPSC- P°CīPēPīC-PiCīP°P·PsP»Cí Cí PrC-C,PμPNē
CíPīPsCíC,PμCīC-PiP°P»PēCíCī P°PeP°C,PēP·C-Cī C- PīP°CīPeC-PSCíPsPSC-P·Pj. Pj
CīP°P·C- PīPsCīPIPē PsP·PSP°Pe C-PSCēPēC... PμPeCíC,CīP°PīC-CīP°PjC-PrPSPēC...
CíPēPjPīC,PsPjC-PI CíP»C-Pr CīPsP·PiP»CīPSCíC,Pē PjPsP¶P»PēPIC-CíC,CH
P·PSPēP¶PμPSPSCī PrPsP·Pē C,P° PIPμCíC,Pē CīPμC,PμP»CHPSPēPNē PeP»C-PSC-C±PSPēPNē

PjPsPSC-C,PsCḡPēPSPi CÍC,P°PSCr PīP°C†C-C°PSC,P°.

P—P»PsCḡPeC-CÍPSPēPNē PSPμPNēCḡPsP»PμPīC,PēC†PSPēPNē CÍPēPSPrCḡPsPj
(P—PḡPŸ): P—PḡPŸ CḡPIP»CḡC° CÍPsP±PsCḡ PePsPjPīP»PμPeCÍ CÍPēPjPīC,PsPjC-PI,
PīPsPIBḡ™ CḡP·P°PSPēPNē C-P· P·P°CÍC,PsCÍC†PIP°PSPSCḡPj P»C-PeP°CḡCÍCHPePēC...
P·P°CÍPsP±C-PI-PSPμPNēCḡPsP»PμPīC,PēPeC-PI, CḡPePēPNē PjPsPḡPμ PjP°C,Pē
P»PμC,P°P»CHbPSPēPNē PSP°CÍP»C-PrPsPe.

PḡP»C-PSC-C†PSPēPjPē PīCḡPsCḡPIP°PjPē P—PḡPŸ C° PīC-PīPμCḡPīC-CḡPμPeCÍC-Cḡ
(PIPeCḡP°PNē PIPēCÍPsPeP° C,PμPjPīPμCḡP°C,C†CḡP° C,C-P»P°), PjBḡ™ CḡP·PsPIP°
CḡPēPīC-PrPSC-CÍC,CH, P·PjC-PSPμPSPēPNē PīCÍPēC...C-C†PSPēPNē CÍC,P°C,C†CÍ C-
PsP·PSP°PePē CḡPsP·P»P°PrC† PIPμPīPμC,P°C,PēPIPSpSC— PSPμCḡPIPsPIPsC— CÍPēCÍC,PμPjPē
(PSPμCÍC,P°P±C-P»CHbPSPēPNē PīC†P»CHbCÍ P°P±Ps PeCḡPsPIBḡ™ CḡPSPēPNē C,PēCÍPe,
C,P°C...C-PeP°CḡPrC-Cḡ, PīPsCÍPēP»PμPSPμ PīPsC,PsPIPēPrC-P»PμPSPSCḡ C-
CÍPμCḡC†PμPIP° P°CḡPēC,PjC-Cḡ). P°PsPrP°C,PePsPIC- PsP·PSP°PePē PjPsPḡC†C,CH
PIPeP»CHC†P°C,Pē PīC-PrPIPēC°PμPSPSCḡ CḡC-PIPSḡC PeCḡPμP°C,PēPSPeC-PSP°P·Pē,
PjC-PsPīP»PsP±C-PSC†CḡC-Cḡ (CḡP°P±PrPsPjC-PsP»C-P·) C- PīPsCÍC,CḡC† PSPēCḡPePsPIC†
PSPμPrPsCÍC,P°C,PSC-CÍC,CH. PμCḡPsC,Pμ CÍPīPsCÍC,PμCḡC-PiP°P»PēCÍCḡ PNē
PsPeCḡPμPjC- PIPēPīP°PrPePē PīC-PrPIPēC°PμPSPSCḡ CḡC-PIPSḡC
PeCḡPμP°C,PēPSPeC-PSP°P·Pē C- CḡP°P±PrPsPjC-PsP»C-P·C†, PSPμ PīPsPIBḡ™ CḡP·P°PSC- P·C-
P—PḡPŸ. Pj CḡP°P·C- PīPsCḡPIPē C† PīP°C†C-C°PSC,P° CÍPēPjPīC,PsPjC-PI P—PḡPŸ
P°P±Ps PrC†PḡPμ PIPēCÍPsPePsC— C,PμPjPīPμCḡP°C,C†CḡPē C,C-P»P° P·
PSPμP·Bḡ™ CḡCÍPsPIP°PSPsC— PīCḡPēC†PēPSPē P±PμP· PrPsPrP°C,PePsPIPēC...
PeP»C-PSC-C†PSPēC... PīCḡPsCḡPIC-PI P—PḡPŸ PīCḡPēPNēPsPj C†CÍC-C...
PSPμPNēCḡPsP»PμPīC,PēC†PSPēC... P»C-PeP°CḡCÍCHPePēC... P·P°CÍPsP±C-PI, C† C,PsPjC†
C†PēCÍP»C- P°CḡPēPīC-PīCḡP°P·PsP»C†, PSPμPsP±C...C-PrPSPs PīCḡPēPīPēPSPēC,Pē.

P·PīC-P»PμPīC,PēC†PSC- PSP°PīP°PrPē: CÍPīPsCÍC,PμCḡC-PiP°P»PēCÍCḡ PSPμC†P°CÍC,C-
PIPēPīP°PrPePē PμPīC-P»PμPīC,PēC†PSPēC... PSP°PīP°PrC-PI PīCḡPē P»C-PeC†PIP°PSPSC-
P°CḡPēPīC-PīCḡP°P·PsP»PsPj. PŸPsPjC† P°CḡPēPīC-PīCḡP°P·PsP» CÍP»C-Pr P·
PsP±PμCḡPμPḡPSC-CÍC,Cḡ P·P°CÍC,PsCÍPsPIC†PIP°C,Pē PīP°C†C-C°PSC,P°Pj P·
PμPīC-P»PμPīCÍC-C°Cḡ PI P°PSP°PjPSPμP·C- P°P±Ps PSP°CḡPIPSC-CÍC,Cḡ CÍC,P°PSC-PI,
PīPsPIBḡ™ CḡP·P°PSPēC... P· PμPīC-P»PμPīC,PēC†PSPēPjPē PSP°PīP°PrP°PjPē.

PμP°C†C-C°PSC,Pē P»C-C,PSCHbPsPiPs PIC-PeC† C-P· PīCÍPēC...PsP·PsPj PSP° C,P»C-
PrPμPjPμPSC†C-C—.

PμC-PrPIPēC°PμPSP° CÍPjPμCḡC,PSC-CÍC,CH: PīCḡPē P·P°CÍC,PsCÍC†PIP°PSPSC-
P°CḡPēPīC-PīCḡP°P·PsP»C† PI PīP°C†C-C°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeC†
C-P· PīCÍPēC...PsP·PsPj PSP° C,P»C- C...PIPsCḡPsP±Pē PḡP»CHbC†PiPμPNēPjPμCḡP° CḡPēP·PēPe
P»PμC,P°P»CHbPSPsPiPs PSP°CÍP»C-PrPeC† PīC-PrPIPēC°PμPSPēPNē. P†PsC†P°
PīCḡPēC†PēPSPē P»PμC,P°P»CHbPSPēC... PSP°CÍP»C-PrPeC-PI P±C†P»Pē CḡC-P·PSPēPjPē,
P±C-P»CHbC†C-CÍC,CH C-P· PSPēC... PjP°P»P° CÍPμCḡC†PμPIPs-C†C†PrPēPSPSC†
(PSP°PīCḡPēPeP»P°Pr, CÍPμCḡC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH, CḡP°PīC,PsPIP°
CÍPjPμCḡC,CH) P°P±Ps C-PSC,,PμPeC†C-PNēPSC† (PSP°PīCḡPēPeP»P°Pr, PīPSPμPIPjPsPSC-Cḡ)
PīCḡPēCḡPsPrC†.

PḡPμP±P°PḡP°PSC- CḡPμP°PeC†C-C— C†PμCḡPμP±CḡPsPIP°CÍPeC†P»CḡCḡPSPsPiPs
C...P°CḡP°PeC,PμCḡC†: C† PīP°C†C-C°PSC,C-PI PīPsC...PēP»PsPiPs PIC-PeC† C-P·
PīCÍPēC...PsP·PsPj PSP° C,P»C- C...PIPsCḡPsP±Pē PḡP»CHbC†PiPμPNēPjPμCḡP°
CÍPīPsCÍC,PμCḡC-PiP°P»PēCÍCḡ PSPμP±P°PḡP°PSC- CḡPμP°PeC†C-C—
C†PμCḡPμP±CḡPsPIP°CÍPeC†P»CḡCḡPSPsPiPs C,PēPīC† (PSP°PīCḡPēPeP»P°Pr

C-PSCÍCfP»CHC,, C,CḡP°PSP·PëC,PsCḡPSP° C-C€PμPjC-C‡PSP° P°C,P°PeP°), Cḡ C,PsPjCḡ C‡PëCÍP»C- P· P»PμC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj.

