

$$\begin{aligned} & \text{PhP} \gg \text{P}^\circ \text{PSP} \cdot \text{P}^\circ \text{PiC} - \text{PS C}'' \text{P}^\circ \text{PSC}, \text{P}^\circ \text{PiC} \dot{\text{C}} \text{P}^\circ \text{C} \dots \text{PsC}, \text{P}^\circ \text{C} \dot{\text{C}} \text{PSP} \dot{\text{C}} \text{P}^\circ \text{Pj}, \\ & \text{P}^\circ \text{PSC}, \text{P}^\circ \text{PjP}^\circ \text{PSC} - \text{P}^\circ \text{PeP}^\circ \text{P} \gg \text{CHbPSP} \dot{\text{C}} \text{P}^\circ \text{Pj} \text{P} \gg \text{C} - \text{PeP}^\circ \text{C} \dot{\text{C}} \text{C} \dot{\text{C}} \text{CHbPeP} \dot{\text{C}} \text{P}^\circ \text{Pj} \text{P} \cdot \text{P}^\circ \dot{\text{C}} \text{P}^\circ \text{PsP} \pm \text{PsPj}, \text{C}, \text{P}^\circ \text{PePsP} \dot{\text{C}} \\ & \text{PIC} - \text{PS C} \dot{\text{C}} \text{C}, \text{P}^\circ \text{P} \pm \text{C} - \text{P} \gg \text{C} - \text{P} \cdot \text{C} \dot{\text{C}} \text{C}'' \text{PSP} \dot{\text{C}} \text{C}, \text{C} \dot{\text{C}} \text{C} - \text{PN}_2, \text{PjP}^\circ \text{C}'' \dot{\text{C}} \text{PiP} \mu \text{PeC}, \text{C} \dot{\text{C}} \\ & \text{C}_n \text{P}^\circ \text{C} \dot{\text{C}} \text{PjP}^\circ \text{PePsP} \gg \text{PsPiC} - \text{C} \dot{\text{C}} \text{PSPsC} - \text{PrC} - \text{C} - , \text{P} \cdot \text{C} \dot{\text{C}} \text{PiPsPIP} \gg \text{PuPSPsC} - \text{PIPiP} \gg \text{P}^\circ \text{PIP} \text{PsPj} \text{PSP}^\circ \end{aligned}$$

СҗС-Р·РSC- СҗРµС†РµРiС,РsСҗРё.

PJ РrPsPeP»C-PSC-C†PSPёC... РrPsСГР»C-РrP¶РµPSPSCЦC... PIPёCЦPIP»РµPSPs
P·PIБҗ™ CЦP·CГPIP°PSPSCЦ PsP»P°PSP·P°РiC-PSCГ P·C- CГРµСҗPsC,РsPSC-PSPsPIPёРjРё
СҗРµС†РµРiС,РsСҗР°РjРё 5РќРӢ2Рҗ/2РӢ, 5РќРӢ3, 5РќРӢ6, РrPsРiР°РjС-PSPsPIPёРjРё
СҗРµС†РµРiС,РsСҗР°РjРё D1, D2, D3, D4, D5, РjСГCГРёP°СҗРёPёPSPsPIPёРjРё
СҗРµС†РµРiС,РsСҗР°РjРё Рҗ1-Рҗ5, P°РrСҗРµРµPSPµСҗРiС-C†PSPёРj СҗРµС†РµРiС,РsСҗРsРj α1
C- РiС-CГC,Р°РjС-PSPsPIPёРj Рќ1-СҗРµС†РµРiС,РsСҗРsРj. PJ РiСҗРsС†РµСГC-
РrPsСГР»C-РrP¶РµPSCҖ РiPsPIРµРrС-PSPёё C,PIP°СҗРёPS, CЦPeРёРj PIPsРrРёP»Pё
PsP»P°PSP·P°РiC-PS, PIPёCЦPIP»РµPSPs P°PSC,Р°РiPsPSC-Р·Рj PsP»P°PSP·P°РiC-PSCГ CЦPe
РrPs CГРµСҗPsC,РsPSC-PSPsPIPёC... СҗРµС†РµРiС,РsСҗС-PI 5РќРӢ, C,Р°Рё C- РrPs
РrPsРiР°РjС-PSPsPIPёC... C- C...PsP»C-PSPµСҗРiС-C†PSPёC... СҗРµС†РµРiС,РsСҗС-PI.
РҗP»P°PSP·P°РiC-PS РjР°C” PIPёC%PёР№ СҗС-PIРµPSCҖ Р·PIБҗ™ CЦP·CГPIP°PSPSCЦ P·
СҗРµС†РµРiС,РsСҗР°РjРё CГРµСҗPsC,РsPSC-PSCГ 5РќРӢ2, PSC-Р¶ P· СҗРµС†РµРiС,РsСҗР°РjРё
РrPsРiР°РjС-PSCГ D2, CГ РjPsРrРµP»CЦC... CЦPe *in vitro*, C,Р°Рё C- *in vivo*.
P·P»РµPeC,СҗРsC,,C-Р·C-РsP»PsРiС-C†PSC- РrPsСГР»C-РrP¶РµPSPSCЦ РiPsPeP°P·P°P»Pё,
C%Ps PsP»P°PSP·P°РiC-PS CГРµP»РµPeC,РёPIPSРs Р·РjРµPSCёCГC” P·Р±CГРrP»РёPIC-CГC,СҖ
РjРµP·PsP»C-РjР±C-C†PSPёC... (Рҗ10) РrPsРiР°РjС-PSPµСҗРiС-C†PSPёC... PSPµР№СҗРsPSC-PI,
РiСҗРsCЦPIP»CЦҖCҖPё РiСҗРё C†СҖPsРjСГ PSPµP·PSP°C†PSPёР№ PIPiP»РёPI PSP°
CГC,СҗС-Р°СҗPSC- (Рҗ9) CёP»CЦC...Pё, РiPsPIБҗ™ CЦP·P°PSC- Р· РjPsC,РsСҗPSPsСҖ
C,,CГPSPёC†C-C”СҖ. РҗP»P°PSP·P°РiС-PS РiР°P»СҖРjСГC” CГРjPsPIPSРёР№ СҗРµC,,P»РµPeCГ
CГPSPёPePSPµPSPSCЦ, C%Ps CГPIC-РrC†PёC,СҖ РiСҗРs Р№PsРiPs
P°PSC,РёРiСГРёC...PsC,РёC†PSCГ P°PeC,РёPIPS-СГC,СҖ РiСҗРё РiСҗРёР№PsРjС- PI
РrPsP·P°C..., РjРµPSCёРёC..., PSC-Р¶ РrPsP·Pё, C%Ps CГРiСҗРёC†PёPSCЦҖC,СҖ
PeP°C,Р°P»РµРiСГC-СҖ, CЦPeP° C” PsP·PSP°PePsСҖ РiPsР±C-C†PSPёC... РjPsC,РsСҗPSPёC...
РµC,,РµPeC,C-PI. РќР° PIC-РrРjС-PSCГ PIC-Рr C-PSCёРёC... P°PSC,РёРiСГРёC...PsC,РёC†PSPёC...
P»C-PeP°СҗCГСҖPeРёC... P·P°CГPsР±C-PI, PsP»P°PSP·P°РiC-PS РiPsСГРёP»СҖC”
СҗРµР°РёC†C-C— PSP° РiPsРrСҗР°P·P·PSPёPeРё РiСҗРё РiСҗРsPIРµРrРµPSPSC-
P°PSPёCГC-РsP»C-C,РёC†PSPsРiPs C,РµCГC,CГ.

РµСҗРё PsРrPSPsСҗР°P·PsPIPsРjСГ РiРµСҗРsСҗР°P»СҖPSPsРjСГ РiСҗРёР№PsРjС- 10 РjРi
PsP»P°PSP·P°РiC-PSCГ CГ РiСҗРsС†РµСГC- РiPsP·PёC,СҗРsPSPSPs-РµРjС-CГC-Р№PSPsC—
C,РsРjPsРiСҗР°C,,C-C— (РµP·РӢ) P·P° CГC†P°CГC,C- P·РrPsСҗРsPIPёC...
РrPsР±СҗРsPIPsP»СҖC†C-PI P·Бҗ™ CЦCГPsPIP°PSPs, C%Ps PsP»P°PSP·P°РiC-PS РjР°PI
Р±C-Р»СҖCёРёР№ СҗС-PIРµPSCҖ Р·PIБҗ™ CЦP·CГPIP°PSPSCЦ P· СҗРµС†РµРiС,РsСҗР°РjРё
5РќРӢ2Рҗ, PSC-Р¶ P· РrPsРiР°РjС-PSPsPIPёРjРё СҗРµС†РµРiС,РsСҗР°РjРё D2. РҗСҗС-Рj
C,РsРiPs, CГ СҗРµP·CГP»СҖC,Р°C,C- P°PSP°P»C-Р·CГ P·PsР±СҗР°P¶РµPSCҖ,
PsC,СҗРёРjР°PSPёC... РiС-Рr C†P°CГ РrPsСГР»C-РrP¶РµPSCҖ РiР°C†C-C”PSC,C-PI,
C...PIPsСҗРёC... PSP° CёРёP·PsC,,СҗРµPSC-СҖ РjРµC,РsРrPsРj PsРrPSPsC,,PsC,РsPSPSPsC—
РµРjС-CГC-Р№PSPsC— PePsРjРiБҗ™ СҖC,РµСҗPSPsC— C,РsРjPsРiСҗР°C,,C-C— (РҗP·Р·РӢ),
P·Бҗ™ CЦCГCГPIP°P»PsCГCЦ, C%Ps PsP»P°PSP·P°РiC-PSC†CГC,P»РёPIC- РiР°C†C-C”PSC,Рё
PIPёCЦPIP»CЦP»Pё РjРµPSCёРёР№ СҗС-PIРµPSCҖ Р·PIБҗ™ CЦP·CГPIP°PSPSCЦ P·C-
CГC,СҗС-Р°СҗPSPёРjРё D2-СҗРµС†РµРiС,РsСҗР°РjРё, PSC-Р¶ C-PSCёC-
P°PSC,РёРiСГРёC...PsC,РёPe- C,Р° СҗРµCГРiС-СҗРёРrPsPSC†CГC,P»РёPIC- РiР°C†C-C”PSC,Рё,
РiPsСҗС-PIPSЦPSРs Р· PeP»PsP·P°РiC-PSC†CГC,P»РёPIPSРёРjРё РiР°C†C-C”PSC,Р°РjРё.

РҗP»C-PSC-C†PSP° РµC,,РµPeC,РёPIPS-СГC,СҖ

РµC-Рr C†P°CГ РrPIPsC... C-Р· РrPIPsC... РiP»P°C†РµР±Ps-PePsPSC,СҗРsP»СҖPsPIP°PSPёC... C-
РrPIPsC... C-Р· C,СҗСҖPsC... РiPsСҗС-PIPSЦP»СҖPSPs-PePsPSC,СҗРsP»СҖPsPIP°PSPёC...
РrPsСГР»C-РrP¶РµPSCҖ Р·P° CГC†P°CГC,C- РiPsPSP°Рr 2900 C...PIPsСҗРёC... PSP°
CёРёP·PsC,,СҗРµPSC-СҖ Р· РiPsP·PёC,РёPIPSРёРjРё C- PSPµРiР°C,РёPIPSРёРjРё

C,P° P»C-C,C-C" Pj C- P·PiPsPrPsPj P±CfP»Pë CḡP°PSPrPsPjC-P·PsPIP°PSC- Cf PiCḡCfPiPë
PiCḡPëPNëPsPjCf PsP»P°PSP·P°PiC-PSCf P°P±Ps P»C-C,C-Cḡ PsPeCḡPμPjPs, PsP»P°PSP·P°PiC-PS
PSPμ PjP°PI CḡC,P°C,PëCḡC,PëC±PSPs P·PSP°C±CfC%PsC— PiPμCḡPμPIP°PiPë PSP°Pr
P»C-C,C-C" Pj Cf PeC-PSCfPμPIC-PNë C,PsC±CfC- PeCḡPëC,PμCḡC-Cḡ PsCfC-PSPePë
CḡPμCfPëPrPëPICf P±C-PiPsP»CḡCḡPSPsPiPs CḡPsP·P»P°PrCf (PsP»P°PSP·P°PiC-PS 30 %,
P»C-C,C-PNë 38,3 %, Cḡ = 0,055).

PJ PiCḡPsCfPμCḡC- 18-PjC-CḡCḡC±PSPsPiPs PrPsCfP»C-PrPμPμPSPSCḡ PiC-Pr C±P°Cḡ
CḡCfPiCfC,PSCHPsPiPs P»C-PeCfPIP°PSPSCḡ PjP°PSC-P°PeP°P»CHPSPëC... P°P±Ps
P·PjC-CëP°PSPëC... PμPiC-P·PsPrC-PI CḡC,P°PS PiP°CfC-C" PSC,C-PI
CḡC,P°P±C-P»C-P·CfPIP°P»Pë P·P° PrPsPiPsPjPsPiPsCḡ PsP»P°PSP·P°PiC-PSCf, CḡPe
CḡC,P°P±C-P»C-P·P°C,PsCḡ PSP°CḡC,CḡPsCḡ P·P°CḡC,PsCḡPsPICfPIP°P»Pë P»C-C,C-PNë
P°P±Ps PIP°P»CHPiCḡPsP°C,, PrPsPIPiPsC,CḡPëPIP°P»Pμ CḡCfPiCfC,PSC"
P»C-PeCfPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSPsPj P· P»C-C,C-C" Pj P°P±Ps
PIP°P»CHPiCḡPsP°C,PsPj PSPμ PICḡC,P°PSPsPIPëP»Ps CḡC,P°C,PëCḡC,PëC±PSPs
P·PSP°C±CfC%PsC— PiPμCḡPμPIP°PiPë PSP°Pr PjPsPSPsC,PμCḡP°PiC-C" Cḡ P»C-C,C-C" Pj
P°P±Ps PIP°P»CHPiCḡPsP°C,PsPj C- PIC-PrCḡC,CḡPsC±PμPSPSCḡ CḡPμCfPëPrPëPIC-PI
P±C-PiPsP»CḡCḡPSPëC... CḡPsP·P»P°PrC-PI, PIPëP·PSP°C±PμPSPëC... PIC-PrPiPsPIC-PrPSPs
PrPs CḡPëPSPrCḡPsPjPSPsPiPs (PrC-P°PiPSPsCḡC,PëC±PSPsPiPs) PeCḡPëC,PμCḡC-Cḡ.

P"C-C,Pë

P"PsCḡPIC-Pr P·P°CḡC,PsCḡCfPIP°PSPSCḡ P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cf
PiC-PrP»C-C,PeP°Pj (PIC-PePsPj PIC-Pr 13 PrPs 17 CḡPsPeC-PI) PsP±PjPμPμPSPëPNë
PIC-PrPiPsPIC-PrPSPs PrPs PsC,CḡPëPjP°PSPëC... PrP°PSPëC... C%PsPrPs
PμC,,PμPeC,PëPIPSsCḡC,C- PePsCḡPsC,PePsC,CḡPëPIP°P»PsPiPs P»C-PeCfPIP°PSPSCḡ
CëPëP·PsC,,CḡPμPSC-C— (6 C,PëPμPSC-PI) C,P° PjP°PSC-C—, PiPsPiBḡ™ CḡP·P°PSPsC— P·
P±C-PiPsP»CḡCḡPSPëPjPë CḡPsP·P»P°PrP°PjPë (3 C,PëPμPSC-), P·P° CfC±P°CḡC,C- PjPμPSCë
PSC-Pμ 200 PiC-PrP»C-C,PeC-PI. PμPsC±P°C,PePsPIP° PrPsP·P° PsP»P°PSP·P°PiC-PSCf
CḡC,P°PSPsPIPëP»P° 2,5 PjPi C,P° PrPsCḡCḡPiP°P»P° 20 PjPi PSP° PrPsP±Cf. PμC-Pr C±P°Cḡ
P»C-PeCfPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSPsPj PjP°CḡP° C,C-P»P° Cf PiC-PrP»C-C,PeC-PI
P·PSP°C±PSPs P·P±C-P»CHCëPëP»P°CḡCḡ PiPsCḡC-PIPSCḡPSPs P· PrPsCḡPsCḡP»PëPjPë. PJ
PiC-PrP»C-C,PeC-PI CḡPiPsCḡC,PμCḡC-PiP°P»PsCḡCḡ PiC-PrPIPëC%PμPSPSCḡ CḡC-PIPSCḡ
P·P°PiP°P»CHPSPsPiPs C...PsP»PμCḡC,PμCḡPëPSCf, C...PsP»PμCḡC,PμCḡPëPSCf
P»C-PiPsPiCḡPsC,PμC—PSC-PI PSPëP·CHPePsC— C%C-P»CHPSPsCḡC,C-,
C,CḡPëPiP»C-CfPμCḡPëPrC-PI C,P° PiCḡPsP»P°PeC,PëPSCf PiPsCḡC-PIPSCḡPSPs P·
PrPsCḡPsCḡP»PëPjPë. P"°PSC- C%PsPrPs PiC-PrC,CḡPëPjP°PSPSCḡ PμC,,PμPeC,Cf
P»C-PeCfPIP°PSPSCḡ C,P° PrPsPIPiPsC,CḡPëPIP°P»PëC... PrPsCḡP»C-PrPμPμPSCH,
PsPrPμCḡPμP°PSC- P· PIC-PrPeCḡPëC,PëC... PSPμPePsPSC,CḡPsP»CHPsPIP°PSPëC...
PeP»C-PSC-C±PSPëC... PrPsCḡP»C-PrPμPμPSCH, PsP±PjPμPμPSC-.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PhP»P°PSP·P°PiC-PS Cf C,,PsCḡPjC- C,P°P±P»PμC,PsPe, C%Ps PrPëCḡPiPμCḡPiCfCḡC,CHCḡCḡ
Cf CḡPsC,PsPIC-PNë PiPsCḡPsPμPSPëPSC-, P±C-PsPμPePIC-PIP°P»PμPSC,PSPëPNë C%PsPrPs
PsP»P°PSP·P°PiC-PSCf Cf C,,PsCḡPjC- C,P°P±P»PμC,PsPe, PIPeCḡPëC,PëC...
PsP±PsP»PsPSPePsCḡ, CḡPeC- PrPμPjPsPSCḡC,CḡCfCḡC,CH CḡC...PsPμCf
CëPIPëPrPeC-CḡC,CH C,P° CḡC,CfPiC-PSCḡ P°P±CḡPsCḡP±CfC-C—. PhP»P°PSP·P°PiC-PS Cf
C,,PsCḡPjC- C,P°P±P»PμC,PsPe, C%Ps PrPëCḡPiPμCḡPiCfCḡC,CHCḡCḡ Cf CḡPsC,PsPIC-PNë
PiPsCḡPsPμPSPëPSC-, PjPsPμPμ P·P°CḡC,PsCḡPsPICfPIP°C,PëCḡCḡ CḡPe
P°P»CHC,PμCḡPSP°C,PëPIP° PsP»P°PSP·P°PiC-PSCf Cf C,,PsCḡPjC- C,P°P±P»PμC,PsPe,
PIPeCḡPëC,PëC... PsP±PsP»PsPSPePsCḡ.

PħP±CÍPsCĤP±C†C-CĬ

PµCĤPµPĭP°CĤP°C, PrPsP±CĤPµ PICÍPjPsPeC,CrC"C,CHCÍCĬ PĭC-CÍP»CĬ
PĭPµCĤPsCĤP°P»CHΨSPsPiPs PĭCĤPĕPNsPjCr, PNsPiPs PjP°PeCÍPĕPjP°P»CHΨSP°
PePsPSC†PµPSC,CĤP°C†C-CĬ (C_{max}) Cr PĭP»P°P·PjC- PeCĤPsPIC- PrPsCÍCĬPĭP°C"C,CHCÍCĬ
C†PµCĤPµP· 5-8 PiPsPrPĕPS. P'P¶PĕPIP°PSPSCĬ C-P¶C- PSPµ PĭPĭP»PĕPIP°C" PSP°
PICÍPjPsPeC,CrPĭP°PSPSCĬ PsP»P°PSP·P°PĭC-PSCr. PħP±CÍPsP»CĤC,PSP°
P±C-PsPrPsCÍC,CrPĭPSC-CÍC,CH PĭPµCĤPsCĤP°P»CHΨSPsC— C„PsCĤPjPĕ PĭCĤPĕPNsPjCr
PsP»P°PSP·P°PĭC-PSCr PĭPsCĤC-PIPSCĬPSPs P· PIPSCrC,CĤC-CĕPSCĤPsPIPµPSPSPsCĤ PSPµ
PICÍC,P°PSPsPIP»PµPSP°.

P PsP·PĭPsPrC-P»

P C-PIPµPSCĤ P·PIBĤ™ CĬP·CrPĭP°PSPSCĬ PsP»P°PSP·P°PĭC-PSCr P· PĭCĤPsC,PµC—PSP°PjPĕ
PĭP»P°P·PjPĕ PeCĤPsPIC- CÍC,P°PSPsPIPĕPI PĭCĤPĕP±P»PĕP·PSPs 93 % PrP»CĬ
PePsPSC†PµPSC,CĤP°C†C-C— Cr PjPµP¶P°C... PIC-Pr 7 PrPs 1000 PSPi/PjP». PħP»P°PSP·P°PĭC-PS
P·PIBĤ™ CĬP·CrC"C,CHCÍCĬ PĭPµCĤPµPIP°P¶PSPs P· P°P»CHP±C†PjC-PSPsPj C- α1-
PePĕCÍP»PĕPj PĭP»C-PePsPĭCĤPsC,PµC—PSPsPj.

P'C-PsC,CĤP°PSCÍC„PsCĤPjP°C†C-CĬ

PħP»P°PSP·P°PĭC-PS PjPµC,P°P±PsP»C·P·CrC"C,CHCÍCĬ Cr PĭPµC†C-PSC†C- CĕP»CĬC...PsPj
PePsPSBĤ™ CĤPĭP°C†C-C— C,P° PsPePĕCÍPSPµPSPSCĬ. PħCÍPSPsPIPSPĕPj
PjPµC,P°P±PsP»C-C,PsPj, C%oPs C†PĕCĤPeCrP»CĤC", C" 10-N-PiP»CĤPeCrCĤPsPSC-Pr,
CĬPePĕPNs PSPµ PĭCĤPsC...PsPrPĕC,CH PeCĤC-P·CH PĭPµPjP°C,PsPµPSC†PµC„P°P»C-C†PSPĕPNs
P±P°CĤBĤ™ C"CĤ. PĭPĕC,PsC...CĤPsPjPĕ P450-CYP1A2 C- P450-CYP2D6 CÍPĭCĤPĕCĬCĤC,CH
C„PsCĤPjCrPĭP°PSPSCĤ PjPµC,P°P±PsP»C-C,C-PI N-PrPµP·PjPµC,PĕP»Cr C- 2-
PiC-PrCĤPsPeCÍPĕPjPµC,PĕP»Cr, CĬPeC- PĭCĤPsCĬPIP»CĬCĤC,CH P·PSP°C†PSPs PjPµPSCĕCr
C„P°CĤPjP°PePsP»PsPiC-C†PSCr P°PeC,PĕPIPSC-CÍC,CH *in vivo*, PSC-P¶ PsP»P°PSP·P°PĭC-PS,
Cr PĭCĤPsC†PµCÍC- PrPsCÍP»C-PrP¶PµPSCĤ PSP° C,PIP°CĤPĕPSP°C....
PµPµCĤPµPIP°P¶P°CĤC†P° C„P°CĤPjP°PePsP»PsPiC-C†PSP° P°PeC,PĕPIPSC-CÍC,CH
P·CrPjPsPIP»PµPSP° PĭPµCĤPIPĕPSPSPĕPj PsP»P°PSP·P°PĭC-PSPsPj.

P'PĕPIPµPrPµPSPSCĬ

PµC-CÍP»CĬ PĭPµCĤPsCĤP°P»CHΨSPsPiPs P·P°CÍC,PsCÍCrPĭP°PSPSCĬ CÍPµCĤPµPrPSC-PNs
PĭPµCĤC-PsPr PSP°PĭC-PIIPĕPIPµPrPµPSPSCĬ PsP»P°PSP·P°PĭC-PSCr Cr
PrPsP±CĤPsPIPsP»CHC†C-PI PePsP»PĕPIP°PICÍCĬ P·P°P»PµP¶PSPs PIC-Pr PIC-PeCr C,P°
CÍC,P°C,C-.

Pj P·PrPsCĤPsPIPĕC... PrPsP±CĤPsPIPsP»CHC†C-PI P»C-C,PSCHPsPiPs PIC-PeCr (PIC-PePsPj
PIC-Pr 65 CĤPsPeC-PI) PĭPsCĤC-PIPSCĬPSPs P· PjPsP»PsPrCĕPĕPjPĕ P·P° PIC-PePsPj
PrPsP±CĤPsPIPsP»CHC†CĬPjPĕ CÍPµCĤPµPrPSC-PNs PĭPµCĤC-PsPr
PSP°PĭC-PIIPĕPIPµPrPµPSPSCĬ P±CrPI C,CĤPĕPIP°P»C-CĕPĕPNs (51,8 PĭCĤPsC,Pĕ 33,8
PiPsPrPĕPSPĕ), PeP»C-CĤPµPSCÍ Cr PĭP»P°P·PjC- PeCĤPsPIC- P±CrPI P·PSPĕP¶PµPSPĕPNs (17,5
PĭCĤPsC,Pĕ 18,2 P»/PiPsPr PIC-PrPĭPsPIC-PrPSPs). PαP°CĤPjP°PePsPeC-PSPµC,PĕC†PSC-
PePsP»PĕPIP°PSPSCĬ, C%oPs CÍPĭPsCÍC,PµCĤC-PiP°P»PĕCÍCĬ Cr PrPsP±CĤPsPIPsP»CHC†C-PI
P»C-C,PSCHPsPiPs PIC-PeCr, P·PSP°C...PsPrCĬC,CHCÍCĬ Cr PjPµP¶P°C... PrC-P°PĭP°P·PsPSCr
PrP»CĬ PjPsP»PsPrCĕPĕC... PrPsP±CĤPsPIPsP»CHC†C-PI. Pj 44 C...PIPsCĤPĕC... PSP°
CĕPĕP·PsC„CĤPµPSC-CĤ PIC-PePsPj PIC-Pr 65 CĤPsPeC-PI PrPsP·CrPĭP°PSPSCĬ PIC-Pr 5 PrPs
20 PjPi PSP° PrPsP±Cr PSPµ P±CrP»Ps PĭPsPIBĤ™ CĬP·P°PSPs P· P¶PsPrPSPĕPj
C...P°CĤP°PeC,PµCĤPSPĕPj PĭCĤPsC„C-P»PµPj PĭPsP±C-C†PSPĕC... CĤPµP°PeC†C-PNs.

PJ P¶C-PSPsPe P¶PsC¶C-PIPS¶PSPs P· C¶PsP»PsPIC-PeP°PjPë C¶PµC¶PµPrPSC-PNë
P¶PµC¶C-PsPr PSP°P¶C-PIPIP¶PIPµPrPµPSPSC¶ P±C¶PI C,C¶P¶PIP°P»C-C¶P¶PNë (36,7
P¶C¶PsC,Pë 32,3 P¶PsPrP¶PSPë) C,P° PeP»C-C¶PµPSC¶ C¶ P¶P»P°P·PjC- PeC¶PsPIC- P±C¶PI
P·PSP¶P¶PµPSP¶PNë (18,9 P¶C¶PsC,Pë 27,3 P»/P¶PsPr). PhPrPSP°Pe PsP»P°PSP·P°P¶C-PS (5-20
PjPi) P¶PsPeP°P·P°PI P¶PsC¶C-PIPS¶PSPSP¶PNë P¶C¶PsC,,C-P»CH P±PµP·P¶PµPePë C¶Pe C¶
P¶C-PSPsPe (n = 467), C,P°Pe C- C¶ C¶PsP»PsPIC-PeC-PI (n = 869).

PµP°C¶C-C°PSC,Pë P· PSPëC¶PePsPIPsC¶ PSPµPrPsC¶C,P°C,PSC-C¶C,C¶

PJ P¶P°C¶C-C°PSC,C-PI P· PSPëC¶PePsPIPsC¶ PSPµPrPsC¶C,P°C,PSC-C¶C,C¶ (PeP»C-C¶PµPSC¶
PeC¶PµP°C,PëPSC-PSC¶ < 10 PjP»/C...PI) P¶PsC¶C-PIPS¶PSPs P·C- P·PrPsC¶PsPIP¶PjPë
PrPsP±C¶PsPIPsP»CHC¶C¶PjPë PSPµ P±C¶P»Ps C-C¶C,PsC,PSPsC— C¶C-P·PSPëC¶C- C¶
P¶PsPeP°P·PSPëPeP°C... C¶PµC¶PµPrPSC¶PsPiPs P¶PµC¶C-PsPrC¶
PSP°P¶C-PIPIP¶PIPµPrPµPSPSC¶ (37,7 P¶C¶PsC,Pë 32,4 P¶PsPrP¶PSPë) P°P±Ps
PeP»C-C¶PµPSC¶C¶ C¶ P¶P»P°P·PjC- PeC¶PsPIC- (21,2 P¶C¶PsC,Pë 25,0 P»/P¶PsPr).
P°PSC¶P»C-PrP¶PµPSPSC¶ P¶PsPeP°P·P°P»Pë, C°Ps P¶C¶P¶P±P»Pë·PSPs 57 %
PsP»P°PSP·P°P¶C-PSC¶ P· C¶P°PrC-PsP°PeC,PëPIPSsC¶ PjC-C,PePsC¶ PSP°C¶PIPS¶C- PI
C¶PµC¶C-, P¶PsP»PsPIPS¶Pj C¶PëPSPsPj C¶ PIPëPiP»C¶PrC- PjPµC,P°P±PsP»C-C,C-PI.

PµPsC¶C¶C¶PµPSPSC¶ C,,C°PSPeC¶C-C— P¶PµC¶C-PSPePë

PJ P¶C¶PsC¶PµC¶C- PSPµPIPµP»PëPePsPiPs PrPsC¶P»C-PrP¶PµPSPSC¶ PIP¶P»PëPIC¶
P¶PsC¶C¶C¶PµPSPSC¶ C,,C¶PSPeC¶C-C— P¶PµC¶C-PSPePë C¶ 6 P¶P°C¶C-C°PSC,C-PI C-P·
PeP»C-PSC-C¶PSPs P·PSP°C¶C¶C°PëPj (PeP»P°C¶PëC,,C-PeP°C¶C-C¶ P¶P°PNëP»PrP°-PµB¶™ C¶
A (n = 5) C- B (n = 1)) C¶PëC¶PsP·PsPj PIPëC¶PIP»PµPSPs PSPµP·PSP°C¶PSPëPNë PIP¶P»PëPI
PSP° C,,P°C¶PjP°PePsPeC-PSPµC,PëPeC¶ P¶PµC¶PsC¶P°P»CHPSPsPiPs PsP»P°PSP·P°P¶C-PSC¶
(2,5B¶"7,5 PjPi), C¶P°P·PsPIP° PrPsP·P°): P¶P°C¶C-C°PSC,Pë P· P»PµPiPePsC¶ C,P°
P¶PsPjC-C¶PSPsC¶ PrPëC¶C,,C¶PSPeC¶C-C°C¶ P¶PµC¶C-PSPePë PjP°P»Pë PrPµC°Ps
P¶C-PrPIPëC°PµPSPëPNë C¶PëC¶C,PµPjPSPëPNë PeP»C-C¶PµPSC¶ C- C¶PIPëPrC¶PëPNë
P¶PµC¶C-PsPr PSP°P¶C-PIPIP¶PIPµPrPµPSPSC¶ P¶PsC¶C-PIPS¶PSPs P· P¶P°C¶C-C°PSC,P°PjPë
P±PµP· P¶PµC¶C-PSPePsPIPsC— PrPëC¶C,,C¶PSPeC¶C-C— (n = 3). P¶PµC¶PµPr
P¶P°C¶C-C°PSC,C-PI C-P· C¶PëC¶PsP·PsPj P±C¶P»Ps P±C-P»CHC¶Pµ PeC¶C¶C¶C-PI (4/6; 67 %),
PSC-P¶ C¶PµC¶PµPr P¶P°C¶C-C°PSC,C-PI P±PµP· P¶PsC¶C¶C¶PµPSPSC¶ C,,C¶PSPeC¶C-C—
P¶PµC¶C-PSPePë (0/3; 0 %).

PµP°C¶C-C°PSC,Pë, C¶PeC- P¶P°P»C¶C,C¶

PJ PSPµPeC¶C¶C¶C-PI P¶PsC¶C-PIPS¶PSPs P· PeC¶C¶C¶C¶PjPë (C¶PsP»PsPIC-PePë C,P°
P¶C-PSPePë) C¶PµC¶PµPrPSC-PNë P¶PµC¶C-PsPr PSP°P¶C-PIPIP¶PIPµPrPµPSPSC¶ P±C¶PI
C,C¶P¶PIP°P»C-C¶P¶PNë (38,6 P¶C¶PsC,Pë 30,4 P¶PsPrP¶PSPë), P° PeP»C-C¶PµPSC¶ C¶
P¶P»P°P·PjC- PeC¶PsPIC- P±C¶PI P·PSP¶P¶PµPSP¶PNë (18,6 P¶C¶PsC,Pë B B B B 27,7 P»/P¶PsPr).