P'CḡPI PIC-PrP·PSP°C‡PμPSPëPNë PIPëCḡP°P¶PμPSPëPNë P·PIBḡ™ CḡP·PsPe PjC-P¶ PrPsP·P°PjPë PİCḡPμPİP°CḡP°C,Cḡ C- PİPsCḡPİPsCḡ PSPμP±P°P¶P°PSPëC... CḡPμP°PeC†C-PNë C†PμCḡPμP±CḡPSPİP°CÍPeCḡP»CḡCḡPSPsPiPs C,PëPİCḡ Pİ PİP°C†C-C"PSC,C-PI, CḡPeC- PİCḡPëPNëPjP°P»Pë P°CḡPëPİC-PİCḡP°P·PsP».

PḡCḡPëPİC-PİCḡP°P·PsP» PSPμ PİPsPeP°P·P°PSPëPNë PrP»Cḡ P»C-PeCḡPİP°PSPSCḡ PİCÍPëC...PsP·Cḡ PSP° C,P»C- PrPμPjPμPSC†C-C—.

P"C-PİPμCḡPİP»C-PePμPjC-Cḡ C- C†CḡPeCḡPsPİPëPNë

PrC-P°P±PμC,: PİC-PİPμCḡPİP»C-PePμPjC-Cḡ, Cḡ PrPμCḡPePëC... PIPëPİP°PrPeP°C... PSP°PrP·PIPëC‡P°PNëPSPs C,CḡP¶PeP° C- PİPsPIBḡ™ CḡP·P°PSP° P· PePμC,PsP°C†PëPrPsP·PsPj P°P±Ps PİC-PİPμCḡPsCÍPjPsP»CḡCḡPSPsCḡ PePsPjPsCḡ, Cḡ C,, C‡. P· P»PμC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj, P±CḡP»P° PIC-PrP·PSP°C‡PμPSP° Cḡ PİP°C†C-C"PSC,C-PI, CḡPeC- PİCḡPëPNëPjP°P»Pë P°C,PëPİPsPIC- PSPμPNëCḡPsP»PμPİC,PëPePë, Cḡ C,PsPjCḡ C‡PëCÍP»C- P°CḡPëPİC-PİCḡP°P·PsP». PαP°PeC,PsCḡPë CḡPëP·PëPeCḡ C,CḡP¶PePëC... CḡCÍPeP»P°PrPSPμPSCḡ PİPeP»CḡC‡P°CḡC,CH PsP¶PëCḡC-PSPSCḡ C- PSP°CḡPİPSC-CÍC,CH PrC-P°P±PμC,Cḡ Pİ CÍC-PjPμPNëPSPsPjCḡ P°PSP°PjPSPμP·C-. P'C-PrCÍCḡC,PSCḡ C,PsC‡PSP° PİPsCḡC-PİPSCḡP»CHPSP° PsC†C-PSPeP° CḡPëP·PëPeC-PI PSPμP±P°P¶P°PSPëC... CḡPμP°PeC†C-PNë, PİPsPIBḡ™ CḡP·P°PSPëC... C-P· PİC-PİPμCḡPİP»C-PePμPjC-C"Cḡ, Cḡ PİP°C†C-C"PSC,C-PI, CḡPeC- PIPëPePsCḡPëCÍC,PsPICḡPİP°P»Pë P°CḡPëPİC-PİCḡP°P·PsP» C,P° C-PSC€C- P°C,PëPİPsPIC- PSPμPNëCḡPsP»PμPİC,PëPePë. PkPμPsP±C...C-PrPSPs CḡPμC,PμP»CHPSPs PSP°PİP»CḡPrP°C,Pë P·P° CÍC,P°PSPsPj PİP°C†C-C"PSC,C-PI, CḡPeC- PİCḡPëPNëPjP°CḡC,CH P±CḡPrCḡ-CḡPeC- PSPμPNëCḡPsP»PμPİC,PëPePë, PİPeP»CḡC‡P°CḡC‡Pë P°CḡPëPİC-PİCḡP°P·PsP», C,,C-PeCÍCḡCḡC‡Pë CÍPëPjPİC,PsPjPë PİC-PİPμCḡPİP»C-PePμPjC-C— (C,P°PeC- CḡPe PİPsP»C-PrPëPİCÍC-Cḡ, PİPsP»C-CḡCḡC-Cḡ, PİPsP»C-C,,P°PİC-Cḡ C- CÍP»P°P±PeC-CÍC,CH), P° CÍC,P°PS PİP°C†C-C"PSC,C-PI C-P· C†CḡPeCḡPsPİPëPj PrC-P°P±PμC,PsPj P°P±Ps C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCḡ CḡPsP·PIPëC,PeCḡ C†CḡPeCḡPsPİPsPiPs PrC-P°P±PμC,Cḡ PİPsC,CḡC-P±PSPs CḡPμPİCḡP»CḡCḡPSPs PePsPSC,CḡPsP»CḡPİP°C,Pë C%oPsPrPs PİC-PrPIPëC%oPμPSPSCḡ CḡC-PİPSCḡ PİP»CḡPePsP·Pë.

P"C-PİPμCḡC‡CḡC,P»PëPIC-CÍC,CH: PİCḡPë PIPëPePsCḡPëCÍC,P°PSPSC-
P°CḡPëPİC-PİCḡP°P·PsP»Cḡ PjPsP¶CḡC,CH CḡPsP·PIPëPİP°C,PëCÍCḡ CḡPμP°PeC†C-C—
PİC-PİPμCḡC‡CḡC,P»PëPİPsCÍC,C-.

P—P±C-P»CHC€PμPSPSCḡ PjP°CÍPë C,C-P»P°: Cḡ PİP°C†C-C"PSC,C-PI C-P· C€PëP·PsC,,CḡPμPSC-C"Cḡ C- P±C-PİPsP»CḡCḡPSPsCḡ PjP°PSC-C"Cḡ C‡P°CÍC,Ps CÍPİPsCÍC,PμCḡC-PİP°C"C,CHCÍCḡ P·P±C-P»CHC€PμPSPSCḡ PjP°CÍPë C,C-P»P° PİPSP°CÍP»C-PrPsPe CÍCḡPİCḡC,PSC-C... P·P°C...PİPsCḡCḡPİP°PSCḡ, P·P°CÍC,PsCÍCḡPİP°PSPSCḡ PSPμPNëCḡPsP»PμPİC,PëPeC-PI, CḡPeC-, CḡPe PIC-PrPsPjPs, PIPëPeP»PëPeP°CḡC,CH P·P±C-P»CHC€PμPSPSCḡ PjP°CÍPë C,C-P»P°, P° C,P°PePsP¶ PSPμP·PrPsCḡPsPİPsPiPs CÍPİPsCÍCḡP±Cḡ P¶PëC,C,Cḡ Bḡ" C†Pμ CḡPİPëC%oPμ PjPsP¶Pμ PİCḡPëP·PIPμCÍC,Pë PrPs CÍPμCḡPNëPsP·PSPëC... CḡCÍPeP»P°PrPSPμPSCḡ. PμCḡPë P»C-PeCḡPİP°PSPSC- P°CḡPëPİC-PİCḡP°P·PsP»PsPj PIPëPİP°PrPePë P·P±C-P»CHC€PμPSPSCḡ PjP°CÍPë C,C-P»P°, CḡPe PİCḡP°PIPëP»Ps, CÍPİPsCÍC,PμCḡC-PİP°P»PëCÍCḡ Cḡ PİP°C†C-C"PSC,C-PI P·C- P·PSP°C‡PSPëPjPë C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCḡ, C,P°PePëPjPë CḡPe PrC-P°P±PμC,, PİPsCḡCḡC€PμPSPSCḡ P· P±PsPeCḡ C%oPëC,PsPİPëPrPSPsC— P·P°P»PsP·Pë P°P±Ps P°PrPμPSPsPjP° PİC-PİPsC,,C-P·P° Pİ P°PSP°PjPSPμP·C-.

PḡCḡPëPİC-PİCḡP°P·PsP» PSPμ CÍPİCḡPëC‡PëPSCḡC" PeP»C-PSC-C‡PSPs P·PSP°C‡PëPjPsPiPs

P·P±C-P»CHC€PμPSPSCΠ PjP°CΓPë C,C-P»P° CΓ PrPsCḡPsCΓP»PëC....

P°PëCΓC„P°PiC-CΠ: PSPμPNëCḡPsP»PμPiC,PëPePë, PIPeP»CḡC±P°CḡC±Pë
P°CḡPëPiC-PiCḡP°P·PsP», PjPsP¶CΓC,CH CΓPiCḡPëC±PëPSCΠC,Pë PiPsCḡCΓC€PμPSPSCΠ
PjPsC,PsCḡPëPePë CΓC,CḡP°PIPsC...PsPrCΓ C- P°CΓPiC-CḡP°C±C-Cḡ PIPjC-CΓC,CΓ
C€P»CΓPSPeP°. PhCḡPëPiC-PiCḡP°P·PsP» C,P° C-PSC€C- PSPμPNëCḡPsP»PμPiC,PëPePë CΓP»C-Pr
P· PsP±PμCḡPμP¶PSC-CΓC,Cḡ P·P°CΓC,PsCΓPsPICΓPIP°C,Pë PiP°C±C-C°PSC,P°Pj C-P·
PiC-PrPIPëC%PμPSPëPj CḡPëP·PëPePsPj P°CΓPiC-CḡP°C±C-PNëPSPsC— PiPSPμPIPjPsPSC-C—.

PμP°C,PsP»PsPiC-C±PSP° CΓC...PëP»CHBPSC-CΓC,CH PrPs P°P·P°CḡC,PSPëC... C-PiPsCḡ C,P°
C-PSC€C- PiPsCḡCΓC€PμPSPSCΠ PePsPSC,CḡPsP»Cḡ C-PjPiCΓP»CHCΓPSPsC—
PiPsPIPμPrC-PSPePë: PiP°C±C-C°PSC,Pë PjPsP¶CΓC,CH PIC-PrC±CΓPIP°C,Pë
PiC-PrPIPëC%PμPSPëPNë PiPsC,CΠPi PrPs P°P·P°CḡC,PSPëC... C-PiPsCḡ C,P°
PSPμPjPsP¶P»PëPIC-CΓC,CH PePsPSC,CḡPsP»CḡPIP°C,Pë C±PμPNë PiPsC,CΠPi PiC-Pr C±P°CΓ
PiCḡPëPNëPsPjCΓ P°CḡPëPiC-PiCḡP°P·PsP»CΓ. PÿP°PePsP¶ PIC-PrPsPjPs PiCḡPs
PiPsCΓPëP»PμPSPSCΠ CΓPμPeCΓCΓP°P»CHBPSPsPiPs PiPsC,CΠPiCΓ, PePsPjPiCΓP»CHCΓPëPIPSC-
PiPsPeCΓPiPePë, P·P°PiPsC— P°P±Ps PiPμCḡPμC—PrP°PSPSCΠ C,P° C-PSC€C-
C-PjPiCΓP»CHCΓPëPIPSC- C- PePsPjPiCΓP»CHCΓPëPIPSC- CΓPiPsCΓPsP±Pë
PiPsPIPμPrC-PSPePë. PμC-Pr C±P°CΓ P»C-PeCΓPIP°PSPSCΠ P°CḡPëPiC-PiCḡP°P·PsP»PsPj
P»C-PeP°CḡCΠPj PIP°P¶P»PëIPs P·P°PiPëC,P°C,Pë PiP°C±C-C°PSC,C-PI P°P±Ps C—C...PSC-C...
PrPsPiP»CΠPrP°C±C-PI PiCḡPs CḡPsP·PIPëC,PsPe PSPsPIPëC... P°P±Ps PiPsCΓPëP»PμPSPSCΠ
PSP°CΠIPSPëC... PiPsC,CΠPiC-PI: PiPsC,CΠPiCΓ PrPs P°P·P°CḡC,PSPëC... C-PiPsCḡ,
CΓPμPeCΓCΓP°P»CHBPSPsPiPs PiPsC,CΠPiCΓ, PePsPjPiCΓP»CHCΓPëPIPSPëC... PiPsPeCΓPiPsPe,
P·P°PiPsC—PI C±Pë PiPμCḡPμC—PrP°PSPSCΠ C,PsC%Ps. PÿPëPjPiC,PsPjPë CḡPsP·P»P°PrCΓ
C-PjPiCΓP»CHCΓPSPsPiPs PePsPSC,CḡPsP»Cḡ PjPsP¶CΓC,CH P±CΓC,Pë PiPsPiBḡ™ CΠP·P°PSC-
P· PsCΓPSPsPIPSPëPj CḡPsP·P»P°PrPsPj; PsPrPSP°Pe CΓ PrPμCΠPePëC... PIPëPiP°PrPeP°C...
PIPeP°P·P°PSC- PiPsCḡCΓC€PμPSPSCΠ P·PSPëPeP°P»Pë PiCḡPë P·PjPμPSC€PμPSPSC- PrPsP·Pë
P°P±Ps PiCḡPëPiPëPSPμPSPSC- PiCḡPëPNëPsPjCΓ P»C-PeC-PI. PμPsCḡCΓC€PμPSPSCΠ
C-PjPiCΓP»CHCΓPSPsPiPs PePsPSC,CḡPsP»Cḡ PjPsP¶CΓC,CH P·P°PIPrP°C,Pë C€PePsPrPë
PiP°C±C-C°PSC,CΓ C,P° C-PSC€PëPj, CΠPeC%Ps C—C... PSPμ CḡPsP·PiC-P·PSP°C,Pë. PÿP»C-Pr
CḡPsP·PiP»CΠPSCΓC,Pë PiPëC,P°PSPSCΠ PiCḡPs P·PjPμPSC€PμPSPSCΠ PrPsP·Pë P°P±Ps
PiCḡPëPiPëPSPμPSPSCΠ PiCḡPëPNëPsPjCΓ P»C-PeC-PI, CΠPeC%Ps CΓ PiP°C±C-C°PSC,P°
PIPëPSPëPeP°CḡC,CH C,P°PeC- CḡPsP·P»P°PrPë PiC-Pr C±P°CΓ PiCḡPëPNëPsPjCΓ
P°CḡPëPiC-PiCḡP°P·PsP»CΓ (PrPëPI. B«PμPsP±C-C±PSC- CḡPμP°PeC±C-C—B»).

PμP°PrC-PSPSCΠ: P°CḡPëPiC-PiCḡP°P·PsP» PjPsP¶Pμ CΓPiCḡPëC±PëPSCΠC,Pë
CΓPsPSP»PëPIC-CΓC,CH, PiPsCΓC,CΓCḡP°P»CHBPSCΓ PiC-PiPsC,PμPSP·C-Cḡ, CḡCΓC...PsPICΓ
C,P° CΓPμPSCΓPsCḡPSCΓ PSPμCΓC,P°P±C-P»CHBPSC-CΓC,CH, C%Ps PjPsP¶Pμ
PiCḡPëP·PIPμCΓC,Pë PrPs PiP°PrC-PSCḡ. PÿP»C-Pr P±CΓC,Pë PsP±PμCḡPμP¶PSPëPjPë PiCḡPë
P»C-PeCΓPIP°PSPSC- PiP°C±C-C°PSC,C-PI C-P· PiC-PrPIPëC%PμPSPëPj CḡPëP·PëPePsPj
(PSP°PiCḡPëPeP»P°Pr, PiP°C±C-C°PSC,C-PI PiPsC...PëP»PsPiPs PIC-PeCΓ P°P±Ps
PsCΓP»P°P±P»PμPSPëC... PiP°C±C-C°PSC,C-PI), PiCḡPëP·PSP°C±P°CḡC±Pë PjPμPSC€CΓ
PiPsC±P°C,PePsPICΓ PrPsP·CΓ (PrPëPI. B«PÿPiPsCΓC-P± P·P°CΓC,PsCΓCΓPIP°PSPSCΠ C,P°
PrPsP·PëB»).

P>P°PeC,PsP·P°: P>C-PeP°CḡCΓCHPePëPNë P·P°CΓC-P± PhCḡC-P»PμPSC,P°P» PjC-CΓC,PëC,CH
P»P°PeC,PsP·CΓ. PμP°C±C-C°PSC,P°Pj C-P· CḡC-PrPeC-CΓPSPëPjPë CΓPiP°PrPePsPIPëPjPë
PiPsCḡCΓC€PμPSPSCΠPjPë, C,P°PePëPjPë CΠPe PSPμPiPμCḡPμPSPsCΓPëPjC-CΓC,CH
PiP°P»P°PeC,PsP·Pë, PrPμC„C-C±PëC, P»P°PeC,P°P·Pë P°P±Ps PiPsCḡCΓC€PμPSPSCΠ
PICΓPjPsPeC,CΓPIP°PSPSCΠ PiP»CḡPePsP·Pë-PiP°P»P°PeC,PsP·Pë, PSPμ CΓP»C-Pr
PiCḡPëPNëPjP°C,Pë C±PμPNë P»C-PeP°CḡCΓCHPePëPNë P·P°CΓC-P±.

РμР°С†С-С"РSC,Рө С-Р· С†С†Р†С†С,РSC-Рј Р·Р°С...РІРsСҢСҢРІР°РSPSCІРј РҮР"РЈР"
(С†РөРSPРСҢРsРј РРμС,,С-С†РөС,С† С†РІР°Р†Рө С- РІС-Р†РμСҢР°РөС,РөРІРSPsС†С,С-):
 РSPμР·РІР°Р°Р°Р°СҢРө РSP° РІРөС†РsРөС† С†Р°С†С,РsС,С† С†С†Р†С†С,РSC-С...
 Р·Р°С...РІРsСҢСҢРІР°РSCH Р±С-Р†РsР»СІСҢРSPsР†Рs СҢРsР·Р»Р°Р†С† С,РөР†С† І С- РҮР"РЈР",
 РР°РSC- Р· Р±РμР·Р†РμРөРө РsРРSPsС†Р°С†РSPsР†Рs Р·Р°С†С,РsС†С†РІР°РSPSCІ
 Р°СҢРөР†С-Р†СҢР°Р·РsР»С† С- С†С,РөРјС†Р»СІС,РsСҢС-РІ Р†С†Р°Рμ РsР±РјРμРμРμРSC-,
 С,РsРјС† Р†СҢРө РsРРSPsС†Р°С†РSPsРјС† Р†СҢРөР·РSP°С†РμРSPSC- С†РөС... Р·Р°С†РsР±С-РІ
 РSPμРsР±С...С-РРSP° РSP°РРР·РІРөС†Р°Р№РSP° РsР±РμСҢРμРμРSC-С†С,СҢ.