P¶P»C-C¶PµPSC¶ PsP»P°PSP·P°P¶C-PSC¶ C¶ P¶P»P°P·PjC- PeC¶PsPIC- PSPëP¶C¶PëPNë C¶
P¶P°C¶C-C°PSC,C-PI P»C-C,PSC¶PsPiPs PIC-PeC¶ P¶PsC¶C-PIPS¶PSPs P· PjPsP»PsPrC¶PëPjPë
P¶P°C¶C-C°PSC,P°PjPë, C¶ P¶C-PSPsPe P¶PsC¶C-PIPS¶PSPs P· C¶PsP»PsPIC-PeP°PjPë C,P° C¶
PSPµPeC¶C¶C¶C-PI P¶PsC¶C-PIPS¶PSPs P· PeC¶C¶C¶C¶PjPë. P¶ PIC¶Pµ P¶ C,P°PeC-
C,,P°PeC,PsC¶Pë C¶Pe PIC-Pe, C¶C,P°C,CH C,P° P¶P°P»C-PSPSC¶ PjP°P»Ps PjPsP¶C¶C,CH
PIP¶P»PëPIP°C,Pë PSP° PeP»C-C¶PµPSC¶ PsP»P°PSP·P°P¶C-PSC¶ C¶ P¶P»P°P·PjC- PeC¶PsPIC-
C,P° P¶PµC¶C-PsPr PSP°P¶C-PIPIP¶PIPµPrPµPSPSC¶ P¶PsC¶C-PIPS¶PSPs C-P·
P·P°PiP°P»CHPSPsC¶ PjC-PSP»PëPIC-C¶C,C¶ PjC-P¶ C-PSP¶PëPIC-PrC¶C¶PjP°PjPë.

PJ P¶C¶PsC¶PµC¶C- PrPsC¶P»C-PrP¶PµPSC¶ P· C¶C¶P°C¶C,C¶ P¶P°C¶C-C°PSC,C-PI-

C"PICḡPsPīPμPNεC†C-PI, PīP°C†C-C"PSC,C-PI C‡PīPsPSC†ḤPePsC— C,P°
PePëC,P°PNεC†ḤPePsC— PSP°C†C-PsPSP°P»ḤPSPsC†C,PμPNε PIC-PrPjC-PSPSPsC†C,PμPNε C†
C,,P°CḡPjP°PePsPeC-PSPμC,PëC†C- PsP»P°PSP·P°PīC-PSC† PSPμ PIPëC‡PIP»PμPSPs.

PμC-PrP»C-C,PePë C- PrPsCḡPsC†P»C-

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP° PsP»P°PSP·P°PīC-PSC† C† PīC-PrP»C-C,PeC-PI C-
PrPsCḡPsC†P»PëC... PīPsPrC-P±PSP°. PJ PīCḡPsC†PμC†C- PeP»C-PSC-C‡PSPëC...
PrPsC†P»C-PrP¶PμPSCḤ C†PμCḡPμPrPSC-PNε PIPīP»PëPI PsP»P°PSP·P°PīC-PSC† P±C†PI
PīCḡPëP±P»PëP·PSPs PSP° 27 % PIPëC‰PëPNε C† PīC-PrP»C-C,PeC-PI, PSC-P¶ C†
PrPsCḡPsC†P»PëC... PīP°C†C-C"PSC,C-PI. P" PμPjPsPīCḡP°C,,C-C‡PSC- PIC-PrPjC-PSPSPsC†C,C-
PjC-P¶ PīC-PrP»C-C,PeP°PjPë C- PrPsCḡPsC†P»PëPjPë PIPeP»CḤC‡P°CḤC,Ḥ PSPëP¶C‡C†
C†PμCḡPμPrPSCḤ PjP°C†C† C,C-P»P° C,P° PjPμPSC€C† PeC-P»ḤPeC-C†C,Ḥ PeC†CḡC†C-PI
C†PμCḡPμPr PīP°C†C-C"PSC,C-PI PīC-PrP»C-C,PePsPIPsiPiPs PIC-PeC†. PŷP°PeC-
C,,P°PeC,PsCḡPë, C-PjPsPIC-CḡPSPs, PIPīP»PëPIP°CḤC,Ḥ PSP° PIPëC‰PëPNε
C†PμCḡPμPrPSC-PNε PμC,,PμPeC, PsP»P°PSP·P°PīC-PSC†, C‰Ps C†PīPsC†C,PμCḡC-PiP°PIC†C‡
C† PīC-PrP»C-C,PeC-PI.

Pl̥P»C-PSC-C‡PSC- C...P°CḡP°PeC,PμCḡPëC†C,PëPePë.

PμPsPeP°P·P°PSPSC‡.

PhP»P°PSP·P°PīC-PS PīPsPeP°P·P°PSPëPNε PrP»C‡ P»C-PeC†PIP°PSPSC‡
C€PëP·PsC,,CḡPμPSC-C—.

PhP»P°PSP·P°PīC-PS PμC,,PμPeC,PëPIPSPëPNε PrP»C‡ PīC-PrC,CḡPëPjP°PSPSC‡
PrPsC†C‡PIPSC†C,PsPiPs PeP»C-PSC-C‡PSPsPiPs PμC,,PμPeC,C† PīC-Pr C‡P°C†
C,CḡPëPIP°P»PsC— C,PμCḡP°PīC-C— C† PīP°C†C-C"PSC,C-PI, C† C‡PePëC...
C†PīPsC†C,PμCḡC-PiP°P»P°C†C‡ PIC-PrPīPsPIC-PrḤ PSP° PīPsC‡P°C,PePsPIC†
C,PμCḡP°PīC-CḤ.

PhP»P°PSP·P°PīC-PS PīPsPeP°P·P°PSPëPNε PrP»C‡ P»C-PeC†PIP°PSPSC‡
PjP°PSC-P°PeP°P»ḤPSPëC... PμPīC-P·PsPrC-PI PīPsPjC-CḡPSPsPiPs C,P° C,C‡P¶PePsPiPs
C†C,C†PīPμPSC‡.

PhP»P°PSP·P°PīC-PS PīPsPeP°P·P°PSPëPNε PrP»C‡ PīCḡPsC,,C-P»P°PeC,PëPePë
PīPsPIC,PsCḡPSPëC... PSP°PīP°PrC-PI C† PīP°C†C-C"PSC,C-PI P· P±C-PīPsP»C‡CḡPSPëPjPë
CḡPsP·P»P°PrP°PjPë, C† C‡PePëC... P±C†P»Ps PsC,CḡPëPjP°PSPs PīPsP·PëC,PëPIPSC†
PIC-PrPīPsPIC-PrḤ PīCḡPë P»C-PeC†PIP°PSPSC- PsP»P°PSP·P°PīC-PSPsPj PjP°PSC-C—.

PμCḡPsC,PëPīPsPeP°P·P°PSPSC‡.

PμC-PrPIPëC‰PμPSP° C‡C†C,P»PëPIC-C†C,Ḥ PrPs PrC-CḤC‡PsC— CḡPμC‡PsPIPëPSPë P°P±Ps
PrPs PrPsPīPsPjC-P¶PSPëC... PePsPjPīPsPSPμPSC,C-PI PīCḡPμPīP°CḡP°C,C†; PIC-PrPsPjPëPNε
CḡPëP·PëPe P·P°PeCḡPëC,PsPeC†C,PsPIPsC— PiP»P°C†PePsPjPë.

P'P·P°C"PjPsPrC-C‡ P· C-PSC€PëPjPë P»C-PeP°CḡC†ḤPePëPjPë P·P°C†PsP±P°PjPë C,P°

C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PN.

P"PsCÍP»C-PrP¶PµPSPSC¶ PIP·P°C" PjPsPrC-C— P· C-PSC€PëPjPë P»C-PeP°C¶CÍCHPePëPjPë
P·P°CÍPsP±P°PjPë PíC¶PsPIPsPrPëP»Pë C,C-P»CHPePë P· CÍC±P°CÍC,C¶ PrPsC¶PsCÍP»PëC....

P'P·P°C" PjPsPrC-C—, C%Ps PjP°C¶C,CH PíPsC,PµPSC†C-PN,PSPëPN PIPiP»PëPI PSP°
PsP»P°PSP·P°PíC-PS

P¶CÍPeC-P»CHPePë PsP»P°PSP·P°PíC-PS PjPµC,P°P±PsP»C-P·CÍC"C,CHCÍC¶
C-P·PsC,,PµC¶PjPµPSC,PsPj CYP1A2, C¶PµC±PsPIPëPSPë, C¶PeC- CÍPiPµC†PëC,,C-C±PSPs
C-PSPrCÍPeCÍC¶C,CHCÍC¶ P°P±Ps C-PSPiC-P±CÍC¶C,CHCÍC¶ C†PëPj
C-P·PsC,,PµC¶PjPµPSC,PsPj, PjPsP¶CÍC,CH PIPiP»PëPIP°C,Pë PSP°
C,,P°C¶PjP°PePsPeC-PSPµC,PëPeCÍ PsP»P°PSP·P°PíC-PSCÍ.

P†PSPrCÍPeC,PsC¶Pë CYP1A2

P¶PµC,P°P±PsP»C-P·Pj PsP»P°PSP·P°PíC-PSCÍ PjPsP¶Pµ P±CÍC,Pë C-PSPrCÍPePsPIP°PSPëPN
PíP°P»C-PSPSC¶Pj C,P° P·P°CÍC,PsCÍCÍPIP°PSPSC¶Pj PeP°C¶P±P°PjP°P·PµPíC-PSCÍ,
C¶PePëPN PíC¶PëP·PIPsPrPëC,CH PrPs P·PSPëP¶PµPSPSC¶ PePsPSC†PµPSC,C¶P°C†C-C—
PsP»P°PSP·P°PíC-PSCÍ. P¶PiPsCÍC,PµC¶C-PiP°P»PsCÍC¶ CÍP»P°P±PePµ P°P±Ps
PíPsPjC-C¶PSPµ PíC-PrPIPëC%PµPSPSC¶ PeP»C-C¶PµPSCÍCÍ PsP»P°PSP·P°PíC-PSCÍ.
P¶P»C-PSC-C±PSC- PIPëCÍPSPsPIPePë PsP±PjPµP¶PµPSC-, P°P»Pµ
C¶PµPePsPjPµPSPrCÍC"C,CHCÍC¶ PeP»C-PSC-C±PSPëPN PjPsPSC-C,PsC¶PëPSPi C,P°,
C¶PeC%Ps PSPµPsP±C...C-PrPSPs, P·P±C-P»CHC¶PµPSPSC¶ PrPsP·Pë PsP»P°PSP·P°PíC-PSCÍ.

P†PSPiC-P±C-C,PsC¶Pë CYP1A2

P¶P»CÍPsPeCÍP°PjC-PS, CÍPiPµC†PëC,,C-C±PSPëPN C-PSPiC-P±C-C,PsC¶ CYP1A2,
C-CÍC,PsC,PSPs P·PSPëP¶CÍC" PjPµC,P°P±PsP»C-P·Pj PsP»P°PSP·P°PíC-PSCÍ. PjPµ
PíC¶PëP·PIPsPrPëC,CH PrPs CÍPµC¶PµPrPSC¶PsPiPs P·C¶PsCÍC,P°PSPSC¶ P¶max
PíC-CÍP»C¶ PíC¶PëPNPsPjCÍ C,,P»CÍPsPeCÍP°PjC-PSCÍ PSP° 54 % CÍ P¶C-PSPsPe, C¶PeC-
PSPµ PíP°P»C¶C,CH, C,P° PSP° 77 % CÍ C±PsP»PsPIC-PeC-PI, C¶PeC- PíP°P»C¶C,CH.
P¶PµC¶PµPrPSC" P·C¶PsCÍC,P°PSPSC¶ PíP»PsC%C- PíC-Pr
C,,P°C¶PjP°PePsPeC-PSPµC,PëC±PSPsC¶ PeC¶PëPIPsC¶ B«PePsPSC†PµPSC,C¶P°C†C-C¶-
C±P°CÍB» (AUC) PsP»P°PSP·P°PíC-PSCÍ CÍC,P°PSPsPIPëC,CH 52 % C,P° 108 %
PIC-PrPiPsPIC-PrPSPs. P"»C¶ PíP°C†C-C"PSC,C-PI, C¶PeC- P·P°CÍC,PsCÍPsPICÍC¶C,CH
C,,P»CÍPsPeCÍP°PjC-PS P°P±Ps P±CÍPrCH-C¶PeC- C-PSC€C- C-PSPiC-P±C-C,PsC¶Pë CYP1A2,
PSP°PíC¶PëPeP»P°Pr C†PëPíC¶PsC,,P»PsPeCÍP°C†PëPS, PíPsC,C¶C-P±PSPs
PíC¶PëP·PSP°C±P°C,Pë P·PSPëP¶PµPSC- PrPsP·Pë PsP»P°PSP·P°PíC-PSCÍ. P¶PµPsP±C...C-PrPSPs
C¶PsP·PiP»C¶PSCÍC,Pë PjPsP¶P»PëPIC-CÍC,CH P·PSPëP¶PµPSPSC¶ PrPsP·Pë
PsP»P°PSP·P°PíC-PSCÍ, C¶PeC%Ps C-PSC-C†C-PNPsPIP°PSPµ P»C-PeCÍPIP°PSPSC¶
C-PSPiC-P±C-C,PsC¶PsPj CYP1A2.

P—PjPµPSC€PµPSPSC¶ P±C-PsPrPsCÍC,CÍPiPSPsCÍC,C-

P—P°CÍC,PsCÍCÍPIP°PSPSC¶ P°PeC,PëPIPsPIP°PSPsPiPs PICÍPiC-P»P»C¶ P·PSPëP¶CÍPIP°P»Ps
PíPµC¶PsC¶P°P»CHPSCÍ P±C-PsPrPsCÍC,CÍPiPSC-CÍC,CH PíC¶PëPNPSC¶C,PsPiPs
PsP»P°PSP·P°PíC-PSCÍ PSP° 50-60 %, C,PsPjCÍ PNPsPiPs CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë
PíC¶PsC,C¶PiPsPj 2 PiPsPrPëPS PrPs PíC¶PëPNPsPjCÍ P°P±Ps C±PµC¶PµP· 2 PiPsPrPëPSPë
PíC-CÍP»C¶ PíC¶PëPNPsPjCÍ PsP»P°PSP·P°PíC-PSCÍ.

P¶P»CÍPsPeCÍPµC,PëPS (C-PSPiC-P±C-C,PsC¶ CYP2D6), PsPrPSPsC¶P°P·PsPIP° PrPsP·P°

P°PSC,P°C†PëPrC-PI, C%Ps PjC-C†C,C†C,CĤ P°P»CĤPjC-PSC-PM C,P° PjP°PiPSC-PM P°P±Ps C†PëPjPµC,PëPrPëPS, C-C†C,PsC,PSPs PSPµ PIPiP»PëPIP°P»Pë PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCr PsP»P°PSP·P°PiC-PSCr.

PĤPsP¶P»PëPIPëPM PIPiP»PëPI PsP»P°PSP·P°PiC-PSCr PSP° C-PSC€C- P»C-PeP°CĤC†CĤPeC-P·P°C†PsP±Pë

PĤP»P°PSP·P°PiC-PS PjPsP¶Pµ PïCĤPsC†PIP»C†C,Pë P°PSC,P°PiPsPSC-P·Pj PrPs PµC,,PµPeC,C-PI PïCĤC†PjPëC... C,P° PSPµPïCĤC†PjPëC... P°PiPsPSC-C†C,C-PI PrPsPiP°PjC-PSCr.

PĤP»P°PSP·P°PiC-PS PSPµ PïCĤPëPiPSC-C†CrPIP°PI PsC†PSPsPIPSC- C-P·PsC,,PµCĤPjPµPSC,Pë CYP 450 (PSP°PïCĤPëPeP»P°Pr, 1A2, 2D6, 2C9, 2C19, 3A4) *in vitro*. PÿP°PePëPj C†PëPSPsPj, PSPµ PsC†C-PeCrC”C,CĤC†C†C PSC-C†PePëC... PsC†PsP±P»PëPIPëC... PIP·P°C”PjPsPrC-PM, C%Ps PïC-PrC,PIPµCĤPrP¶PµPSPs Cr PrPsC†P»C-PrP¶PµPSPSC†C... *in vivo*, PrPµ PSPµ PIC-PrP·PSP°C†P°P»PsC†CĤ C-PSPiC-P±CrPIP°PSPSC†C PjPµC,P°P±PsP»C-P·PjCr PsP»P°PSP·P°PiC-PSCr PïCĤPë P·P°C†C,PsC†CrPIP°PSPSC- C,P°PePëC... P°PeC,PëIPSPëC... CĤPµC†PsPIPëPS: C,CĤPëC†PëPeP»C-C†PSC- P°PSC,PëPrPµPïCĤPµC†P°PSC,Pë (PiPsP»PsPIPSPëPj C†PëPSPsPj PïCĤPµPrC†C,P°PIP»PµPSC- C-P·PsC,,PµCĤPjPµPSC,PsPj CYP2D6), PIP°CĤC,,P°CĤPëPS (CYP2C9), C,PµPsC,,C-P»C-PS (CYP 1A2) P°P±Ps PrC-P°P·PµPiP°Pj (CYP 3PĤ4 C,P° 2Pÿ19).

PĶPµ P±CrP»Ps P·P°C,,C-PeC†PsPIP°PSPs PIP·P°C”PjPsPrC-C— PsP»P°PSP·P°PiC-PSCr P· P»C-C,C-C”Pj P°P±Ps P±C-PiPµCĤPëPrPµPSPsPj.