*Р—Р°С†С,РsС†С†РІР°РSPSCІ С† Р†РμСҢС-РsРР РІР°С-С,РSPsС†С,С- Р°Р±Рs
 Р†РsР†С†РІР°РSPSCІ Р†СҢС†Р†РРСҢ.*

Р°Р°РІС-С,РSC-С†С,СҢ

РҗРРμРөРІР°С,РSPөС... С- РРsР±СҢРμ РөРsРSC,СҢРsР»СҢРsРІР°РSPөС...
 РРsС†Р»С-РРРμРμРSCҢ Р· С†С†Р°С†С,СҢ РІР°С-С,РSPөС... РІС-РSPsРө РSPμ
 Р†СҢРsРІРsРРөР»Рө.

РμРsРІС-РРsРјР»СІР»Рө Р†СҢРs РІСҢРsРРμРμРSC- Р°РSPsРјР°Р»С-С—, Р†СҢРsС,РμВ
 Р†СҢРөС†РөРSPSPs-РSP°С†Р»С-РРРөРsРІРsР†Рs Р·РІБҢ™ СІР·РөС† Р· Р†СҢРөР№РsРјРsРј
 Р°СҢРөР†С-Р†СҢР°Р·РsР»С† РІС†С,Р°РSPsРІР»РμРSPs РSPμ Р±С†Р»Рs. Р°С-РРsРјС- РР°РSC-
 РРsС†Р»С-РРРμРμРSCҢ РSP° С,РІР°СҢРөРSP°С... РSPμ РР°СҢС,СҢ Р·РјРsР†Рө
 РІРөРөР»СҢС†РөС,Рө РјРsРμР»Р»РөРІС-С†С,СҢ РSPμРІР°С,РөРІРSPsР†Рs РІРөР»РөРІС† РSP°
 РІРSC†С,СҢС-СөРSCҢРsС†С,СҢРsР±РSPөР№ СҢРsР·РІРөС,РsРө. РμР°С†С-С"РSC,Р°Рј С†Р»С-РР
 Р†РsРІС-РРsРјР»СІС,Рө Р»С-РөР°СҢСІ Р†СҢРs РSP°С†С,Р°РSPSCІ РІР°С-С,РSPsС†С,С-
 Р°Р±Рs РSP°РјС-СҢ Р·Р°РІР°РІС-С,РSC-С,Рө РІС-РР С†Р°С† Р»С-РөС†РІР°РSPSCІ
 Р°СҢРөР†С-Р†СҢР°Р·РsР»РsРј. Рј Р·РІБҢ™ СІР·РөС† Р· РSPμРРsС†С,Р°С,РSCҢРsСҢ
 С-РSC,,РsСҢРјР°С†С-С"СҢ Р†СҢРs Р±РμР·Р†РμРөС† Р·Р°С†С,РsС†С†РІР°РSPSCІ
 Р°СҢРөР†С-Р†СҢР°Р·РsР»С† С† Р†РμСҢС-РsРР РІР°С-С,РSPsС†С,С- Р†СҢРμР†Р°СҢР°С,
 РјРsРμРμРSP° Р†СҢРөР·РSP°С†Р°С,Рө С,С-Р»СҢРөРө С,РsРРС-, РөРsР»Рө РsС†С-РөС†РІР°РSP°
 РөРsСҢРөС†С,СҢ РР»СІ РІР°С-С,РSPsС— Р†РμСҢРμРІРөС%С†С" Р†РsС,РμРSC†С-Р№РSPөР№
 СҢРөР·РөРө РР»СІ Р†Р»РsРР°.

Рј РSPsРІРsРSP°СҢРsРРμРμРSPөС..., РјР°С,РμСҢС- СІРөРөС... Р†СҢРөР№РјРјР»Р»РөРө
 РSPμР№СҢРsР»РμР†С,РөРөРө (РІРөР»СҢС†РSPs Р· Р°СҢРөР†С-Р†СҢР°Р·РsР»РsРј)
 Р†СҢРsС,СІР†РsРј ІІ С,СҢРөРјРμС†С,СҢС† РІР°С-С,РSPsС†С,С-, РјРsРμР»Р»РөРөРөРө
 РSPμР±Р°Р°Р°РSC- СҢРμР°РөС†С-С— РІРөР»СҢС†РSPs Р·
 РμРөС†С,СҢР°РІС-СҢР°РјС-РРSPөРјРө С†РөРјР†С,РsРјР°РјРө С,Р°Р/Р°Р±Рs С†РөРSPРСҢРsРјРsРј
 РІС-РРјС-РSPө, СІРөС- РјРsРμС†С,СҢ Р±С†С,Рө СҢС-Р·РSPөРјРө Р·Р°С,СІРμРөС-С†С,СҢ С-
 С,СҢРөРІР°Р»С-С†С,СҢ. Р°С-РРsРјРs Р†СҢРs РІРөР†Р°РРөРө Р·Р±С†РРμРμРSPSCІ,
 РІС-Р†РμСҢС,РsРSC-С—, РІС-Р†РsС,РsРSC-С—, С,СҢРμРјРsСҢС†, С†РsРSP»РөРІРsС†С,С-,
 СҢРμС†Р†С-СҢР°С,РsСҢРSPsР†Рs РРөС†С,СҢРμС†С† Р°Р±Рs СҢРsР·Р»Р°Р†С-РІ Р†СҢРө
 Р†РsР†С†РІР°РSPSC-. РҗС,РμРμ, РSPμРsР±С...С-РРSPs СҢРμС,РμР»СҢРSPs
 РSP°Р†Р»СІРР°С,Рө Р·Р°С†С,Р°РSPsРј С,Р°РөРөС... РSPsРІРsРSP°СҢРsРРμРμРSPөС....

РμРμСҢС-РsРР Р†РsР†С†РІР°РSPSCІ Р†СҢС†Р†РРСҢ

РҗСҢРөР†С-Р†СҢР°Р·РsР» Р†СҢРsРSPөРөР°С" С† Р†СҢС†РРSPμ РјРsР»РsРөРs.
 РќРμРsР±С...С-РРSPs Р†СҢРөР№РSCІС,Рө СҢС-СөРμРSPSCІ С%РsРРs
 Р†СҢРөР†РөРSPμРSPSCІ Р†РsР†С†РІР°РSPSCІ Р†СҢС†Р†РРСҢ Р°Р±Рs

РiСҢРёРiРёPSPµPSPSCЦ/СrС,СҢРёРjР°PSPSCЦ PIC-Pr C,РµСҢР°РiС-C—
Р°СҢРёРёРiС-РiСҢР°Р·РsР»РsРj Р· СrСҢР°С...СrPIР°PSPSCЦPj РeРsСҢРёРёСrС,С- РiСҢСrPrPSPsPiPs
PiPsPrСrPIР°PSPSCЦ PrР»СЦ PrРёС,РёPSPё С,Р° РiРµСҢРµPIР°РiРё С,РµСҢР°РiС-C— PrР»СЦ
Р¶C-PSPeРё.

РµРµСҢС,РёР»СҢPSC-СrС,СҢ.

Р—РiС-PrPSPs Р· PrР°PSPёРjРё Р· PrPsСrР»C-PrP¶PµPSPSCЦ СҢРµРiСҢРsPrСrРeС,РёPIPSPsC—
C,РsРeСrРёСҢPSPsСrС,С- Р°СҢРёРёРiС-РiСҢР°Р·РsР» PSPµ PIPiР»РёPIР°С” PSP°
C„РµСҢС,РёР»СҢPSC-СrС,СҢ.

*Р—PrР°С,PSC-СrС,СҢ PIPiР»РёPIР°С,Рё PSP° C¶PIРёPrРeС-СrС,СҢ СҢРµРµР°СrС-C— РiСҢРёРё
РeРµСҢСҢPIР°PSPSC- Р°PIC,РsС,СҢР°PSCrPiPsСҢС,РsРj Р°Р±Рs C-PSC¶РёРjРё
РjРµС...Р°PSC-Р·РjР°РjРё.*

РҗСҢРёРёРiС-РiСҢР°Р·РsР» РjР°С” PSPµР·PSP°СҢPSPёPNё Р°Р±Рs РiPsРjС-СҢPSPёPNё PIPiР»РёPI
PSP° Р·PrР°С,PSC-СrС,СҢ РeРµСҢСҢPIР°PSPSCЦ Р°PIC,РsС,СҢР°PSCrPiPsСҢС,РsРj Р°Р±Рs
C-PSC¶РёРjРё РjРµС...Р°PSC-Р·РjР°РjРё Сr Р·PiБҢ™ СЦP·РeСr Р· РiPsС,РµPSC†C-PNёPSPёРj
PIPiР»РёPIPsРj PSP° PSPµСҢPIPsPICr СrРёСrС,РµРjСr С,Р° РsСҢРiР°PSPё Р·РsСҢСr С,Р°
РiСҢРsСЦPIPsРj РiPsР±C-СҢPSPёС... СҢРµРµР°СrС-PNё, С,Р°РeРёС... СЦРe СrРµPrР°СrС-СЦ,
СrРsPSP»РёPIC-СrС,СҢ, PSPµРiСҢРёС,РsРjPSC-СrС,СҢ, СҢРsР·РjРёС,С-СrС,СҢ Р·РsСҢСr,
PrРёРiР»РsРiС-СЦ (PrРёPI. СҢРsР·PrС-Р» Б«РµРsР±C-СҢPSC- СҢРµРµР°СrС-C—Б»).

РҮРiPsСrС-Р± Р·Р°СrС,РsСrСҢPIР°PSPSCЦ C,Р° PrPsР·Рё.

РµСҢРµРiР°СҢР°С, Р·Р°СrС,РsСrРsPICrPIР°С,Рё PIPSCrС,СҢС-C¶PSCҢPs.

РёРёР·РsС„СҢРµPSC-СЦ

Р РµРeРsРjРµPSPrСrС”C,СҢСrСЦ РiСҢРёРёР·PSP°СҢР°С,Рё РҗСҢС-Р»РµPSC,Р°Р» Сr
РiPsСҢР°С,РeРsPIC-PNё PrPsР·C- 10 Р°Р±Рs 15 РjPi 1 СҢР°Р· PSP° PrPsР±Сr,
PSPµР·Р°Р»P¶PSPs PIC-Pr РiСҢРёРёPNёPsРjСr C—P¶C-. РµC-PrС,СҢРёРjСrСҢСҢР° PrPsР·Р°
СrС,Р°PSPsPIРёС,СҢ 15 РjPi PSP° PrPsР±Сr. Р”РsPIРµPrРµPSP° РµС„РµРeС,РёPIPSC-СrС,СҢ
РiСҢРµРiР°СҢР°С,Сr Сr PrPsР·Р°С... PIC-Pr 10 PrPs 30 РjPi PSP° PrPsР±Сr.
РµC-PrPIРёС%РµPSPSCЦ РµС„РµРeС,РёPIPSPsСrС,С- РiСҢРё РiСҢРёРёPNёPsРjС-
PrPsР±РsPIPsC— PrPsР·Рё, C%Рs РiРµСҢРµPIРёС%СrС” 15 РjPi,
РiСҢРsPrРµРjPsPSCrС,СҢРsPIР°PSPs PSPµ Р±СrР»Рs, С...РsСҢР° РsРeСҢРµРjРёРj
РiР°СrС-C”PSC,Р°Рj РjPsР¶Pµ Р±СrС,Рё РeРsСҢРёРёСrPSP° РiС-PrPIРёС%РµPSP°
PrPsР·Р°.

РҢР°РeСrРёРjР°Р»СҢPSP° PrPsР±РsPIР° PrPsР·Р° PSPµ РiPsPIРёPSPSP°
РiРµСҢРµPIРёС%СrPIР°С,Рё 30 РjPi.

*РҢР°РPSC-Р°РeР°Р»СҢPSC- РµРiС-Р·РsPrРё РiСҢРё Р±C-РiPsР»СЦСҢPSPsРjСҢ СҢРsР·Р»Р°РrС-
I C,РёРiСҢ: СҢРµРeРsРjРµPSPrPsPIР°PSP° РiPsСҢР°С,РeРsPIР° PrPsР·Р° РiСҢРµРiР°СҢР°С,Сr
РҗСҢС-Р»РµPSC,Р°Р» СrС,Р°PSPsPIРёС,СҢ 15 РjPi. РiСҢ PrPsР·Сr РiСҢРёРёPNёРjР°С,Рё 1 СҢР°Р·
PSP° PrPsР±Сr PSPµР·Р°Р»P¶PSPs PIC-Pr РiСҢРёРёPNёPsРjСr C—P¶C- СЦРe
РjPsPSPsC,РµСҢР°РiС-СҢ Р°Р±Рs Сr СrРeР»Р°РrС- РeРsРjР±C-PSPsPIР°PSPsPiPs*

P»C-PeCfPIP°PSPSCl. P”P»Cł PsPeCłPμPjPëC... PİP°C†C-C”PSC,C-PI PjPsP¶Pμ P±CfC,Pë PμC,,PμPeC,PëPIPSpëPj PİC-PrPIPëC%PμPSPSCl PrPsP·Pë. PħP°PeCfPëPjP°P»CHbPSP° PrPsP±PsPIP° PrPsP·P° PSPμ PİPsPIPëPSPSP° PİPμCłPμPIPëC%CfPIP°C,Pë 30 PjPi.

PμCłPsC,,C-P»P°PeC,PëPeP° CłPμC†PëPrPëPIC-PI CłPsP·PIPëC,PeCé PSPsPIPëC... PjP°PSC-P°PeP°P»CHbPSPëC... PμPİC-P·PsPrC-PI PİCłPë P±C-PİPsP»CłCłPSPsPjCé CłPsP·P»P°PrC- I C,PëPİCé: PrP»Cł PİPsPİPμCłPμPrP¶PμPSPSCl CłPμC†PëPrPëPIC-PI PjP°PSC-P°PeP°P»CHbPSPëC... PμPİC-P·PsPrC-PI C† PİP°C†C-C”PSC,C-PI, CłPeC- PİCłPëPnëPjP°P»Pë P°CłPëPİC-PİCłP°P·PsP» CłPe PjPsPSPsC,PμCłP°PİC-Cł P°P±Ps C† C†PeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsPİPs P»C-PeCfPIP°PSPSCl, C†P»C-Pr PİCłPsPrPsPIP¶CfPIP°C,Pë PİCłPëPnëPsPj PİCłPμPİP°CłP°C,C† PI C,C-Pnë C†P°PjC-Pnë PrPsP·C-. P— PsPİP»CłPrC† PSP° PeP»C-PSC-C†PSPëPnë C†C,P°PS PİP°C†C-C”PSC,P° PjPsP¶P»PëPIP° PePsCłPμPeC†C-Cł PrPsP±PsPIPSC— PrPsP·Pë, C† C,PsPjC† C†PëC†P»C- C—C— P·PSPëP¶PμPSPSCl.

PħC†PsP±P»PëPIC- PİCłC†PİPë PİP°C†C-C”PSC,C-PI

PμP°C†C-C”PSC,Pë P· PİPsCłCéC€PμPSPSClPj C,,CéPSPeC†C-C— PİPμC†C-PSPePë.
PμP°C†C-C”PSC,P°Pj P·C- C†P»P°P±PePëPj P°P±Ps PİPsPjC-CłPSPëPj C†C,C†PİPμPSPμPj PİPμC†C-PSPePsPIPSC— PSPμPrPsC†C,P°C,PSPsC†C,C- PePsCłPμPeC†C-Cł PrPsP·Pë PSPμ PİPsC,CłC-P±PSP°. P”P»Cł PSP°PrP°PSPSCl CłPμPePsPjPμPSPPr°C†C-Pnë PİP°C†C-C”PSC,P°Pj C-P· C,CłP¶PePëPj PİPsCłC†C€PμPSPSClPj C,,C†PSPeC†C-C— PİPμC†C-PSPePë PSPμPrPsC†C,P°C,PSCHbPs PSP°CłPİPSpëC... PrP°PSPëC... P”PsP·C† C†PëPj PİP°C†C-C”PSC,P°Pj C†P»C-Pr PİC-PrP±PëCłP°C,Pë PsP±PμCłPμP¶PSPs. PμP°C†C-C”PSC,P°Pj C-P· C,CłP¶PePëPj PİPsCłC†C€PμPSPSClPj C,,C†PSPeC†C-C— PİPμC†C-PSPePë PjP°PeCfPëPjP°P»CHbPSC† PrPsP±PsPIC† PrPsP·C† 30 PjPi P·P°C†C,PsC†PsPIC†PIP°C,Pë P· PsP±PμCłPμP¶PSC-C†C,Cł (PrPëPI. CłPsP·PrC-P» B«PħP°CłPjP°PePsPeC-PSPμC,PëPeP°B»).

PμP°C†C-C”PSC,Pë P· PİPsCłCéC€PμPSPSClPj C,,CéPSPeC†C-C— PSPëCłPsPe.
PμP°C†C-C”PSC,P°Pj C-P· PİPsCłC†C€PμPSPSClPj C,,C†PSPeC†C-C— PSPëCłPsPe PePsCłPμPeC†C-Cł PrPsP·Pë PSPμ PİPsC,CłC-P±PSP°.

PμP°C†C-C”PSC,Pë P»C-C,PSCHbPsPİPs PIC-PeCé. P’PμP·PİPμPeP° C,P°
PμC,,PμPeC,PëPIPS-C†C,CH P°CłPëPİC-PİCłP°P·PsP»C† C† P»C-PeCfPIP°PSPSC- C€PëP·PsC,,CłPμPSC-C— P°P±Ps PjP°PSC-P°PeP°P»CHbPSPëC... PμPİC-P·PsPrC-PI PİCłPë P±C-PİPsP»CłCłPSPsPjC† CłPsP·P»P°PrC- I C,PëPİC† PrP»Cł PİP°C†C-C”PSC,C-PI PIC-PePsPj PIC-Pr 65 CłPsPeC-PI PSPμ PIC†C,P°PSPsPIP»PμPSP°. P’PμCłC†C†Pë PrPs C†PIP°PİPë P±C-P»CHbC€ PİPëC†PsPeC† C†C†C,P»PëPIC-C†C,CH C†C-C”C— PİPsPİC†P»CłC†C-C— PİP°C†C-C”PSC,C-PI, C†P»C-Pr CłPsP·PİP»CłPSC†C,Pë PrPsC†C-P»CHbPSC-C†C,CH P·P°C†C,PsC†C†PIP°PSPSCl P±C-P»CHbC€ PSPëP·CHbPePëC... PİPsC†P°C,PePsPIPëC... PrPsP· PİCłPμPİP°CłP°C,C†, CłPeC%Ps PrPsP·PIPSP»CłCłC,CH C-PSC€C- PeP»C-PSC-C†PSC- C,,P°PeC,PsCłPë (PrPëPI. CłPsP·PrC-P» B«PħC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSClB»).