PÿPµCĤP°PiPµPIC,PëC†PSPëPM PjPsPSC-C,PsCĤPëPSPi CĤC-PIPSC†C PIP°P»CĤPïCĤPsP°C,Cr Cr PïP»P°P·PjC- PeCĤPsPIC- PSPµ PIPëC†PIPëPI PSPµPsP±C...C-PrPSPsC†C,C- PePsCĤPµPeC†C-C— PrPsP·Pë PIP°P»CĤPïCĤPsP°C,Cr PïCĤPë C†CrPïCrC,PSCHPsPjCr PïCĤPëP·PSP°C†PµPSPSC- P· PsP»P°PSP·P°PiC-PSPsPj.

P—P°PiP°P»CĤPSP° P°PeC,PëIPSC-C†C,CĤ C%PsPrPs C†PµPSC,CĤP°P»CĤPSPsC— PSPµCĤPIPsIPsC— C†PëC†C,PµPjPë (P|PĶPÿ)

P— PsP±PµCĤPµP¶PSC-C†C,CĤ C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë PsP»P°PSP·P°PiC-PS PïP°C†C-C”PSC,P°Pj, C†PeC- PïCĤPëPM PjP°CĤC,CĤ PµC,P°PSPsP» P°P±Ps P»C-PeP°CĤC†CĤPeC- P·P°C†PsP±Pë, C%Ps PjPsP¶C†C,CĤ C†PïCĤPëC†PëPSPëC,Pë PïCĤPëPiPSC-C†PµPSPSC†C P|PĶPÿ.

PÿCrPïCrC,PSC” P·P°C†C,PsC†CrPIP°PSPSC†C PsP»P°PSP·P°PiC-PSCr P· P°PSC,PëPiP°CĤPeC-PSC†PsPSC-C†PSPëPjPë PïCĤPµPiP°CĤP°C,P°PjPë PïP°C†C-C”PSC,P°Pj C-P· C...PIPsCĤPsP±PsCĤ PµP°CĤPeC-PSC†PsPSP° C,P° PrPµPjPµPSC†C-C”CĤ PSPµ CĤPµPePsPjPµPSPPrC†C”C,CĤC†C†C.

P†PSC,PµCĤPIP°P» QTC†

PÿP»C-Pr P· PsP±PµCĤPµP¶PSC-C†C,CĤ PïCĤPëP·PSP°C†P°C,Pë PsP»P°PSP·P°PiC-PS P· C-PSC€PëPjPë PïCĤPµPiP°CĤP°C,P°PjPë C-P· PIC-PrPsPjPëPj CĤPëP·PëPePsPj PïC-PrPIPëC%PµPSPSC†C C-PSC,PµCĤPIP°P»Cr QTC†.

PĤC†PsP±P»PëIPsC†C,C- P·P°C†C,PsC†C¿PIP°PSPSC†C.

PµC-Pr C†P°C† P°PSC,PëPïC†PëC...PsC,PëC†PSPsC— C,PµCĤP°PiC-C— PiPsP»C-PïC€PµPSPSC†C

PeP»C-PSC-C†PSPsPiPs CÍC,P°PSCÍ PİP°C†C-C°PSC,P° PjPsP¶Pµ C,CĤPëPIP°C,Pë PIC-Pr
PeC-P»CHPePsC... PrPSC-PI PrPs PeC-P»CHPePsC... C,PëP¶PSC-PI. PµCĤPsC,CİPiPsPj
C†CHPsPiPs PiPµCĤC-PsPrCÍ CÍP»C-Pr CĤPµC,PµP»CHPSPs CÍPiPsCÍC,PµCĤC-PiP°C,Pë P·P°
PİP°C†C-C°PSC,P°PjPë.

*PµCÍPëC...PsP· C,P° (P°P±Ps) CĤPsP·P»P°PrPë PiPsPIPµPrC-PSPePë, PiPsPI'CİP·P°PSC- P·
PrPµPjPµPSC†C-C°CĤ*

PĥP»P°PSP·P°PiC-PS PSPµ CĤPµPePsPjPµPSPPrCÍC°C,CHCÍCİ P·P°CÍC,PsCÍPsPICÍPIP°C,Pë
PİP°C†C-C°PSC,P°Pj P·C- CÍPëPjPiC,PsPjP°PjPë PiCÍPëC...PsP·CÍ C,P°/P°P±Ps
PiPsCĤCÍC€PµPSPSCİPjPë PiPsPIPµPrC-PSPePë, PiPsPI'CİP·P°PSPëPjPë P·
PrPµPjPµPSC†C-C°CĤ, CÍ P·PI'CİP·PeCÍ P· PiC-PrPIPëC°PµPSPSCİPj
P»PµC,P°P»CHPSPsCÍC,C- C,P° CĤPëP·PëPeCÍ C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CİCĤPSPëC...
PIPëPiP°PrPeC-PI. Pj PiCĤPsC†PµCÍC- PiP»P°C†PµP±Ps-PePsPSC,CĤPsP»CHPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCH (C,CĤPëPIP°P»C-CÍC,CĤ 6-12 C,PëP¶PSC-PI)
P·P° CÍC†P°CÍC,C- PiP°C†C-C°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ (CÍPµCĤPµPrPSC-PNë
PIC-Pe 78 CĤPsPeC-PI), CİPeC- CÍC,CĤP°P¶P°P°CĤC,CH PSP° PiCÍPëC...PsP· C,P°/P°P±Ps
PiPsCĤCÍC€PµPSPSCİ PiPsPIPµPrC-PSPePë, PiPsPIBĤ™ CİP·P°PSC- P· PrPµPjPµPSC†C-C°CĤ,
PeC-P»CHPeC-CÍC,CH P»PµC,P°P»CHPSPëC... PIPëPiP°PrPeC-PI P±CÍP»P° CÍ 2 CĤP°P·Pë
PIPëC°P° CÍ PİP°C†C-C°PSC,C-PI, CİPeC- PiCĤPëPNëPjP°P»Pë PsP»P°PSP·P°PiC-PS,
PiPsCĤC-PIPSİPSPs P· PiP»P°C†PµP±Ps (3,5 % PiCĤPsC,Pë 1,5 % PIC-PrPiPsPIC-PrPSPs).
P'PëCÍPsPeP° P»PµC,P°P»CHPSC-CÍC,CH PSPµ P±CÍP»P° PiPsPIBĤ™ CİP·P°PSP° P·
PIPµP»PëC†PëPSPsCĤ P·P°CÍC,PsCÍPsPICÍPIP°PSPëC... PrPsP· PsP»P°PSP·P°PiC-PSCÍ
(CÍPµCĤPµPrPSCİ PrPsP±PsPIP° PrPsP·P° CÍC,P°PSPsPIPëP»P° 4,4 PjPi) P°P±Ps P·
C,CĤPëPIP°P»C-CÍC,CĤ P»C-PeCÍPIP°PSPSCİ. PαP°PeC,PsCĤPë CĤPëP·PëPeCÍ, CİPeC-
PjPsP¶CÍC,CH CÍPiCĤPëC†PëPSPëC,Pë PiC-PrPIPëC°PµPSPSCİ P»PµC,P°P»CHPSPsCÍC,C-,
PIPeP»CĤC†P°CĤC,CH PIC-Pe PIC-Pr 65 CĤPsPeC-PI, PrPëCÍC,,P°PiC-CĤ, B CÍPµPrP°C†C-CĤ,
PSPµPrPsC—PrP°PSPSCİ C,P° P·PSPµPIPsPrPSPµPSPSCİ, P»PµPiPµPSPµPIC- C...PIPsCĤPsP±Pë
(PiPSPµPIPjPsPSC-Cİ P· P°P±Ps P±PµP· P°CÍPiC-CĤP°C†C-C—), CÍCÍPiCÍC,PSC°
P·P°CÍC,PsCÍCÍPIP°PSPSCİ P±PµPSP·PsPrC-P°P·PµPiC-PSC-PI. PµCĤPsC,Pµ PIPëPiP°PrPePë
P»PµC,P°P»CHPSPsCÍC,C- P±CÍP»Pë PIPëC°C- PiCĤPë C,PµCĤP°PiC-C—
PsP»P°PSP·P°PiC-PSPsPj, PSC-P¶ PiCĤPë PiCĤPëPNëPsPjC- PiP»P°C†PµP±Ps,
PSPµP·P°P»PµP¶PSPs PIC-Pr C,,P°PeC,PsCĤC-PI CĤPëP·PëPeCÍ.

Pj PiCĤPsC†PµCÍC- C†PëC... PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCH
CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCİ PIPëPiP°PrPePë
C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CİCĤPSPëC... PiPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë
(PSP°PiCĤPëPeP»P°Pr, C-PSCÍCÍP»CHC,, C,CĤP°PSP·PëC,PsCĤPSPëPNë
C-C€PµPjC-C†PSPëPNë C-PSCÍCÍP»CHC,,), CÍ C,PsPjCÍ C†PëCÍP»C- P·
P»PµC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj. PĥC-P»CHPeC-CÍC,CH
C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CİCĤPSPëC... PiPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë
P±CÍP»P° CÍ 3 CĤP°P·Pë PIPëC°P° CÍ PİP°C†C-C°PSC,C-PI, CİPeC- PiCĤPëPNëPjP°P»Pë
PsP»P°PSP·P°PiC-PS, PiPsCĤC-PIPSİPSPs P· PiP°C†C-C°PSC,P°PjPë, CİPeC-
PiCĤPëPNëPjP°P»Pë PiP»P°C†PµP±Ps (1,3 % PiCĤPsC,Pë 0,4 % PIC-PrPiPsPIC-PrPSPs).
PjCÍC- PiP°C†C-C°PSC,Pë, CİPeC- PiCĤPëPNëPjP°P»Pë PsP»P°PSP·P°PiC-PS P°P±Ps
PiP»P°C†PµP±Ps C- CÍ CİPePëC... CÍPiPsCÍC,PµCĤC-PiP°P»PëCÍCİ
C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CİCĤPSC- PiPsP±C-C†PSC- CĤPµP°PeC†C-C—,
PjP°P»Pë C,,P°PeC,PsCĤPë CĤPëP·PëPeCÍ. P'C-Pe PIC-Pr 75 CĤPsPeC-PI C,P°
CÍCÍPrPëPSPSPëPNë/P·PjC-C€P°PSPëPNë C,PëPi PrPµPjPµPSC†C-C— P±CÍP»Pë
C-PrPµPSC,PëC,,C-PePsPIP°PSC- CİPe C,,P°PeC,PsCĤPë CĤPëP·PëPeCÍ

C†PμCḡPμP±CḡPsPIP°C†PeC†P»C†CḡPSPëC... P†PsP±C-C†PSPëC... CḡPμP°PeC†C-PNë
P†CḡPë C,PμCḡP°P†C-C— PsP»P°PSP·P°P†C-PSPsPj. P·C„PμPeC,PëPIPSC-C†C,Ch
PsP»P°PSP·P°P†C-PSC† PSPμ P±C†P»P° PIC†C,P°PSPsPIP»PμPSP° C† P†CḡPsC†PμC†C-
PrP°PSPëC... PrPsC†P»C-PrP¶PμPSCḡ.

P†PIPsCḡPsP±P° PμP°CḡPeC-PSC†PsPSP°

PkPμ CḡPμPePsPjPμPSP†PsPIP°PSPs P·P°C†C,PsC†C†PIP°PSPSC† PsP»P°PSP·P°P†C-PSC†
C† C,PμCḡP°P†C-C— P†C†PëC...PsP·C-PI, C°Ps P°C†PsC†C-PNëPsPIP°PSC- P·
P°P†PsPSC-C†C,P°PjPë PrPsP†P°PjC-PSC† PI P†P°C†C-C°PSC,C-PI C-P·
C...PIPsCḡPsP±PsCḡ PμP°CḡPeC-PSC†PsPSP°. PJ P†CḡPsC†PμC†C-
PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCḡ PrC†P¶Pμ C†P°C†C,Ps
C†P†PsC†C,PμCḡC-P†P°P»PsC†C† P†PsPiC-CḡC€PμPSPSC† C†PëPjP†C,PsPjP°C,PëPePë
C...PIPsCḡPsP±Pë PμP°CḡPeC-PSC†PsPSP° C,P° P†P°P»CḡC†PëPSP°C†C-PNë,
C†P°C†C,C-C€Pμ, PSC-P¶ P†CḡPë P†CḡPëPNëPsPjC- P†P»P°C†PμP±Ps (PrPëPI. C,P°PePsP¶
CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»); P†CḡPë P»C-PeC†PIP°PSPSC-
P†C†PëC...PsC,PëC†PSPëC... C†PëPjP†C,PsPjC-PI C,PμCḡP°P†C-C†
PsP»P°PSP·P°P†C-PSPsPj PSPμ P±C†P»P° P±C-P»ChC€ PμC„PμPeC,PëPIPSPsCḡ
P†PsCḡC-PIPSC†PSPs P·C- P·P°C†C,PsC†C†PIP°PSPSC†Pj P†P»P°C†PμP±Ps. PJ C†PëC...
PrPsC†P»C-PrP¶PμPSPSC†C... P†PëPjP°P†P°P»PsC†C†, C°PsP± C†C,P°PS
P†P°C†C-C°PSC,C-PI P±C†PI C†C,P°P±C-P»ChPSPëPNë, PePsP»Pë P†PsPSPë
P†CḡPëPNëPjP°P»Pë PSP°PNëPjPμPSC€C† PμC„PμPeC,PëPIPSC† PrPsP·C†
P°PSC,PëP†P°CḡPeC-PSC†PsPSC-C†PSPëC... P»C-PeP°CḡC†ChPePëC... P·P°C†PsP±C-PI
(P°P†PsPSC-C†C,C-PI PrPsP†P°PjC-PSC†), P° C,P°PePsP¶ P†CḡPëPNëPjP°P»Pë C,C-
C†P°PjC- P°PSC,PëP†P°CḡPeC-PSC†PsPSC-C†PSC- P»C-PeP°CḡC†ChPeC- P·P°C†PsP±Pë
P†CḡPsC,C†PiPsPj C†C†ChPsPiPs PrPsC†P»C-PrP¶PμPSPSC†. PŷPμCḡP°P†C-Cḡ
PsP»P°PSP·P°P†C-PSPsPj P±C†P»Ps CḡPsP·P†PsC†P°C,Ps P· PrPsP·Pë 2,5 PjPi PSP°
PrPsP±C†, C†PeC† P·P±C-P»ChC€C†PIP°P»Pë C€P»C†C...PsPj C,PëC,CḡC†PIP°PSPSC†
PrPs PjP°PeC†PëPjP°P»ChPSPsPiPs P†PsPeP°P·PSPëPeP° 15 PjPi PSP° PrPsP±C†.