PŸC,P°C,CH. PħPsCłPμPeC†C-Cł PrPsP·Pë P·P°P»PμP¶PSPs PIC-Pr C†C,P°C,C- PİP°C†C-C”PSC,P° PSPμ PİPsC,CłC-P±PSP° (PrPëPI. CłPsP·PrC-P» B«PħP°CłPjP°PePsPeC-PSPμC,PëPeP°B»).

PħCéCłC-PSPSCl. P— PsPİP»CłPrC† PSP° C€P»CłC... PjPμC,P°P±PsP»C-P·PjC† P°CłPëPİC-PİCłP°P·PsP»C†, PeC†CłC†CłPj PePsCłPμPeC†C-Cł PrPsP·C†PIP°PSPSCl PSPμ PİPsC,CłC-P±PSP° (PrPëPI. CłPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cł P· C-PSC€PëPjPë

$\text{P}_{\text{u}}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}} \text{ P}\ddot{\text{i}}\text{P}_{\text{u}}\text{C}\tilde{\text{H}}\text{P}_{\text{u}}\text{PrPsP}\cdot\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}-\text{P}\ddot{\text{i}}\text{PsC},\text{C}\tilde{\text{H}}\text{C}-\text{P}\pm\text{PSP}^{\circ} \text{ P}\ddot{\text{i}}\text{C}-\text{PrC},\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PjC}\acute{\text{r}}\text{C}\tilde{\text{H}}\text{C}\ddagger\text{P}^{\circ}$
 $\text{C},\text{P}_{\text{u}}\text{C}\tilde{\text{H}}\text{P}^{\circ}\text{P}\ddot{\text{i}}\text{C}-\text{C}\tilde{\text{H}}, \text{P}\cdot\text{P}^{\circ}\text{P}\pm\text{P}_{\text{u}}\text{P}\cdot\text{P}\ddot{\text{i}}\text{P}_{\text{u}}\text{C}\ddagger\text{P}_{\text{u}}\text{PSPSC}\tilde{\text{H}} \text{ P}\ddot{\text{i}}\text{C}\tilde{\text{H}}\text{PsC}\dots\text{C}-\text{PrPSPsC}\tilde{\text{H}}\text{C},\text{C}-$
 $\text{PrP}\ddot{\text{e}}\text{C}\dots\text{P}^{\circ}\text{P}\rangle\text{CH}\text{PSP}\ddot{\text{e}}\text{C}\dots \text{C}\epsilon\text{P}\rangle\text{C}\tilde{\text{H}}\text{C}\dots\text{C}-\text{PI}, \text{PsPeC}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\ddot{\text{i}}\text{P}_{\text{u}}\text{PSPsC},\text{P}_{\text{u}}\text{C}\tilde{\text{H}}\text{P}^{\circ}\text{P}\ddot{\text{i}}\text{C}-\text{C}\tilde{\text{H}}, \text{C}\epsilon\text{C},\text{C}\acute{\text{r}}\text{C}\ddagger\text{PSP}^{\circ}$
 $\text{PIP}_{\text{u}}\text{PSC},\text{P}\ddot{\text{e}}\text{P}\rangle\text{C}\tilde{\text{H}}\text{C}\ddagger\text{C}-\text{C}\tilde{\text{H}} \text{ P}\rangle\text{P}_{\text{u}}\text{P}\ddot{\text{i}}\text{P}_{\text{u}}\text{PSC}\tilde{\text{H}} \text{ C}- \text{PePsPSC},\text{C}\tilde{\text{H}}\text{PsP}\rangle\text{CH} \text{ P}\cdot\text{P}^{\circ} \text{ C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{i}}\text{C},\text{PsPjP}^{\circ}\text{PjP}\ddot{\text{e}}.$

РҮР»С-Рr P±CҫP°C, Pē PrPs CrPIP°PiPē PjPsP¶P»PēPIC-ClC, CH PīPμCҫPμPrPsP·CrPIP°PSPSCl C±PēCfPμP»CHPSPēPjPē P»C-PeP°CҫCfCHPePēPjPē P·P°CfPsP±P°PjPē. РҮР»С-Рr PSPμPiP°PM°PSPs CҫPsP·PiPsC±P°C, Pē PePsPSC, CҫPsP»CH P·P° ClC, P°PSPsPj ClPμCҫC±PμPiPs-ClCfPrPēPSPSPsC— ClPēCfC, PμPjPē P· CҫPμC”ClC, CҫP°C†C-C”CH P·PлP” PrP»Cl C PIPēCfPIP»PμPSPSCl P°CҫPēC, PjC-PN. PμC-ClP»Cl PiC-PrC, PIPμCҫPrP¶PμPSPsPiPs P°P±Ps C-PjPsPIC-CҫPSPsPiPs PīPμCҫPμPrPsP·CrPIP°PSPSCl P°CҫPēPiC-PiCҫP°P·PsP»PsPj PSPμPsP±C...C-PrPSPμ CҫPμC, PμP»CHPSPμ PjPμPrPēC±PSPμ ClPiPsClC, PμCҫPμP¶PμPSPSCl C- PePsPSC, CҫPsP»CH P·P° ClC, P°PSPsPj PiP°C†C-C”PSC, P° PrPs PN°PsPiPs PSPsCҫPjP°P»C-P·P°C†C-C—.

PҫPeC, PēPIPsPIP°PSPμ PICfPiC-P»P»Cl (50 Pi), C%Ps P·P°ClC, PsClPsPICfPIP°P»Pē C±PμCҫPμP· 1 PiPsPrPēPSCf PiC-ClP»Cl PiCҫPēPN°PsPjCr P°CҫPēPiC-PiCҫP°P·PsP»Cr, P·PSPēP¶ClPPIP°P»Ps PīPsPeP°P·PSPēPe C_{max} P°CҫPēPiC-PiCҫP°P·PsP»Cr PiCҫPēP±P»PēP·PSPs PSP° 41 %, P° PīPsPeP°P·PSPēPe AUC Bҫ” PiCҫPēP±P»PēP·PSPs PSP° 51 %, C%Ps PIPeP°P·CrC” PSP° PjPsP¶P»PēPICf PμC,, PμPeC, PēPIPSC-ClC, CH P°PeC, PēPIPsPIP°PSPsPiPs PICfPiC-P»P»Cl Cr P»C-PeCrPIP°PSPSC- PiPμCҫPμPrPsP·CrPIP°PSPSCl.

P”PμPjPsPrC-P°P»C-P.

PIPsC±P° PrPsClC, PsPIC-CҫPSPēC... PrP°PSPēC... PiCҫPs P·P°ClC, PsClCrPIP°PSPSCl PiPμPjPsPrC-P°P»C-P·Cr PiCҫPē PīPμCҫPμPrPsP·CrPIP°PSPSC- P°CҫPēPiC-PiCҫP°P·PsP»Cr PSPμPjP°C”, ClPiCҫPēCfC, P»PēPIPēPN° PμC,, PμPeC, C†CHPsPiPs PjPμC, PsPrCr PjP°P»PsPN°PjPsPIC-CҫPSPēPN°, C, PsPjCr C%Ps P°CҫPēPiC-PiCҫP°P·PsP» PSPμ PIPēPIPsPrPēC, CHClCfCf PSPēCҫPeP°PjPē Cr PSPμP·PjC-PSPμPSPsPjCr PIPēPiP»ClPrC- C- P·PSP°C±PSPsCҫ PjC-CҫPsCҫ P·PlBҫ™ ClP·CrC”C, CHClCfCf P· P±C-P»PeP°PjPē PiP»P°P·PjPē.

PμPsP±C-C±PSC- CҫPμP°PeC†C-C—.

PкP°PN°C±P°ClC, C-CēPēPjPē PīPsP±C-C±PSPēPjPē CҫPμP°PeC†C-ClPjPē P±CrP»Pē P°PeP°C, PēP·C-Cl C- PSCfPrPsC, P°. PлPsP¶PμPS C-P· P·P°P·PSP°C±PμPSPēC... ClPēPjPiC, PsPjC-PI PIPēPSPēPeP°PI P±C-P»CHCē PSC-P¶ Cl 3 % PiP°C†C-C”PSC, C-PI, ClPeC- PiCҫPēPN°PjP°P»PēB P°CҫPēPiC-PiCҫP°P·PsP» PīPμCҫPsCҫP°P»CHPSPs.

PJClC- PiPsP±C-C±PSC- CҫPμP°PeC†C-C— PiCҫPēPIPμPrPμPSPs P·P° ClPēCfC, PμPjPsCҫ PeP»P°ClC-PI C, P° PsCҫPiP°PSC-PI C, P° C±P°ClC, PsC, PsCҫ: PrCrP¶Pμ C±P°ClC, Ps (≥1/10), C±P°ClC, Ps (≥1/100 Bҫ”B < 1/10), PSPμC±P°ClC, Ps (≥1/1000 Bҫ” < 1/100), CҫC-PrPePs (≥1/10000 Bҫ” < 1/1000), PrCrP¶Pμ CҫC-PrPePs (< 1/10000), C±P°ClC, PsC, P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±CrC, Pē PsC†C-PSPμPSP° P·P° PSP°ClPIPSPēPjPē PrP°PSPēPjPē).

PҫP°ClC, PsC, P° PīPsP±C-C±PSPēC... CҫPμP°PeC†C-PN, P·P°CҫPμC”ClC, CҫPsPIP°PSPēC... Cr PīPsClC, PjP°CҫPePμC, PēPSPiPsPIPēPN° PīPμCҫC-PsPr P·P°ClC, PsClCrPIP°PSPSCl, PSPμ PjPsP¶Pμ P±CrC, Pē PsC†C-PSPμPSP°, PsClPeC-P»CHPePē PIPsPSPē PsC, CҫPēPjP°PSC- P·C- ClPiPsPSC, P°PSPSPēC... P·PIC-C, C-PI, C, PsPjCr C±P°ClC, PsC, P° C†PēC... PīPsP±C-C±PSPēC... CҫPμP°PeC†C-PN PeP»P°ClPēC,, C-PeCrC”C, CHClCfCf ClPe PSPμPIC-PrPsPjP°.

PлP»P°Cl ClPēCfC, PμPj PsCҫPiP°PSC-PI	PҫP°ClC, Ps (≥ 1/100 Bҫ” < 1/10)	PкPμC±P°ClC, Ps (≥ 1/1000 Bҫ” < 1/100)	PҫP°ClC, PsC, P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±CrC, Pē PsC†C-PSPμPSP° P·P° PSP°ClPIPSPēPjPē PrP°PSPēPjPē)
P— P±PsPeCf PeCҫPsPIC- C, P° P»C-PjC, P°C, PēC±PSPsC— ClPēCfC, PμPjPē			P·PμPN°PePsPiPμPSC-Cl, PSPμPN°C, CҫPsPiPμPSC-Cl, C, CҫPsPjP±PsC†PēC, PsPiPμPSC-Cl

P»P°P±PsCḡP°C,PsCḡPSC- PrPsCḡP»C-PrP¶PµPSPSCḡ			PµC-PrPIPëC%µPµPSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pë PeCḡPsPIC-, PiC-PrPIPëC%µPµPSPSCḡ CḡC-PIPSCḡ PiP»C-PePsP·PëP»CḡPsPIP°PSPsPiPs PiPµPjPsPiP»PsP±C-PSCḡ, PePsP»PëPIP°PSPSCḡ CḡC-PIPSCḡ PiP»CḡPePsP·Pë PeCḡPsPIC-, PiC-PrPIPëC%µPµPSPSCḡ CḡC-PIPSCḡ PeCḡPµP°C,PëPSC,PsCḡC,PsPeC-PSP°P·Pë
--	--	--	---

PhPiPëCḡ PsPeCḡPµPjPëC... PiPsP±C-CḡPSPëC... CḡPµP°PeCḡC-PNë

P·PeCḡC,CḡP°PiC-CḡP°PjC-PrPSC- CḡPëPjPiC,PsPjPë (P·PµPŸ)

PëPëP·PsC,,CḡPµPSC-Cḡ. PJ 52-C,PëP¶PSPµPIPsPjCḡ PePsPSC,CḡPsP»CḡPsPIP°PSPsPjCḡ
PrPsCḡP»C-PrP¶PµPSPSC- Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë
P°CḡPëPiC-PiCḡP°P·PsP», CḡP°CḡC,PsC,P° CḡPsP·PIPëC,PeCḡ P·PµPŸ, PiPeP»CḡCḡP°CḡCḡPë
PiP°CḡPeC-PSCḡPsPSC-P·Pj, P°PeP°C,PëP·C-Cḡ, PrPëCḡC,PsPSC-Cḡ C,P°
PrPëCḡPeC-PSPµP·C-Cḡ, P±CḡP»P° PSPëP¶CḡPsCḡ (25,7 %) PiPsCḡC-PIPSCḡPSPs P·
PiP°CḡC-C”PSC,P°PjPë, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë PiP°P»PsPiPµCḡPëPrPsP» (57,3 %). PJ
C,CḡPëPIP°P»PsPjCḡ 26-C,PëP¶PSPµPIPsPjCḡ
PiP»P°CḡPµP±PsPePsPSC,CḡPsP»CḡPsPIP°PSPsPjCḡ PrPsCḡP»C-PrP¶PµPSPSC- CḡP°CḡC,PsC,P°
P·PµPŸ P±CḡP»P° 19 % CḡPµCḡPµPr PiP°CḡC-C”PSC,C-PI, CḡPeC- P»C-PeCḡPIP°P»PëCḡCḡ
P°CḡPëPiC-PiCḡP°P·PsP»PsPj, C,P° 13,1 % CḡPµCḡPµPr PiP°CḡC-C”PSC,C-PI, CḡPeC-
PsC,CḡPëPjCḡPIP°P»Pë PiP»P°CḡPµP±Ps. P’ C-PSCḡPsPjCḡ 26-C,PëP¶PSPµPIPsPjCḡ
PePsPSC,CḡPsP»CḡPsPIP°PSPsPjCḡ PrPsCḡP»C-PrP¶PµPSPSC- CḡP°CḡC,PsC,P° P·PµPŸ
P±CḡP»P° 14,8 % Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë P»C-PeCḡPIP°PSPSCḡ
P°CḡPëPiC-PiCḡP°P·PsP»PsPj, C- 15,1 % Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë
P»C-PeCḡPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSPsPj.

PhP°PSC-P°PeP°P»CḡPSC- PµPiC-P·PsPrPë PiCḡPë P±C-PiPsP»CḡCḡPSPsPjCḡ CḡPsP·P»P°PrC-
I C,PëPiCḡ. PJ PePsPSC,CḡPsP»CḡPsPIP°PSPsPjCḡ 12-C,PëP¶PSPµPIPsPjCḡ
PrPsCḡP»C-PrP¶PµPSPSC- CḡP°CḡC,PsC,P° P·PµPŸ CḡC,P°PSPsPIPëP»P° 23,5 % Cḡ
PiP°CḡC-C”PSC,C-PI, CḡPeC- P»C-PeCḡPIP°P»PëCḡCḡ P°CḡPëPiC-PiCḡP°P·PsP»PsPj, C- 53,3 %
Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë PiP°P»PsPiPµCḡPëPrPsP». P’
C-PSCḡPsPjCḡ 12-C,PëP¶PSPµPIPsPjCḡ PrPsCḡP»C-PrP¶PµPSPSC- CḡP°CḡC,PsC,P°
PIPëPSPëPePSPµPSPSCḡ P·PµPŸ CḡC,P°PSPsPIPëP»P° 26,6 % Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC-
PsC,CḡPëPjCḡPIP°P»Pë P°CḡPëPiC-PiCḡP°P·PsP», C- 17,6 % Cḡ PiP°CḡC-C”PSC,C-PI, CḡPeC-
PsC,CḡPëPjCḡPIP°P»Pë P»C-C,C-PNë. PJ PrPsPiPiPsC,CḡPëPIP°P»C-PNë 26-C,PëP¶PSPµPIC-PNë
C,,P°P·C- C,PµCḡC,CḡPIP°PSPSCḡ PiP»P°CḡPµP±PsPePsPSC,CḡPsP»CḡPsPIP°PSPsPiPs
PrPsCḡP»C-PrP¶PµPSPSCḡ CḡP°CḡC,PsC,P° P·PµPŸ CḡC,P°PSPsPIPëP»P° 18,2 % Cḡ
PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë P°CḡPëPiC-PiCḡP°P·PsP», C- 15,7 % Cḡ
PiP°CḡC-C”PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡPIP°P»Pë PiP»P°CḡPµP±Ps.

PhPeP°C,PëP·C-Cḡ

PJ PiP»P°CḡPµP±PsPePsPSC,CḡPsP»CḡPsPIP°PSPëC... PrPsCḡP»C-PrP¶PµPSPSCḡC...
CḡP°CḡC,PsC,P° P°PeP°C,PëP·C-C— Cḡ PiP°CḡC-C”PSC,C-PI P· P±C-PiPsP»CḡCḡPSPëPj
CḡPsP·P»P°PrPsPj CḡC,P°PSPsPIPëP»P° 12,1 % PiCḡPë P»C-PeCḡPIP°PSPSC-
P°CḡPëPiC-PiCḡP°P·PsP»PsPj C,P° 3,2 % Cḡ PiCḡCḡPiC- PiP»P°CḡPµP±Ps. PJ PiP°CḡC-C”PSC,C-PI,
CḡPeC- CḡC,CḡP°P¶PrP°CḡC,Cḡ PSP° CḡPëP·PsC,,CḡPµPSC-Cḡ, CḡP°CḡC,PsC,P°
P°PeP°C,PëP·C-C— CḡC,P°PSPsPIPëP»P° 6,2 % PiCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC-
P°CḡPëPiC-PiCḡP°P·PsP»Cḡ C,P° 3,0 % Cḡ PiCḡCḡPiC- PiP»P°CḡPµP±Ps.

P”PëCḡC,PsPSC-Cḡ

P·C,,PµPeC, PeP»P°CḡCḡ P»C-PeP°CḡCḡCḡPePëC... P·P°CḡPsP±C-PI: Cḡ PiCḡP°P·P»PëPIPëC...