PkPμPNëCḡPsP»PμP†C,PëC†PSPëPNë P·P»PsC†PeC-C†PSPëPNë C†PëPSP†CḡPsPj (PkP—Pŷ)

PkP—Pŷ Bḡ“ C†Pμ P†PsC,PμPSC†C-PNëPSPs P»PμC,P°P»ChPSPëPNë
C†PëPjP†C,PsPjPsPePsPjP†P»PμPeC†, P†PsPIBḡ™ C†P·P°PSPëPNë P· P†CḡPëPNëPsPjPsPj
P°PSC,PëP†C†PëC...PsC,PëC†PSPëC... P†CḡPμP†P°CḡP°C,C-PI. P C-PrPePs
P†PsPIC-PrPsPjP»C†P»PsC†C† P†CḡPs P†PëP†P°PrPePë PkP—Pŷ P†C-Pr C†P°C†
P·P°C†C,PsC†C†PIP°PSPSC† PsP»P°PSP·P°P†C-PSC†. PḡP»C-PSC-C†PSPëPjPë
P†CḡPsC†PIP°PjPë PkP—Pŷ C° P†C-P†PμCḡP†C-CḡPμPeC†C-C†, PjBḡ™ C†P·PsPIP°
CḡPëP†C-PrPSC-C†C,Ch, PIC,CḡP°C,P° C†PIC-PrPsPjPsC†C,C- C,P° C†PëPjP†C,PsPjPë
C†PμCḡC†PμPIPsC— PSPμC†C,P°P±C-P»ChPSPsC†C,C- (PSPμCḡPμPiC†P»C†CḡPSC-
P†C†P»ChC† P°P±Ps P·PjC-PSP° P°CḡC,PμCḡC-P°P»ChPSPsPiPs C,PëC†PeC†,
C,P°C...C-PeP°CḡPrC-C†, P†C-PrPIPëC°PμPSPμ P†PsC,PsPIPëPrC-P»PμPSPSC† C,P°
C†PμCḡC†PμPIP° P°CḡPëC,PjC-C†). P°PsPrP°C,PePsPIC- PsP·PSP°PePë PjPsP¶C†C,Ch
PIPeP»CḡC†P°C,Pë P†C-PrPIPëC°PμPSPëPNë CḡC-PIPμPSCḡ
PeCḡPμP°C,PëPSC-PSC„PsC†C„PsPeC-PSP°P·Pë, PjC-PsPiP»PsP±C-PSC†CḡC-Cḡ
(CḡP°P±PrPsPjC-PsP»C-P·) C,P° P†PsC†C,CḡC† PSPëCḡPePsPIC†
PSPμPrPsC†C,P°C,PSC-C†C,Ch. PḡP»C-PSC-C†PSPëPNë P†CḡPsC†PI PkP—Pŷ P°P±Ps
PSP°C†PIPSC-C†C,Ch PiC-P†PμCḡC,PμCḡPjC-C— P±PμP· PeP»C-PSC-C†PSPsPiPs

PJ PĪP»P°C†PμP±PsPePsPSC,CĤĴPsP»CHbPsPIP°PSPsPjCř PeP»C-PSC-C‡PSPsPjCř
PrPsCĴP»C-PrP¶PμPSPSC- Cř PĪP°C†C-C''PSC,C-PI, CĴPeC- P»C-PeCřPIP°P»PëCĴCĴ
PsP»P°PSP·P°PĭC-PSPsPj, CĴPĭPsCĴC,PμCĤĴC-PĪP°P»PëCĴCĴ PSPμP±P°P¶P°PSC-
P·PjC-PSPë Cř PePsPSC†PμPSC,CĤĴP°C†C-C— P»C-PĭC-PrC-PI (PrPëPI. CĤĴPsP·PrC-P»
B«PμPsP±C-C‡PSC- CĤĴPμP°PeC†C-C-B»). PJ CĤĴP°P·C- PIPëCĴPIP»PμPSPSCĴ P·PjC-PS
Cř PePsPSC†PμPSC,CĤĴP°C†C-C— P»C-PĭC-PrC-PI PSPμPsP±C...C-PrPSPs
PĭCĤĴPsPIPsPrPëC,Pë PIC-PrPĭPsPIC-PrPSPμ P»C-PeCřPIP°PSPSCĴ, P·PsPeCĤĴPμPjP° Cř
PĪP°C†C-C''PSC,C-PI P· PĭPsCĤĴCřC€PμPSPSCĴPjPë PsP±PjC-PSCř P»C-PĭC-PrC-PI C,P°
Cř PĪP°C†C-C''PSC,C-PI C-P· C,,P°PeC,PsCĤĴP°PjPë CĤĴPëP·PëPeCř CĤĴPsP·PIPëC,PeCř
C,P°PePëC... PĭPsCĤĴCřC€PuPSCĤ. PμP°C†C-C''PSC,P°Pj, CĴPeC-

P·P°CÍC,PsCÍPsPICrCĤC,CH P°PSC,PëPíCÍPëC...PsC,PëC±PSC- P»C-PeP°CĤCÍCHPeC-
P·P°CÍPsP±Pë, PI C,PsPjCí C±PëCÍP»C- P»C-PeP°CĤCÍCHPePëPN₀ P·P°CÍC-P±
P—PsP»P°C,,CĤPμPS PαP°CÍC,, PSPμPsP±C...C-PrPSPs CĤPμPiCíP»CÍCĤPSPs
PePsPSC,CĤPsP»CĤPIP°C,Pë CĤC-PIPμPSCĤ P»C-PíC-PrC-PI PIC-PrPíPsPIC-PrPSPs
PrPs P·P°C,PIPμCĤPrP¶PμPSPëC... CĤPμPePsPjPμPSPrP°C†C-PN₀, C°₀₀Ps
CÍC,PsCÍCíCĤC,CHCÍCÍ P°PSC,PëPíCÍPëC...PsC,PëC±PSPsC— C,PμCĤP°PíC-C—,
PSP°PíCĤPëPeP»P°Pr PSP° PíPsC±P°C,PeCí P»C-PeCíPIP°PSPSCÍ, C±PμCĤPμP· 12
C,PëP¶PSC-PI, P° C,P°PePsP¶ Cí PíPsPrP°P»CHC€PsPjCí PePsP¶PSC- 5 CĤPsPeC-PI.

PĥPSC,PëC...PsP»C-PSPμCĤPiC-C±PSP° P°PeC,PëPIPSC-CÍC,CH

PμPsPíCĤPë PIPëCÍPIP»PμPSPSCÍ P°PSC,PëC...PsP»C-PSPμCĤPiC-C±PSPsC—
P°PeC,PëPIPSPsCÍC,C- PsP»P°PSP·P°PíC-PSCí *in vitro*, Cí PíCĤPsC†PμCÍC-
PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ PrPsPIPμPrPμPSPs PSPëP·CHPeCí
C±P°CÍC,PsC,Cí CĤPsP·PIPëC,PeCí PíPsPIBĤ™ CÍP·P°PSPëC... P· PSPμCĤ
P°PSC,PëC...PsP»C-PSPμCĤPiC-C±PSPëC... CÍPIPëC°. PhPrPSP°Pe C±PμCĤPμP·
PsP±PjPμP¶PμPSPSCÍ PeP»C-PSC-C±PSPsPíPs PrPsCÍPIC-PrCí C°₀₀PsPrPs
P·P°CÍC,PsCÍCíPIP°PSPSCÍ PsP»P°PSP·P°PíC-PSCí PíP°C†C-C''PSC,P°Pj P·C-
CÍCíPíCíC,PSC-PjPë P·P°C...PIPsCĤCĤPIP°PSPSCÍPjPë CÍP»C-Pr
PrPsC,CĤPëPjCíPIP°C,PëCÍCÍ PsP±PμCĤPμP¶PSPsCÍC,C- PíCĤPë
PíCĤPëP·PSP°C±PμPSPSC- PíCĤPμPíP°CĤP°C,Cí PíP°C†C-C''PSC,P°Pj C-P·
PeP»C-PSC-C±PSPs P·PSP°C±CíC°₀₀PsCĤ PiC-PíPμCĤC,CĤPsC,,C-C''CĤ
PíCĤPsCÍC,P°C,Pë, PíP°CĤP°P»C-C,PëC±PSPsCĤ PePëC€PePsPIPsCĤ
PSPμPíCĤPsC...C-PrPSC-CÍC,CĤ P°P±Ps PíPsPrC-P±PSPëPjPë
P·P°C...PIPsCĤCĤPIP°PSPSCÍPjPë.

PμPsPeP°P·PSPëPePë C,,C±PSPeC†C-C— PíPμC±C-PSPePë

PμCĤPë P·P°CÍC,PsCÍCíPIP°PSPSC- PsP»P°PSP·P°PíC-PSCí C±P°CÍC,Ps
CÍPíPsCÍC,PμCĤC-PíP°PICÍCÍ C,CĤP°PSP·PëC,PsCĤPSPëPN₀
P°CÍPëPjPíC,PsPjP°C,PëC±PSPëPN₀ PíC-PrPN₀PsPj CĤC-PIPSCÍ PíPμC±C-PSPePsPIPëC...
C,CĤP°PSCÍP°PjC-PSP°P· P°P»P°PSC-PSP°PjC-PSPsC,CĤP°PSCÍC,,PμCĤP°P·Pë
(PĥP»PĥPÿ) C,P° P°CÍPíP°CĤC,P°C,P°PjC-PSPsC,CĤP°PSCÍC,,PμCĤP°P·Pë (PĥCÍPĥPÿ),
PsCÍPsP±P»PëPIPs PSP° PíPsC±P°C,PeCí P»C-PeCíPIP°PSPSCÍ. PkPμPsP±C...C-PrPSPs
PrPsC,CĤPëPjCíPIP°C,PëCÍCÍ PsP±PμCĤPμP¶PSPsCÍC,C- C,P°
PsCĤPíP°PSC-P·CíPIP°C,Pë PíPsPrP°P»CHC€Pμ CÍPíPsCÍC,PμCĤPμP¶PμPSPSCÍ P·P°
PíP°C†C-C''PSC,P°PjPë P· PíC-PrPIPëC°₀₀PμPSPëPj CĤC-PIPSPμPj PĥP»PĥPÿ C,P°/P°P±Ps
PĥCÍPĥPÿ, PíP°C†C-C''PSC,P°PjPë P· PsP·PSP°PeP°PjPë C,P° CÍPëPjPíC,PsPjP°PjPë
PíPsCĤCíC€PμPSPSCÍ C,,CíPSPeC†C-C— PíPμC±C-PSPePë. PμP°C†C-C''PSC,P°Pj C-P·
PíC-PrPIPëC°₀₀PμPSPëPj CĤC-PIPSPμPj PĥP»PĥPÿ C,P°/P°P±Ps PĥCÍPĥPÿ,
PsP·PSP°PeP°PjPë C,P° CÍPëPjPíC,PsPjP°PjPë PíPsCĤCíC€PμPSPSCÍ
PrC-CÍP»CHPSPsCÍC,C- PíPμC±C-PSPePë, CÍC,P°PSPsPj, PíPsPIBĤ™ CÍP·P°PSPëPj P·
PíPμC±C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ, P° C,P°PePsP¶
PíP°C†C-C''PSC,P°Pj, CÍPeC- PíCĤPëPN₀PjP°CĤC,CH PíPsC,PμPSC†C-PN₀PSPs
PíPμPíP°C,PsC,PsPeCÍPëC±PSC- PíCĤPμPíP°CĤP°C,Pë, PsP»P°PSP·P°PíC-PS CÍP»C-Pr
PíCĤPëP·PSP°C±P°C,Pë P· PsP±PμCĤPμP¶PSC-CÍC,CĤ. PμCĤPë PIPëCÍPIP»PμPSPSC-
PíPμPíP°C,PëC,Cí (PIPeP»CĤC±P°CĤC±Pë PíPμPíP°C,PsC†PμP»CĤP»CÍCĤPSPμ,
C...PsP»PμCÍC,P°C,PëC±PSPμ P°P±Ps P·PjC-C€P°PSPμ CíCĤP°P¶PμPSPSCÍ PíPμC±C-PSPePë)

PsP»P°PSP·P°PīC-PS PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPēC,Pē.

PkPμPNεC,CḡPsPīPμPSC-Cḡ

PhP»P°PSP·P°PīC-PS PSPμPsP±C...C-PrPSPs P· PsP±PμCḡPμP¶PSC-CīC,Cḡ
PīCḡPēP·PSP°C†P°C,Pē PīCḡPē PSPēP·CHPePsPjCḡ CḡC-PIPSC- P»PμPNεPePsC†PēC,C-PI
C,P°/P°P±Ps PSPμPNεC,CḡPsC,,C-P»C-PI P· P±CḡPrCH-CḡPePsC— PīCḡPēC†PēPSPē
PīP°C†C-C''PSC,P°Pj, CḡPeC- P·P°CīC,PsCīPsPICḡCḡC,CH P»C-PeP°CḡCīCHPeC-
P·P°CīPsP±Pē, C%Ps PjPsP¶CḡC,CH CīPīCḡPēC†PēPSPēC,Pē PSPμPNεC,CḡPsPīPμPSC-Cḡ,
PīP°C†C-C''PSC,P°Pj, CḡPeC- PjP°CḡC,CH PI P°PSP°PjPSPμP·C- PjPμPrPēPeP°PjPμPSC,PsP·PSPμ
PīCḡPēPīPSC-C†PμPSPSCḡ/C,PsPeCīPēC†PSPμ CḡCḡP°P¶PμPSPSCḡ PeC-CīC,PePsPIPsPiPs
PjPsP·PeCḡ, PīP°C†C-C''PSC,P°Pj C-P· PīCḡPēPīPSC-C†PμPSPSCḡPj PeC-CīC,PePsPIPsPiPs
PjPsP·PeCḡ, CīPīCḡPēC†PēPSPμPSPēPj CīCḡPīCḡC,PSC-PjPē P·P°C...PIPSCḡCHPIP°PSPSCḡPjPē,
PsPīCḡPsPjC-PSPμPSPSCḡPj C†Pē C...C-PjC-PsC,PμCḡP°PīC-C''Cḡ, C,P° PīP°C†C-C''PSC,P°Pj C-P·
PiC-PīPμCḡPμPsP·PēPSPsC,,C-P»C-C''Cḡ C,P° PjC-C''P»PsPīCḡPsP»C-C,,PμCḡP°C,PēPIPSPēPj
P·P°C...PIPsCḡCHPIP°PSPSCḡPj. PkPμPNεC,CḡPsPīPμPSC-Cḡ C'' C†P°CīC,PsCḡ
PīPsP±C-C†PSPsCḡ CḡPμP°PeC†C-C''Cḡ PīCḡPē CīPīC-P»CHPSPsPjCḡ
P·P°CīC,PsCīCḡPIP°PSPSC- PIP°P»CHPīCḡPsP°C,Cḡ C,P° PsP»P°PSP·P°PīC-PSCḡ (PrPēPI.
CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

P'C-PrPjC-PSP° P»C-PeCḡPIP°PSPSCḡ

PμCḡPē CḡC-P·PePsPjCḡ PīCḡPēPīPēPSPμPSPSC- C,PμCḡP°PīC-C— CḡC-PrPePs (≥ 0,01
% PrPs 0,1 %) PīPsPIC-PrPsPj»CḡP»PsCīCḡ PīCḡPs PiPsCīC,CḡC- CīPēPjPīC,PsPjPē,
P·PsPeCḡPμPjP° PīCḡPs PSP°PrPjC-CḡPSPμ PiPsC,PsPIPēPrC-P»PμPSPSCḡ,
P±PμP·CīPsPSPSCḡ, C,CḡPμPjPsCḡ, PIC-PrC†CḡC,C,Cḡ CīC,CḡP°C...Cḡ, PSCḡPrPsC,Cḡ
P°P±Ps P±P»CḡHIP°PSPSCḡ.

P†PSC,PμCḡPIP°P» QT

Pj PeP»C-PSC-C†PSPēC... PrPsCīP»C-PrP¶PμPSPSCḡC... P·PSP°C†PSPμ PeP»C-PSC-C†PSPμ
P·PSP°C†PμPSPSCḡ PīCḡPsP»PsPSPiP°C†C-C— C-PSC,PμCḡPIP°P»Cḡ QT Cḡ
PīP°C†C-C''PSC,C-PI, CḡPeC-

P»C-PeCḡPIP°P»PēCīCḡ PsP»P°PSP·P°PīC-PSPsPj (PαCḡPμPrPμCḡC-PeP° QT
PePsCḡPμPeC†C-Cḡ ≥ 500 PjC-P»C-CīPμPeCḡPSPḡ (PjCīPμPe) Cḡ P±CḡPrCH-CḡPePēPNε
C†P°Cī PīC-CīP»Cḡ PīPsC†P°C,PeCḡ C,PμCḡP°PīC-C—, Cḡ PīP°C†C-C''PSC,C-PI P·
P±P°P·PsPIPsCḡ P»C-PSC-C''Cḡ QTcF < 500 PjCīPμPe PrPs PīPsC†P°C,PeCḡ
C,PμCḡP°PīC-C—), PIPēCḡPIP»CḡP»PsCīCḡ PSPμC†P°CīC,Ps (≥ 0,1 % PrPs 1 %).
PμPsCḡC-PIPSCḡPSPs P· PīP»P°C†PμP±Ps PSPμ PIPēCḡPIP»PμPSPs P·PSP°C†PSPsC—
CḡC-P·PSPēC†C- Cḡ C†P°CīC,PsC,C- P°CīPsC†C-PNεPsPIP°PSPēC... PeP°CḡPrC-P°P»CHPSPēC...
PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNε. PhPrPSP°Pe CīP»C-Pr P±CḡC,Pē
PsP±PμCḡPμP¶PSPēPjPē Cḡ CḡP°P·C- PīCḡPēP·PSP°C†PμPSPSCḡ PsP»P°PSP·P°PīC-PSCḡ
PsPrPSPsC†P°CīPSPs P· P»C-PeP°CḡCīCHPePēPjPē P·P°CīPsP±P°PjPē, CḡPeC-
P·P±C-P»CHCḡCḡC,CH C-PSC,PμCḡPIP°P» QT Cī, PsCīPsP±P»PēPIPs Cḡ
PīP°C†C-C''PSC,C-PI P»C-C,PSCḡPsPiPs PIC-PeCḡ, PīP°C†C-C''PSC,C-PI C-P·
PICḡPsPrP¶PμPSPēPj CīPēPSPḡCḡPsPjPsPj QT, P·P°CīC,C-PNεPSPsCḡ CīPμCḡC†PμPIPsCḡ
PSPμPrPsCīC,P°C,PSC-CīC,Cḡ, CīPμCḡC†PμPIPsCḡ PiC-PīPμCḡC,CḡPsC,,C-C''Cḡ,
PiC-PīPsPeP°P»C-C''PjC-C''Cḡ P°P±Ps PiC-PīPsPjP°PiPSPμP·PμPjC-C''Cḡ.

PḡCḡPsPjP±PsPμPjP±PsP»C-Cḡ

$P\acute{K}P_{\mu}C\ddot{P}^{\circ}C\acute{I}C, P_s \ddot{P}iPsPIC-PrPsPjP\gg C\ddot{I}P\gg PsC\acute{I}C\ddot{I} \ddot{P}iC\ddot{H}Ps C, P\ddot{e}PjC\ddot{P}^{\circ}C\acute{I}PsPIP\ddot{e}PN_{\ddot{e}}$
 $P\cdot P\ddot{I}B\ddot{H}^{\text{TM}} C\ddot{I}P\cdot PsPe PjC-P\P P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}Pj PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSPsPj C, P^{\circ}$
 $PIP\ddot{e}P\ddot{I}P^{\circ}PrPeP^{\circ}PjP\ddot{e} C\ddot{H}PsP\cdot PIP\ddot{e}C, PeC\acute{r} PIP_{\mu}PSPsP\cdot PSPsC-$
 $C, C\ddot{H}PsPjP\pm PsP_{\mu}PjP\pm PsP\gg C-C- (\geq 0,1 \% B\ddot{H}^{\text{TM}} < 1 \%).$ $P_{\mu}C\ddot{H}P\ddot{e}C\ddot{P}ePSPSPs-$
 $PSP^{\circ}C\acute{I}P\gg C-PrPePsPIPsPiPs P\cdot P\ddot{I}B\ddot{H}^{\text{TM}} C\ddot{I}P\cdot PeC\acute{r} PjC-P\P P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}Pj$
 $PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSPsPj C, P^{\circ} C\ddot{H}PsP\cdot PIP\ddot{e}C, PePsPj PIP_{\mu}PSPsP\cdot PSPsC-$
 $C, C\ddot{H}PsPjP\pm PsP_{\mu}PjP\pm PsP\gg C-C- PSP_{\mu} PIC\acute{I}C, P^{\circ}PSPsPIP\gg P_{\mu}PSPs. PhPrPSP^{\circ}Pe,$
 $P\pm P_{\mu}C\ddot{H}C\acute{r}C\ddot{P}e PrPs C\acute{r}PIP^{\circ}PiP\ddot{e} C, P_{\mu}, C\%Ps C\acute{r} \ddot{P}iP^{\circ}C\ddot{I}C-C^{\text{TM}}PSC, C-PI C-P\cdot$
 $C\epsilon P\ddot{e}P\cdot PsC,, C\ddot{H}P_{\mu}PSC-C^{\text{TM}}C\ddot{H} C\ddot{P}^{\circ}C\acute{I}C, Ps C\ddot{H}PsP\cdot PIP\ddot{e}PIP^{\circ}C^{\text{TM}}C, C\ddot{H}C\acute{I}C\ddot{I}$
 $C\acute{I}C... P\ddot{e}P\gg C\ddot{H}PSC-C\acute{I}C, C\ddot{H} PrPs C, C\ddot{H}PsPjP\pm PsP_{\mu}PjP\pm PsP\gg C-C-,$
 $PSP_{\mu}PsP\pm C... C-PrPSPs PIC\ddot{H}P^{\circ}C... PsPIC\acute{r}PIP^{\circ}C, P\ddot{e} C\acute{r}C\acute{I}C- PjPsP\P P\gg P\ddot{e}PIC-$
 $C,, P^{\circ}PeC, PsC\ddot{H}P\ddot{e} C\ddot{H}P\ddot{e}P\cdot P\ddot{e}PeC\acute{r}, PSP^{\circ}\ddot{P}iC\ddot{H}P\ddot{e}PeP\gg P^{\circ}Pr C-PjPjPsP\pm C-P\gg C-P\cdot P^{\circ}C\ddot{I}C-C\ddot{H}$
 $\ddot{P}iP^{\circ}C\ddot{I}C-C^{\text{TM}}PSC, P^{\circ}, C, P^{\circ} PIP\P P\ddot{e}PIP^{\circ}C, P\ddot{e} PIC\acute{I}C-C... PSP_{\mu}PsP\pm C... C-PrPSP\ddot{e}C...$
 $\ddot{P}iPs\ddot{P}iP_{\mu}C\ddot{H}P_{\mu}PrP\P C\acute{r}PIP^{\circ}P\gg C\ddot{H}PSP\ddot{e}C... P\cdot P^{\circ}C... PsPrC-PI.$

$P-P^{\circ}\ddot{P}iP^{\circ}P\gg C\ddot{H}PSP^{\circ} P^{\circ}PeC, P\ddot{e}PIPSC-C\acute{I}C, C\ddot{H} P\ddot{I}P\acute{K}P\ddot{Y}$

$P^{\circ}C\ddot{H}P^{\circ}C... PsPIC\acute{r}C\ddot{H}C\ddot{P}e \ddot{P}iP_{\mu}C\ddot{H}P_{\mu}PIP^{\circ}P\P PSP\ddot{e}PN_{\ddot{e}} PIP\ddot{I}P\gg P\ddot{e}PI PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSC\acute{r}$
 $PSP^{\circ} P\ddot{I}P\acute{K}P\ddot{Y}, PSP_{\mu}PsP\pm C... C-PrPSPs \ddot{P}iC\ddot{H}PsPIPsPrP\ddot{e}C, P\ddot{e} PrPsPrP^{\circ}C, PePsPIC-$
 $P\cdot P^{\circ}C\acute{I}C, P_{\mu}C\ddot{H}P_{\mu}P\P PSC- P\cdot P^{\circ}C... PsPrP\ddot{e} \ddot{P}iC\ddot{H}P\ddot{e} \ddot{P}iC\ddot{H}P\ddot{e}PN_{\ddot{e}}PsPjC- PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSC\acute{r}$
 $C\ddot{H}P^{\circ}P\cdot PsPj P\cdot C-PSC\epsilon P\ddot{e}PjP\ddot{e} \ddot{P}iC\ddot{H}P_{\mu}\ddot{P}iP^{\circ}C\ddot{H}P^{\circ}C, P^{\circ}PjP\ddot{e} C\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}P\gg C\ddot{H}PSPsC-$
 $PrC-C-, PIPeP\gg C\ddot{H}C\ddot{P}^{\circ}C\ddot{H}C\ddot{P}e PIP\P P\ddot{e}PIP^{\circ}PSPSC\ddot{I} P^{\circ}P\gg PePsPiPsP\gg C\ddot{H}. P_{\mu}C\ddot{H}P\ddot{e}$
 $PrPsC\acute{I}P\gg C-PrP\P P_{\mu}PSPSC\ddot{I}C... in vitro P\cdot P^{\circ}PSC, P^{\circ}\ddot{P}iPsPSC-C\acute{I}C, P^{\circ}PjP\ddot{e} PrPs\ddot{P}iP^{\circ}PjC-PSC\acute{r}$
 $PIP\ddot{e}C\ddot{I}PIP\gg P_{\mu}PSPs, C\%Ps PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PS PjPsP\P P_{\mu} P^{\circ}PSC, P^{\circ}\ddot{P}iPsPSC-C\acute{I}C, P\ddot{e}C\ddot{P}SPs$
 $PIP\ddot{I}P\gg P\ddot{e}PIP^{\circ}C, P\ddot{e} PSP^{\circ} P_{\mu}C,, P_{\mu}PeC, P\ddot{e} \ddot{P}iC\ddot{H}C\ddot{I}PjP\ddot{e}C... C, P^{\circ} PSP_{\mu}\ddot{P}iC\ddot{H}C\ddot{I}PjP\ddot{e}C...$
 $P^{\circ}\ddot{P}iPsPSC-C\acute{I}C, C-PI PrPs\ddot{P}iP^{\circ}PjC-PSC\acute{r}.$

$P\acute{K}P^{\circ}\ddot{P}iP^{\circ}PrP\ddot{e} C\acute{I}C\acute{e}PrPsPj$

$PhP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PS PSP_{\mu}PsP\pm C... C-PrPSPs PsP\pm P_{\mu}C\ddot{H}P_{\mu}P\P PSPs P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C, P\ddot{e}$
 $\ddot{P}iP^{\circ}C\ddot{I}C-C^{\text{TM}}PSC, P^{\circ}Pj P\cdot P_{\mu}\ddot{P}iC-P\gg P_{\mu}\ddot{P}iC, P\ddot{e}C\ddot{P}PSP\ddot{e}PjP\ddot{e} PSP^{\circ}\ddot{P}iP^{\circ}PrP^{\circ}PjP\ddot{e} PI P^{\circ}PSP^{\circ}PjPSP_{\mu}P\cdot C-$
 $P^{\circ}P\pm Ps P\cdot C,, P^{\circ}PeC, PsC\ddot{H}P^{\circ}PjP\ddot{e}, C\%Ps P\cdot PSP\ddot{e}P\P C\acute{r}C\ddot{H}C, C\ddot{H} C\acute{I}C\acute{r}PrPsPjPSP\ddot{e}PN_{\ddot{e}}$
 $\ddot{P}iPsC\ddot{H}C-Pi. P\acute{K}P_{\mu}C\ddot{P}^{\circ}C\acute{I}C, Ps \ddot{P}iPsPIC-PrPsPjP\gg C\ddot{I}P\gg PsC\acute{I}C\ddot{I} \ddot{P}iC\ddot{H}Ps PIP\ddot{e}P\ddot{I}P^{\circ}PrPeP\ddot{e}$
 $P_{\mu}\ddot{P}iC-P\gg P_{\mu}\ddot{P}iC, P\ddot{e}C\ddot{P}PSP\ddot{e}C... PSP^{\circ}\ddot{P}iP^{\circ}PrC-PI \ddot{P}iC\ddot{H}P\ddot{e} P\gg C-PeC\acute{r}PIP^{\circ}PSPSC-$
 $PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSPsPj. Pj P\pm C-P\gg C\ddot{H}C\epsilon PsC\acute{I}C, C- C\ddot{I}P\ddot{e}C... PIP\ddot{e}P\ddot{I}P^{\circ}PrPeC-PI$
 $\ddot{P}iP^{\circ}C\ddot{I}C-C^{\text{TM}}PSC, P\ddot{e} PjP^{\circ}P\gg P\ddot{e} PI P^{\circ}PSP^{\circ}PjPSP_{\mu}P\cdot C- P_{\mu}\ddot{P}iC-P\gg P_{\mu}\ddot{P}iC, P\ddot{e}C\ddot{P}PSC- PSP^{\circ}\ddot{P}iP^{\circ}PrP\ddot{e}$
 $P^{\circ}P\pm Ps C\ddot{H}P\ddot{e}P\cdot P\ddot{e}Pe C-C... PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\ddot{I} P\pm C\acute{r}PI \ddot{P}iC-PrPIP\ddot{e}C\%P_{\mu}PSP\ddot{e}PN_{\ddot{e}}.$

$P_{\mu}C-P\cdot PSC\ddot{I} PrP\ddot{e}C\acute{I}PeC-PSP_{\mu}P\cdot C-C\ddot{I}$

$Pj \ddot{P}iC\ddot{H}PsC\ddot{I}P_{\mu}C\acute{I}C- \ddot{P}iPsC\ddot{H}C-PIPSC\ddot{I}P\gg C\ddot{H}PSP\ddot{e}C... PeP\gg C-PSC-C\ddot{P}PSP\ddot{e}C...$
 $PrPsC\acute{I}P\gg C-PrP\P P_{\mu}PSC\ddot{H} C, C\ddot{H}P\ddot{e}PIP^{\circ}P\gg C-C\acute{I}C, C\ddot{H} 1 C\ddot{H}C-Pe P^{\circ}P\pm Ps PjP_{\mu}PSC\epsilon P_{\mu} \ddot{P}iC\ddot{H}P\ddot{e}$
 $\ddot{P}iC\ddot{H}P\ddot{e}PN_{\ddot{e}}PsPjC- PsP\gg P^{\circ}PSP\cdot P^{\circ}\ddot{P}iC-PSC\acute{r} C\acute{I}\ddot{P}iPsC\acute{I}C, P_{\mu}C\ddot{H}C-PiP^{\circ}P\gg P^{\circ}C\acute{I}C\ddot{I}$
 $C\acute{I}C, P^{\circ}C, P\ddot{e}C\acute{I}C, P\ddot{e}C\ddot{P}SPs P\cdot PSP^{\circ}C\ddot{I}C\%Ps PSP\ddot{e}P\P C\ddot{P}^{\circ} C\ddot{P}^{\circ}C\acute{I}C, PsC, P^{\circ}$
 $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\ddot{I} PrP\ddot{e}C\acute{I}PeC-PSP_{\mu}P\cdot C-C-, C\acute{I}\ddot{P}iC\ddot{H}P\ddot{e}C\ddot{P}ePSP_{\mu}PSPsC-$
 $P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}Pj. P\ddot{S}P_{\mu}C\ddot{H}P_{\mu}P\cdot P\cdot C\ddot{H}PsC\acute{I}C, P^{\circ}C\ddot{H}C\ddot{P}ePN_{\ddot{e}} C\ddot{H}P\ddot{e}P\cdot P\ddot{e}Pe$
 $C\ddot{H}PsP\cdot PIP\ddot{e}C, PeC\acute{r} \ddot{P}iC-P\cdot PSC\ddot{H}PsC- PrP\ddot{e}C\acute{I}PeC-PSP_{\mu}P\cdot C-C- \ddot{P}iC\ddot{H}P\ddot{e}$
 $C, C\ddot{H}P\ddot{e}PIP^{\circ}P\gg PsPjC\acute{r} \ddot{P}iC\ddot{H}P\ddot{e}PN_{\ddot{e}}PsPjC- P^{\circ}PSC, P\ddot{e}\ddot{P}iC\acute{I}P\ddot{e}C... PsC, P\ddot{e}C\ddot{P}PSP\ddot{e}C...$
 $\ddot{P}iC\ddot{H}P_{\mu}\ddot{P}iP^{\circ}C\ddot{H}P^{\circ}C, C-PI PSP_{\mu}PsP\pm C... C-PrPSP_{\mu} C\acute{r}P\cdot \ddot{P}iPsPrP\P P_{\mu}PSP_{\mu} P\cdot PSP\ddot{e}P\P P_{\mu}PSPSC\ddot{I}$

PrPsP·Pë P°P±Ps PïPsPIPSP° PIC-PrPjC-PSP° PïCḡPμPïP°CḡP°C,Cr PïCḡPë PïPsCḡPIC- Cr PïP°C†C-C°PSC,P° PsP·PSP°Pe C‡Pë CḡPëPjPïC,PsPjC-PI PïC-P·PSCḡPsC— PrPëCḡPëC-PSPμP·C-C—. P— C‡P°CḡPsPj C†C- CḡPëPjPïC,PsPjPë PjPsPḡCḡC,CH PïPsPïC-CḡC€CḡPIP°C,PëCḡCḡ P°P±Ps PSP°PIC-C,CH P·Bḡ™ CḡPIP»CḡC,PëCḡCḡ PïC-CḡP»Cḡ PïCḡPëPïPëPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ.

PhCḡC,PsCḡC,P°C,PëC‡PSP° PïC-PïPsC,PμPSP·C-Cḡ

PkPμC‡P°CḡC,Ps PïPsPIC-PrPsPjP»CḡP»PsCḡCḡ PïCḡPs PIPëPïP°PrPePë PsCḡC,PsCḡC,P°C,PëC‡PSPsC— PïC-PïPsC,PμPSP·C-C— Cr PïP°C†C-C°PSC,C-PI P»C-C,PSCḡPsPïPs PIC-PeCḡ PI PïCḡPsC†PμCḡC- PeP»C-PSC-C‡PSPëC... PrPsCḡP»C-PrPḡPμPSCḡ. PμC-Pr C‡P°Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PsP»P°PSP·P°PïC-PSCḡ CḡPμPePsPjPμPSPPrCḡC°C,CHCḡCḡ PïPμCḡC-PsPrPëC‡PSPμ PIPëPjC-CḡCḡPIP°PSPSCḡ P°CḡC,PμCḡC-P°P»CHPSPsPïPs C,PëCḡPëCḡ PïP°C†C-C°PSC,P°Pj PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI.

P P°PïC,PsPIP° CḡPμCḡC†PμPIP° CḡPjPμCḡC,CH

Pj PïPsCḡC,PjP°CḡPePμC,PëPSPiPsPIPëC... P·PIC-C,P°C... PïPsPIC-PrPsPjP»CḡP»PsCḡCḡ PïCḡPs PIPëPïP°PrPePë CḡP°PïC,PsPIPsC— CḡPμCḡC†PμPIPsC— CḡPjPμCḡC,C- PïP°C†C-C°PSC,C-PI, CḡPeC- PïCḡPëPNëPjP°P»Pë PsP»P°PSP·P°PïC-PS. P'C-PrPïPsPIC-PrPSPs PrPs CḡPμC,CḡPsCḡPïPμPeC,PëPIPSPsPïPs PsP±CḡPμCḡPIP°C†C-PNëPSPsPïPs PePsPïPsCḡC,PSPsPïPs PrPsCḡP»C-PrPḡPμPSPSCḡ CḡPëP·PëPe CḡP°PïC,PsPIPsC— CḡPμCḡC†PμPIPsC— CḡPjPμCḡC,C- Cr PïP°C†C-C°PSC,C-PI, CḡPeC- P·P°CḡC,PsCḡPsPICḡPIP°P»Pë PsP»P°PSP·P°PïC-PS, PïC-PrPIPëC%oCḡPIP°PICḡCḡ PjP°PNëPḡPμ PIPrPIC-C‡C- PïPsCḡC-PIPSCḡPSPs P· PïP°C†C-C°PSC,P°PjPë, CḡPeC- PSPμ P·P°CḡC,PsCḡPsPICḡPIP°P»Pë P°PSC,PëPïCḡPëC...PsC,PëPePë. P PëP·PëPe PïCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC- PsP»P°PSP·P°PïC-PSCḡ PIC-PrPïPsPIC-PrP°C° C,P°PePsPjCḡ PïCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC- P°C,PëPïPsPIPëC... P°PSC,PëPïCḡPëC...PsC,PëC‡PSPëC... P»C-PeP°CḡCḡCHPePëC... P·P°CḡPsP±C-PI, C%oPs P±CḡP»Pë PIPeP»CHC‡PμPSC- PrPs PsP±Bḡ™ C°PrPSP°PSPsPïPs P°PSP°P»C-P·Cḡ.