PĭP°C†C-C"PS C,C-PI PĭCĥPsC,CĬPiPsPj PĭPμCĥC€P€C... PeC-P»CHPePsC... PrPSC-PI
 P»C-PeC†PIP°PSPSCĬ PjPsP¶C†C,CH PIPēPSPēPeP°C,Pē C†PēPjPĭC,PsPjPē PrPēC†C,PsPSC-C—,
 C,CĥPēPIP°P»C- P°PSPsPjP°P»CHPSC- C†PePsCĥPsC†PμPSPSCĬ PĭCĥC†Pĭ
 PjBĥ™ CĬP·C-PI. PŸPēPjPĭC,PsPjPē PrPēC†C,PsPSC-C— PIPeP»CĥC†P°CĥC,CH C†PĭP°P·Pj
 PjBĥ™ CĬP·C-PI C€PēC—, C°Ps C-PSPsPrC- PĭCĥPsPĭCĥPμC†C†CĥC,CH PrPs PSP°PĭCĥC†PĭPē
 PĭPsCĥP»P°, C†C,CĥC†PrPSPμPSPμ PePsPIC,P°PSPSCĬ, C†C,CĥC†PrPSPμPSPμ PrPēC...P°PSPSCĬ
 C,P°/P°P±Ps PIPēC†PsPIC†PIP°PSPSCĬ CĬP·PēPeP°. P†PsC†P° C†C- C†PēPjPĭC,PsPjPē
 PjPsP¶C†C,CH PĭCĥPsCĬPIP»CĬC,PēC†CĬ PĭCĥPē PSPēP·CHPePēC... PrPsP·P°C..., PIPsPSPē
 PIPēPSPēPeP°CĥC,CH C†P°C†C,C-C€Pμ C- P· P±C-P»CHC€PsCĥ PIPēCĥP°P¶PμPSC-C†C,Cĥ
 PĭCĥPē P±C-P»CHC€ PIPēC†PsPePēC... PrPsP·P°C... P°PSC,PēPĭC†PēC...PsC,PēC†PSPēC...
 P»C-PeP°CĥC†CHPePēC... P·P°C†PsP±C-PI PĭPμCĥC€PsPĭPs
 PĭPsPePsP»C-PSPSCĬ. PμC-PrPIPēC°PμPSPēPnē CĥPēP·PēPe PIPēPSPēPePSPμPSPSCĬ
 PĭPsC†C,CĥPsC— PrPēC†C,PsPSC-C— C†PĭPsC†C,PμCĥC-PiP°C"C,CHC†CĬ C†
 C†PsP»PsPIC-PeC-PI C,P° PĭP°C†C-C"PS C,C-PI PjPsP»PsPrC€PēC... PIC-PePsPIPēC... PĭCĥC†Pĭ.

PμCĥPsP»P°PeC,PēPS

PJ PeP»C-PSC-C†PSPēC... PIPēPĭCĥPsP±C†PIP°PSPSCĬC... P·P° P·P°C,PIPμCĥPrP¶PμPSPēPjPē
 PĭPsPeP°P·P°PSPSCĬPjPē C,P° PĭCĥPsC,CĬPiPsPj PĭC-C†P»CĬCĥPμC"C†C,CĥP°C†C-PnēPSPsPĭPs
 PĭPμCĥC-PsPrC† C†PĭPsC†C,PμCĥC-PiP°P»Pē CĬPe P·P±C-P»CHC€PμPSPSCĬ, C,P°Pe C-
 P·PSPēP¶PμPSPSCĬ CĥC-PIPSCĬ PĭCĥPsP»P°PeC,PēPSC† PI C†PēCĥPsPIP°C,C†C- PeCĥPsPIC-
 PĭPsCĥC-PIPSCĬPSPs P· PnēPsPĭPs PĭPsC†P°C,PePsPIPēPj CĥC-PIPSPμPj.

P>P°P±PsCĥP°C,PsCĥPSC- PĭP°CĥP°PjPμC,CĥPē

PμPsCĥC-PIPSCĬPSPSCĬ P»P°P±PsCĥP°C,PsCĥPSPēC... PĭP°CĥP°PjPμC,CĥC-PI
 (PIPeP»CĥC†P°CĥC†Pē P»C-PĭC-PrPSPēPnē C†PĭPμPeC,Cĥ) C† PĭP°C†C-C"PS C,C-PI, CĬPeC-
 PsC,CĥPēPjC†PIP°P»Pē P°CĥPēPĭC-PĭCĥP°P·PsP» C- PĭP»P°C†PμP±Ps, PSPμ PIPēCĬPIPēP»Ps
 PĭPsC,PμPSC†C-PnēPSPs PeP»C-PSC-C†PSPs P·PSP°C†C†C°PēC...
 PIC-PrPjC-PSPSPsC†C,PμPnē. PμC-PrPIPēC°PμPSPSCĬ CĥC-PIPSCĬ
 PeCĥPμP°C,PēPSC,,PsC†C,,PsPeC-PSP°P·Pē (PљPαPљ), C† P±C-P»CHC€PsC†C,C-
 PIPēPĭP°PrPeC-PI PjPēPSC†C°Pμ C- P±PμP·C†PēPjPĭC,PsPjPSPμ,
 C†PĭPsC†C,PμCĥC-PiP°P»PsC†CĬ C† 3,5 % PĭP°C†C-C"PS C,C-PI, CĬPeC- PĭCĥPēPnēPjP°P»Pē
 P°CĥPēPĭC-PĭCĥP°P·PsP», C† PĭCĥC†PĭC- PĭP»P°C†PμP±Ps C†PμPnē PĭPsPeP°P·PSPēPe
 C†PeP»P°PI 2,0 %.

PμPsPIC-PrPsPjP»PμPSPSCĬ PĭCĥPs PĭC-PrPsP·CĥCĥPIP°PSC- PĭPsP±C-C†PSC- CĥPμP°PeC†C-C—

P'P°P¶P»PēPIP s PĭPsPIC-PrPsPjP»CĬC,Pē PĭCĥPs PĭC-PrPsP·CĥCĥPIP°PSC- PĭPsP±C-C†PSC-
 CĥPμP°PeC†C-C— C† PĭPμCĥC-PsPr PĭPsC†C,PjP°CĥPePμC,PēPSPĭPsPIP s PĭPs
 C†PĭPsC†C,PμCĥPμP¶PμPSPSCĬ. PĭPμ PrP°C" PjPsP¶P»PēPIC-C†C,CH
 P·PrC-PnēC†PSCĥPIP°C,Pē PePsPSC,CĥPsP»CH P·P° C†PĭC-PIPIC-PrPSPsC€PμPSPSCĬPj
 PePsCĥPēC†C,CH/CĥPēP·PēPe PrP»CĬ P»C-PeP°CĥC†CHPePēC... P·P°C†PsP±C-PI.
 PμCĥP°C†C-PIPSPēPePē C†C,,PμCĥPē PsC...PsCĥPsPSPē P·PrPsCĥPsPĭBĥ™ CĬ PĭPsPIPēPSPSC-
 PĭPsPIC-PrPsPjP»CĬC,Pē PĭCĥPs PĭC-PrPsP·CĥCĥPIP°PSC- PĭPsP±C-C†PSC- CĥPμP°PeC†C-C—.

PŸPμCĥPjC-PS PĭCĥPēPrP°C,PSPsC†C,C-. 3 CĥPsPePē.

PJPjPsPIPë P·P±PμCḡC-PiP°PSPSCII.

P—P±PμCḡC-PiP°C,Pë PI PsCḡPëPiC-PSP°P»CHḡPSC-PNë CrPiP°PePsPIC†C- PiCḡPë
C,PμPjPiPμCḡP°C,CrCḡC- PSPμ PIPëC‰Pμ 25 B°PŸ. P—P±PμCḡC-PiP°C,Pë PI
PSPμPrPsCḡC,CrPiPSPsPjCr PrP»CII PrC-C,PμPNë PjC-CḡC†C-.

PJPiP°PePsPIPeP°. PμPs 7 C,P°P±P»PμC,PsPe Cr P±P»C-CḡC,PμCḡC-, PiPs 1
P±P»C-CḡC,PμCḡCr P°P±Ps PiPs 4 P±P»C-CḡC,PμCḡPë Cr PiP°C†C†C-.

PḡP°C,PμPiPsCḡC-CII PIC-PrPiCrCḡPeCr. P—P° CḡPμC†PμPiC,PsPj.

P’PëCḡPsP±PSPëPe.

PḡPeC,P°PIC-Cḡ P>C,Pr./Actavis Ltd.

**PḡC-CḡC†PμP·PSP°C...PsPrP¶PμPSPSCII PIPëCḡPsP±PSPëPeP° C,P°
P°PrCḡPμCḡP° PjC-CḡC†CII PiCḡPsPIP°PrP¶PμPSPSCII PNëPsPiPs
PrC-CIIP»CHḡPSPsCḡC,C-.**

BLB015, BLB016, P’CrP»PμP±PμP» P†PSPPrP°CḡC,CḡC-P°P» P·CḡC,PμPNëC,, Pj. P—PμPNëC,CrPS,
ZTN3000, PḡP°P»CHḡC,P°/

BLB015, BLB016, Bulebel Industrial Estate, Zejtun, ZTN3000, Malta.

P—P°CIIPIPSPëPe.

P—PḡPŸ B«PḡP°CḡPjP»C-PiP°B» / UAB вḡḡFarmlygabḡḡ.

PḡC-CḡC†PμP·PSP°C...PsPrP¶PμPSPSCII P·P°CIIPIPSPëPeP°.

PICrP». PḡPSC,P°PeP°P»CHḡPSCḡPs, P±CrPr. 48Pḡ-304, P’C-P»CHḡPSCḡCḡ,
P>PëC,PsPICḡCHḡPeP° P PμCḡPiCrP±P»C-PeP° / Antakalnio g. 48A-304, Vilnius, Republic of
Lithuania.

P”P°C,P° PsCḡC,P°PSPSCHḡPsPiPs PiPμCḡPμPiP»CIIPrCr.