P°C-C,Pë C- PïC-PrP»C-C,PePë

PhP»P°PSP·P°PïC-PS PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPëPNë PrP»Cḡ P»C-PeCḡPIP°PSPSCḡ PrC-C,PμPNë C,P° PïC-PrP»C-C,PeC-PI. Pj PïCḡPsC†PμCḡC- PrPsCḡP»C-PrPḡPμPSPSCḡ PïP°C†C-C°PSC,C-PI PIC-PePsPj 13-17 CḡPsPeC-PI P·P°C,,C-PeCḡPsPIP°PSPs CḡC-P·PSC- PïPsP±C-C‡PSC- CḡPμP°PeC†C-C—: P·P±C-P»CHC€PμPSPSCḡ PjP°CḡPë C,C-P»P°, P·PjC-PSCḡ PjPμC,P°P±PsP»C-C‡PSPëC... PïP°CḡP°PjPμC,CḡC-PI C,P° P·P±C-P»CHC€PμPSPSCḡ CḡC-PIPSCḡ PïCḡPsP»P°PeC,PëPSCḡ. P PμP·CḡP»CHC,P°C,Pë, C%oPs P±CḡP»Pë PïPsPIBḡ™ CḡP·P°PSC- P· C†PëPjPë PïPsP±C-C‡PSPëPjPë PrC-CḡPjPë, PSPμ PrPsCḡP»C-PrPḡCḡPIP°P»PëCḡCḡ C- P·P°P»PëC€P°CḡC,CHCḡCḡ PSPμPIC-PrPsPjPëPjPë (PrPëPI. CḡPsP·PrC-P»Pë B«P°P°CḡPjP°PePsP»PsPïC-C‡PSC- PIP»P°CḡC,PëPIPSCḡC,C-B» C,P° B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»).

PḡCḡPïP°CḡC,P°Pj

P|PμPNë PïCḡPμPïP°CḡP°C, PjC-CḡC,PëC,CH PrPs 1,6 PjPi P°CḡPïP°CḡC,P°PjCḡ PI PePsPḡPSC-PNë C,P°P±P»PμC,C†C-.

PhCfPpP°CfC,P°Pj C" PrP¶PµCfPµP»PsPj C,,PµPSC-P»P°P»P°PSC-PSCf. P|Pµ PjPsP¶Pµ P±CfC,Pë C€PeC-PrP»PëPIPëPj PrP»Cf P»CfPrPµPNë, CfPeC- CfC,CfP°P¶PrP°CfC,Ch PSP° C,,PµPSC-P»PePµC,PsPSCfCfC-Cf (PαP¶PJ), CfC-PrPeC-CfPSPµ PiPµPSPµC,PëC±PSPµ P·P°C...PIPScfCfPIP°PSPSCf, P|CfPë CfPePsPjCf C,,PµPSC-P»P°P»P°PSC-PS PSP°PePsPiPëC±CfC"C,ChCfCf, PsCfPeC-P»ChPePë PsCfPiP°PSC-P·Pj PSPµ PjPsP¶Pµ PNëPsPiPs PSP°P»PµP¶PSPëPj C±PëPSPsPj PIPëPrP°P»PëC,Pë.

PkP°C,CfC-Cf

P|PµPNë P|CfPµPiP°CfP°C, PjC-CfC,PëC,Ch PjPµPSC€Pµ 1 PjPjPsP»Ch PSP°C,CfC-Cf (23 PjPi) PSP° C,P°P±P»PµC,PeCf, C,PsP±C,Ps P|CfP°PeC,PëC±PSPs PSPµ PjC-CfC,PëC,Ch PSP°C,CfC-Cf.

P—P°CfC,PsCfCzPIP°PSPSCf Cz PiPµCfC-PsPr PIP°PiC-C,PSPScfC,C- P°P±Ps PiPsPrCzPIP°PSPSCf PiCfCzPrPcf.

P'C-PrCfCfC,PSC- P°PrPµPePIP°C,PSC- C- PrPsP±CfPµ PePsPSC,CfPsP»ChPsPIP°PSC- PrPsCfP»C-PrP¶PµPSPSCf PrC-C— PsP»P°PSP·P°PiC-PSCf PSP° PIP°PiC-C,PSPëC.... PµP°C†C-C"PSC,PePë PiC-Pr C±P°Cf P»C-PeCfPIP°PSPSCf PsP»P°PSP·P°PiC-PSPsPj P|PsPIPëPSPSC- P|PsPIC-PrPsPjPëC,Pë CfPIPsPiPs P»C-PeP°CfCf P|CfPs PIP°PiC-C,PSC-CfC,Ch P°P±Ps PSP°PjC-Cf P·P°PIP°PiC-C,PSC-C,Pë. PhCfPeC-P»ChPePë C-CfPSCfCfC±PëPNë PrPsCfPIC-Pr P»C-PeCfPIP°PSPSCf PIP°PiC-C,PSPëC... PsP»P°PSP·P°PiC-PSPsPj PsP±PjPµP¶PµPSPëPNë, P»C-PeP°CfCfChPePëPNë P·P°CfC-P± Cf PiPµCfC-PsPr PIP°PiC-C,PSPScfC,C- PSPµPsP±C...C-PrPSPs P·P°CfC,PsCfPsPICfPIP°C,Pë C,C-P»ChPePë C,PsPrC-, PePsP»Pë PsC±C-PeCfPIP°PSC- CfPµP·CfP»ChC,P°C,Pë PIPëPiCfP°PIP°PsPICfCfC,Ch PjPsP¶P»PëPIPëPNë CfPëP·PëPe PrP»Cf P|P»PsPrP°.

Pj PSPsPIPsPSP°CfPsPrP¶PµPSPëC..., PjP°C,PµCfC- CfPePëC... P|CfPëPNëPjP°P»Pë P°PSC,PëPiCfPëC...PsC,PëPePë (PIPëP»CfC±P°CfC±Pë PsP»P°PSP·P°PiC-PS) P|CfPsC,CfPiPsPj III C,CfPëPjPµCfC,CfCf PIP°PiC-C,PSPScfC,C-, C-CfPSCfC" CfPëP·PëPe PIPëPSPëPePSPµPSPSCf P|PsP±C-C±PSPëC... CfPµP°PeC†C-PNë, PIPëP»CfC±P°CfC±Pë PµPeCfC,CfP°PiC-CfP°PjC-PrPSC- P|PsCfCfC€PµPSPSCf C,P°/P°P±Ps CfPëPSPrCfPsPj PIC-PrPjC-PSPë, CfPëPjPiC,PsPjPë CfPePëC... PjPsP¶CfC,Ch PiC-CfP»Cf PSP°CfPsPrP¶PµPSPSCf P·PjC-PSCfPIP°C,PëCfCf P·P° CfPëP»PsCf C,P° C,CfPëPIP°P»C-CfC,Ch. PµPsPIC-PrPsPjP»CfP»Pë P|CfPs P°P¶PëC,P°C†C-Cf, P°CfC,PµCfC-P°P»ChPSCf PiC-PiPsC,PµPSP·C-Cf, C,CfPµPjPsCf, CfPsPSP»PëPIC-CfC,Ch, CfPµCfPiC-CfP°C,PsCfPSPëPNë PrPëCfC,CfPµCf-CfPëPSPrCfPsPj P°P±Ps CfPsP·P»P°Pr C...P°CfC±CfPIP°PSPSCf. PÿPsPjCf PSPµPsP±C...C-PrPSPs CfPµC,PµP»ChPSPs PePsPSC,CfPsP»CfPIP°C,Pë CfC,P°PS PSPsPIPsPSP°CfPsPrP¶PµPSPëC....

PµCfPë PrPsCfP»C-PrP¶PµPSPSC- P·PrPsCfPsPIPëC... P¶C-PSPsPe, CfPeC- PiPsPrCfPIP°P»Pë PiCfCfPrPcf, PsP»P°PSP·P°PiC-PS P±CfP»Ps PIPëCfPIP»PµPSPs Cf PiCfCfPrPSPsPjCf PjPsP»PsC†C-. PÿPµCfPµPrPSCf PrPsP·P° PrP»Cf PSPµPjPsPIP»CfC,Pë (PjPi/PePi) P±PµP· CfPëP·PëPeCf PrP»Cf PSCfPsPiPs PsC†C-PSCfPIP°P»P°CfCf CfPe 1,8 % PjP°C,PµCfPëPSCfChPePsC— PrPsP·Pë (PjPi/PePi). PµP°C†C-C"PSC,PeP°Pj PSPµ CfPµPePsPjPµPSPrCfC"C,ChCfCf PiPsPrCfPIP°C,Pë PSPµPjPsPIP»CfC, PiCfCfPrPcf, CfPeC%oPs PIPsPSPë P|CfPëPNëPjP°CfC,Ch PsP»P°PSP·P°PiC-PS.

$P''PsCl'P \gg C-PrP \parallel P_{\mu}PSC\bar{H} \quad PIP\bar{P} \gg P\bar{e}PICr \quad PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{I}C-PSCr \quad PSP^{\circ} \quad C\epsilon PIP\bar{e}PrPeC-Cl'C, CH$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{+}C-C- \quad P\bar{I}C\bar{H}P\bar{e} \quad PeP_{\mu}C\bar{H}CrPIP^{\circ}PSPSC- \quad P^{\circ}PIC, PsC, C\bar{H}P^{\circ}PSCr\bar{P}iPsC\bar{H}C, PsPj \quad P^{\circ}P\pm Ps$
 $C\bar{H}PsP\pm PsC, C- \quad P \cdot \quad C-PSC\epsilon P\bar{e}PjP\bar{e} \quad PjP_{\mu}C...P^{\circ}PSC-P \cdot PjP^{\circ}PjP\bar{e} \quad PSP_{\mu} \quad P\bar{I}C\bar{H}PsPIPsPrP\bar{e}P \gg P\bar{e}.$
 $PhCl'PeC-P \gg CHPeP\bar{e} \quad PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{I}C-PS \quad PjPsP \parallel P_{\mu} \quad Cl'P\bar{I}C\bar{H}P\bar{e}C\bar{+}P\bar{e}PSP\bar{e}C, P\bar{e}$
 $Cl'PsPSP \gg P\bar{e}PIC-Cl'C, CH \quad C, P^{\circ} \quad P \cdot P^{\circ}P\bar{I}P^{\circ}PjPsC\bar{H}PsC\bar{+}P_{\mu}PSPSC\bar{I}, P\bar{I}P^{\circ}C\bar{+}C-C''PSC, C-PI \quad Cl'P \gg C-Pr$
 $P\bar{I}PsP\bar{I}P_{\mu}C\bar{H}P_{\mu}PrP\bar{e}C, P\bar{e} \quad P\bar{I}C\bar{H}Ps \quad PSP_{\mu}P\pm P_{\mu}P \cdot P\bar{I}P_{\mu}PeCr, P\bar{I}PsP\bar{I}b\bar{H}^{\text{TM}} \quad C\bar{I}P \cdot P^{\circ}PSCr \quad P \cdot$
 $P_{\mu}PeCl'P\bar{I}P \gg CrP^{\circ}C, P^{\circ}C\bar{+}C-C''C\bar{H} \quad PjP_{\mu}C...P^{\circ}PSC-P \cdot PjC-PI, Cr \quad C, .C\bar{+}.$
 $P^{\circ}PIC, PsC, C\bar{H}P^{\circ}PSCr\bar{P}iPsC\bar{H}C, PSP\bar{e}C... \quad P \cdot P^{\circ}Cl'PsP\bar{+}C-PI.$

PŸPİPₛCÍĆ-P± P·P°CÍĆ,PₛCÍĆ¿PIP°PSPSCII C,P° PᵣPₛP·Pë.

$$\underline{P''PsC\bar{H}PsC\bar{I}'P \gg C-}$$

$P\ddot{E}P\ddot{E}P\cdot PsC_{\text{„}}C\overline{H}P\mu PSC-C\overline{U}$. P P_uP_eP_sP_jP_uPSP_rP_sPIP°PSP° P_iP_sC‡P°C, P_eP_sPIP° P_rP_sP·P°
P_sP»P°PSP·P°P_iC-PSC_í C_íC, P°PSP_sPIP_eC, C_H 10 P_jP_i 1 C_HP°P· PSP° P_rP_sP±C_í.

$P_{\hbar}P^{\circ}PSC-P^{\circ}PeP^{\circ}P \gg CHBSC - P_{\mu}P\ddot{C} - P \cdot PsPrP\ddot{e}$. $P \ P_{\mu}PePsPjP_{\mu}PSP_rPsPIP^{\circ}PSP^{\circ} \ P\ddot{P}Sc\ddagger P^{\circ}C, PePsPIP^{\circ}$
 $PrPsP \cdot P^{\circ} \ PsP \gg P^{\circ}PSP \cdot P^{\circ}P\ddot{C} - PSCr \ C\ddot{U}Pe \ PjPsPSPsC, P_{\mu}C\ddot{H}P^{\circ}P\ddot{C} - C - C\ddot{r}C, P^{\circ}PSPsPIP\ddot{e}C, CH$
 $B \ B \ B \ B \ 15 \ PjPi \ PSP^{\circ} \ PrPsP \pm Cr \ P^{\circ}P \pm Ps \ 10 \ PjPi \ PSP^{\circ} \ PrPsP \pm Cr \ P\ddot{C}C\ddot{H}P\ddot{e}$
 $PePsPjP \pm C - PSPsPIP^{\circ}PSPsPjCr \ P \gg C - PeCrPIP^{\circ}PSPSC -$.

*P*μ*C*⊔*PsC*„*C*-*P*»*P*°*PeC*,*P*ë*PeP*° *PiPs**PIC*,*PsC*⊔*PSP*ë*C*... *PSP*°*PiP*°*PrC*-*PI C*¿*PiP*°*C*†*C*-*C*''*PSC*,*C*-*PI P*·
P±*C*-*PiPsP*»*C*⊔*C*⊔*PSP*ë*PjP*ë *C*⊔*PsP*·*P*»*P*°*PrP*°*PjP*ë. *P* *P*μ*PePsPjP*μ*PSP**PrPsPIP*°*PSP*°
PiPsC±*P*°*C*,*PePsPIP*° *PrPsP*·*P*° *C*†*C*,*P*°*PSP**PsPIP*ë*C*,*Ch* 10 *PjPi* *PSP*° *PrPsP*±*C*†. *P*μ*P*°*C*†*C*-*C*''*PSC*,*P*ë *P*·
P±*C*-*PiPsP*»*C*⊔*C*⊔*PSP*ë*PjP*ë *C*⊔*PsP*·*P*»*P*°*PrP*°*PjP*ë, *C*⊔*PeC*- *PsC*,*C*⊔*P*ë*PjC*†*PIP*°*P*»*P*ë
PsP»*P*°*PSP*·*P*°*PiC*-*PS PrP*»*C*⊔ *P*»*C*-*PeC*†*PIP*°*PSPSC*⊔ *PjP*°*PSC*-*P*°*PeP*°*P*»*ChPSP*ë*C*...
*P*μ*PiC*-*P*·*PsPrC*-*PI*, *PiC*⊔*PsPrPsPIP*¶*C*†*C*⊔*C*,*Ch* *PsC*,*C*⊔*P*ë*PjC*†*PIP*°*C*,*P*ë *PsP*»*P*°*PSP*·*P*°*PiC*-*PS C*†
C,*PsPjC*† *P*¶ *PrPsP*·*C*†*PIP*°*PSPSC*- *C*- *PrP*»*C*⊔ *PiC*⊔*PsC*„*C*-*P*»*P*°*PeC*,*P*ë*PeP*ë *PiPsPIC*,*PsC*⊔*PSP*ë*C*...
PSP°*PiP*°*PrC*-*PI*. *P*-*P*° *C*†*PjPsPIP*ë *C*⊔*PsP*·*PIP*ë*C*,*PeC*† *PSP**PsPIP**PsPiPs*
PjP°*PSC*-*P*°*PeP*°*P*»*ChPSP**PsPiPs*, *PrP*μ*PiC*⊔*P*μ*C*†*P*ë*PIPSP**PsPiPs* *P*°*P*±*Ps P*·*PjC*-*C*€*P*°*PSP**PsPiPs*
*P*μ*PiC*-*P*·*PsPrC*† *P*»*C*-*PeC*†*PIP*°*PSPSC*⊔ *PSP*μ*PsP*±*C*...*C*-*PrPSP**Ps PiC*⊔*PsPrPsPIP*¶*C*†*PIP*°*C*,*P*ë (*C*†
C⊔*P*°*P*·*C*- *PSP*μ*PsP*±*C*...*C*-*PrPSP**PsC*†*C*,*C*- *PsPiC*,*P*ë*PjC*-*P*·*C*†*PIP*°*PIC*€*P*ë *PrPsP*·*C*†) *C*⊔*P*°*P*·*PsPj C*-*P*·
PiC-*PrC*,*C*⊔*P*ë*PjC*†*C*⊔*C*±*PsC*⊔ *C*,*P*μ*C*⊔*P*°*PiC*-*C*''*C*⊔ *PrP*»*C*⊔ *P*»*C*-*PeC*†*PIP*°*PSPSC*⊔
C†*P*ë*PjPiC*,*PsPjC*-*PI PiPsC*⊔*C*†*C*€*P*μ*PSPSC*⊔ *PSP*°*C*†*C*,*C*⊔*PsC*⊔, *C*⊔*PeC*%*Ps C*'' *PeP*»*C*-*PSC*-*C*±*PSP*°
*PSP*μ*PsP*±*C*...*C*-*PrPSC*-*C*†*C*,*Ch*.

$P \rightarrow C - PeC \hat{z} PIP^{\circ} PSPSC \cup C \notin P \ddot{e} P \cdot PsC,, C \tilde{H} P \mu PSC - C - , PjP^{\circ} PSC - P^{\circ} PeP^{\circ} P \gg CH \dot{H} PSP \ddot{e} C \dots P \mu P \ddot{e} C - P \cdot PsPrC - PI$
 $C, P^{\circ} P \ddot{e} PsP \ddot{e} P \mu C \tilde{H} P \mu PrP \cap P \mu PSPSC \cup C \tilde{H} P \mu C \dagger P \ddot{e} PrP \ddot{e} PIC - PI P \pm C - P \ddot{e} PsP \gg C \cup C \tilde{H} PSPsPiPs$
 $C \tilde{H} PsP \cdot P \gg P^{\circ} PrC \hat{z}. P \odot PsPrP \mu PSPSC \ddot{r} PrPsP \cdot C \ddot{r} C \ddot{r} P \gg C - Pr PIP \ddot{e} P \cdot PSP^{\circ} C \ddagger P^{\circ} C, P \ddot{e} PSP^{\circ}$
 $P \ddot{e} C - PrC \ddot{r} C, P^{\circ} PIC - PeP \gg C - PSC - C \ddagger PSPsPiPs C \ddot{r} C, P^{\circ} C, C \ddot{r} C \ddot{r} C \ddot{r} PI PrC - P^{\circ} P \ddot{e} P^{\circ} \cdot PsPSC - PIC - Pr 5 PrPs$
 $B B B B B 20 PjPi PSP^{\circ} PrPsP \pm C \ddot{r}. P - P \pm C - P \gg CH C \notin P \mu PSPSC \cup C \tilde{H} P \mu PePsPjP \mu PSPPrPsPIP^{\circ} PSPsC -$
 $P \ddot{e} PsC \ddagger P^{\circ} C, PePsPIP sC - PrPsP \cdot P \ddot{e} P \ddot{e} C \tilde{H} PsPIPsPrP \ddot{e} C, P \ddot{e} P \cdot C - PSC, P \mu C \tilde{H} PIP^{\circ} P \gg P^{\circ} PjP \ddot{e} PSP \mu$
 $PjP \mu PSC \notin P \mu 24 PiPsPrP \ddot{e} PS P \gg P \ddot{e} C \notin P \mu P \ddot{e} C - C \ddot{r} P \gg C \cup PeP \gg C - PSC - C \ddagger PSPsPiPs$
 $PsP \pm C \ddot{r} C, P \mu P \cap P \mu PSPSC \cup. PhP \gg P^{\circ} PSP \cdot P^{\circ} P \ddot{e} C - PS P \ddot{e} PsC, C \tilde{H} C - P \pm PSPs P \cdot P^{\circ} C \ddot{r} C, PsC \ddot{r} PsPIC \ddot{r} PIP^{\circ} C, P \ddot{e}$
 $PSP \mu P \cdot P^{\circ} P \gg P \mu P \cap PSPs PIC - Pr PIP \cap P \ddot{e} PIP^{\circ} PSPSC \cup C - P \cap C -, PsC \ddot{r} PeC - P \gg CH PeP \ddot{e} C - P \cap P^{\circ} PSP \mu$
 $PIP \ddot{e} P \ddot{e} PIP^{\circ} C'' PSP^{\circ} P^{\circ} P \pm C \ddot{r} PsC \tilde{H} P \pm C \dagger C - C \tilde{H} P \ddot{e} C \tilde{H} P \mu P \ddot{e} P^{\circ} C \tilde{H} P^{\circ} C, C \ddot{r}. P \mu C \tilde{H} P \ddot{e} PIC - PrPiC - PSC -$

РiСђРµРiР°СђР°С,Ср Р·Р°РiРµСђСёРµРSPSCЦ С,РµСђР°РiС-С— РiРsС,СђС-Р±РSPs
РiСђРsРiРsРrРёС,Рё РiРsСђС,СрРiРsРiРs.

РђР°Р±Р»РµС,РёСр, С%Рs РrРёСђРiРµСђРiСрС”С,СђСђСЦ Рi СђРsС,РsРiС-Р№
РiРsСђРsР¶РSPёРSC-, РSPµРsР±С...С-РrРSPs РiРsРjС-СђС,РёС,Рё Ср СђРsС,, РrРµ РiРsРSP°
СёРiРёРrРёРs СђРsР·РiР°РrР°С”С,СђСђСЦ. РђСђРёС-Р»СђРёРё С,Р°Р±Р»РµС,РёР°, С%Рs
РrРёСђРiРµСђРiСрС”С,СђСђСЦ Рi СђРsС,РsРiС-Р№ РiРsСђРsР¶РSPёРSC-, РёСђРёС...РёР°,
С—С— СђР»С-Рr РiСђРёРµРµРjР°С,Рё РiС-РrСђР°Р·Р РiС-СђР»СЦ РiС-РrРёСђРёС,С,СЦ
Р±Р»С-СђС,РµСђР°. РђР»СђС,РµСђРSP°С,РёРiРSPs, Р±РµР·РiРsСђРµСђРµРrРsСђРs
РiРµСђРµРr Р·Р°СђС,РsСђСрРiР°РSPSCЦРj С,Р°Р±Р»РµС,РёР° РjРsР¶Рµ Р±СрС,Рё
СђРsР·СрРёРSPµРSP° Ср РiРsРiРSC-Р№ СђРёР»СЦРSC†С- РiРsРrРё Р°Р±Рs С-РSCёРsРiРs
РSP°РiРsСђ (Р°РiРµР»СђСђРёРSPsРiРёР№ СђС-Рё, СЦР±Р»СрСрСрРёР№ СђС-Рё, РjРsР»РsРёРs
Р°Р±Рs РёР°РiР°).

РђСђРsР±Р»РёС- РiСђСрРiРё РiР°С†С-С”РSC,С-Рi

РµР°С†С-С”РSC,Рё Р»С-С,РSСђРsРiРs РiС-РёСр

РµСђРёР·РSP°СрРµРSPSCЦ РjРµРSCёРsС— РiРsСр°С,РёРsРiРsС— РrРsР·Рё (5 РjРi РSP°
РrРsР±Ср) Р·Р°Р·РiРёСр°Р№ РSPµ РiРsС,СђС-Р±РSPµ. РёРµРsР±С...С-РrРSC-СђС,Сђ
РiСђРёР·РSP°СрРµРSPSCЦ РjРµРSCёРsС— РiРsСр°С,РёРsРiРsС— РrРsР·Рё
РiРsС,СђС-Р±РSPs СђРsР·РiР»СЦРrР°С,Рё РrР»СЦ РiР°С†С-С”РSC,С-Рi РiС-РёРsРj
РiС-Рr 65 СђРsРёС-Рi РiСђРё РSP°СЦРiРSPsСђС,С- РёР»С-РSC-СрРSPёС...
РiРsРёР°Р·Р°Р°РSPСђ (РrРёРi. СђРsР·РrС-Р» Р»РђСђРsР±Р»РёРiРsСђС,С-
Р·Р°СђС,РsСђСрРiР°РSPSCЦРj»).

*РµР°С†С-С”РSC,Рё Р· РSPёСђРёРsРiРsСђ С,Р°/Р°Р±Рs РiРµСрС-РSPёРsРiРsСђ
РSPµРrРsСђС,Р°С,РSC-СђС,Сђ*

РђРµРSCёСр РiРsСр°С,РёРsРiСр РrРsР·Ср (5 РjРi РSP° РrРsР±Ср) РjРsР¶РSP°
РiСђРёР·РSP°Ср°С,Рё С,Р°РёРёРj РiР°С†С-С”РSC,Р°Рj. Рj СђР°Р·С-
РSP°СЦРiРSPsСђС,С- РiРsРjС-СђРSPsС— РiРµСрС-РSPёРsРiРsС—
РSPµРrРsСђС,Р°С,РSPsСђС,С- (С†РёСђРsР·, РёР»Р°СђРё РSPµРrРsСђС,Р°С,РSPsСђС,С-
Рђ Р°Р±Рs Р’ Р·Р° СёРёР°Р»РsСђ РђР°РµР»Р»РrР° РµРђ™Сђ) РiРsСр°С,РёРsРiР° РrРsР·Р°
РiРsРiРёРSPSP° СђС,Р°РSPsРiРёС,Рё 5 РjРi, РiС-РrРiРёС%СрРiР°С,Рё РrРsР·Ср
РSPµРsР±С...С-РrРSPs Р· РsР±РµСђРµР¶РSC-СђС,Сђ.

РђС,Р°С,Сђ

РђРsСђРµС†С-СЦ РrРsР·Рё Р·Р°Р»РµР¶РSPs РiС-Рr СђС,Р°С,С- РiР°С†С-С”РSC,Р°
РSPµ РiРsС,СђС-Р±РSP°.

РµР°С†С-С”РSC,Рё, СЦРёС- РiР°Р»СЦС,Сђ

РµРsСр°С,РёРsРiР° РrРsР·Р° С,Р° РёРsР»РёРiР°РSPSCЦ РrРsР·Рё РSPµ РiРsРiРёРSPSC-
Р·РjС-РSСђРiР°С,РёСђСЦ СђСрС,РёРSPSPёРj СрРёРSPsРj Р·Р°Р»РµР¶РSPs РiС-Рr
РSP°СЦРiРSPsСђС,С-/РiС-РrСђСрС,РSPsСђС,С- Р·РiРёСрРё РrРs РiР°Р»С-РSPSCЦ.
РђРµР,Р°Р±РsР»С-Р·Рj РsР»Р°РSP·РiС-РSCр РjРsР¶Рµ Р±СрС,Рё
С-РSPrСрРёРsРiР°РSPёР№ РiР°Р»С-РSPSCЦРj С,СђС,СђРSCр.
Р РµРёРsРjРµРSPrСрС”С,СђСђСЦ РjРsРSC-С,РsСђРёРSPi РёР»С-РSC-СрРSPsРiРs
СђС,Р°РSCр, Ср СђР°Р·С- РSPµРsР±С...С-РrРSPsСђС,С- Рђ” СђРsР·РiР»СЦРr

$P \cdot P \pm C - P \gg CH_3C \epsilon P_{\mu}PSPSC_{\downarrow} PrPsP \cdot P \ddot{e} PsP \gg P^{\circ}PSP \cdot P^{\circ}P \ddot{C} - PSC \acute{r}$ ($PrP \ddot{e}PI$. $C_{\downarrow}P_{\mu}S \cdot PrC - P \gg$
 $B \ll P'P \cdot P^{\circ}C''PjPsPrC - C_{\downarrow} P \cdot C - PSC \epsilon P \ddot{e}PjP \ddot{e} P \gg C - PeP^{\circ}C_{\downarrow}C_{\downarrow}CH_3PeP \ddot{e}PjP \ddot{e} P \cdot P^{\circ}C \acute{r}PsP \pm P^{\circ}PjP \ddot{e}$
 $C, P^{\circ} C - PSC \epsilon C - PIP \ddot{e}PrP \ddot{e} PIP \cdot P^{\circ}C''PjPsPrC - PN_2B \gg$). $P \ddot{I}PeC \% Ps PSP^{\circ}C_{\downarrow}PIPS P \ddot{e}PN_2$
 $P \pm C - P \gg CH_3C \epsilon P_{\mu} PSC - P \parallel PsPrP \ddot{e}PS C, P^{\circ}PeC, PsC_{\downarrow}, C_{\downarrow}PeP \ddot{e}PN_2 PjPsP \parallel P_{\mu}$
 $PIPIP \gg P \ddot{e}PSC \acute{r}C, P \ddot{e} PSP^{\circ} C \acute{r}PiPsPIC - P \gg CH_3PSP_{\mu}PSPSC_{\downarrow} PjP_{\mu}C, P^{\circ}P \pm PsP \gg C - P \cdot PjC \acute{r}$
 $(P \parallel C - PSPsC \ddagger P^{\circ} C \acute{r}C, P^{\circ}C, CH_3, P \ddot{I}PsC \dots P \ddot{e}P \gg P \ddot{e}PN_2 PIC - Pe, PIC - PrC \acute{r}C \acute{r}C, PSC - C \acute{r}C, CH_3$
 $P \cdot PIP \ddot{e}C \ddagger PeP \ddot{e} PrPs P \ddot{I}P^{\circ}P \gg C - PSPSC_{\downarrow}), C \acute{r}P \gg C - Pr C_{\downarrow}P_{\mu}S \cdot PiP \gg C_{\downarrow}PrP^{\circ}C, P \ddot{e} PjPsP \parallel P \gg P \ddot{e}PIP_{\mu}$
 $P \cdot PSP \ddot{e}P \parallel P_{\mu}PSPSC_{\downarrow} P \ddot{I}PsC \ddagger P^{\circ}C, PePsPIPsC - PrPsP \cdot P \ddot{e}. P_{\downarrow}C - PrPIP \ddot{e}C \% P_{\mu}PSPSC_{\downarrow}$
 $PrPsP \cdot P \ddot{e} P \ddot{I}C_{\downarrow}P \ddot{e} P \ddot{I}PsPeP^{\circ}P \cdot P^{\circ}PSPSC_{\downarrow}C \dots PrPs C \ddagger CH_3PsPiPs C \acute{r}P \gg C - Pr$
 $P \ddot{I}C_{\downarrow}P_{\mu}S \cdot P \ddot{I}PsPrP \ddot{e}C, P \ddot{e} PePsPSC \acute{r}P_{\mu}C_{\downarrow}PIP^{\circ}C, P \ddot{e}PIPSs. Pj PIP \ddot{e}PiP^{\circ}PrPeP^{\circ}C \dots, PePsP \gg P \ddot{e}$
 $P \ddot{I}C - PrPIP \ddot{e}C \% P_{\mu}PSPSC_{\downarrow} PrPsP \cdot P \ddot{e} PSP^{\circ} 2,5 PjPi PIPIP^{\circ}P \parallel P^{\circ}C''C, CH_3C \acute{r}C_{\downarrow}$
 $PSP_{\mu}PsP \pm C \dots C - PrPSP \ddot{e}Pj, C \acute{r}P \gg C - Pr PIP \ddot{e}PePsC_{\downarrow}P \ddot{e}C \acute{r}C, PsPIC \acute{r}PIP^{\circ}C, P \ddot{e} C - PSC \epsilon C -$
 $P \gg C - PeP^{\circ}C_{\downarrow}C_{\downarrow}CH_3PeC - C, PsC_{\downarrow}PjP \ddot{e} PsP \gg P^{\circ}PSP \cdot P^{\circ}P \ddot{C} - PSC \acute{r}, C_{\downarrow}PeC -$
 $PrPsP \cdot PIPsP \gg C_{\downarrow}C_{\downarrow}CH_3 PrPsP \cdot C \acute{r}PIP^{\circ}C, P \ddot{e} 2,5 PjPi.$

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

$P_{\downarrow}P \gg P^{\circ}PSP \cdot P^{\circ}P \ddot{C} - PS PSP_{\mu} C_{\downarrow}P_{\mu}PePsPjP_{\mu}PSP \acute{r}C \acute{r}C''C, CH_3C \acute{r}C_{\downarrow}$
 $P \cdot P^{\circ}C \acute{r}C, PsC \acute{r}PsPIC \acute{r}PIP^{\circ}C, P \ddot{e} PrC - C, C_{\downarrow}Pj PIC - PePsPj PrPs 18 C_{\downarrow}P_{\mu}S \cdot PeC - PI, PsC \acute{r}PeC - P \gg CH_3PeP \ddot{e}$
 $PSP_{\mu}PjP^{\circ}C'' PrPsC \acute{r}C, P^{\circ}C, PSC - C \dots PrP^{\circ}PSP \ddot{e}C \dots C \% PsPrPs P \pm P_{\mu}P \cdot P \ddot{I}P_{\mu}PeP \ddot{e} C, P^{\circ}$
 $P_{\downarrow}C, P_{\mu}PeC, P \ddot{e}PIPSsC \acute{r}C, C - PN_2PsPiPs P \cdot P^{\circ}C \acute{r}C, PsC \acute{r}C \acute{r}PIP^{\circ}PSPSC_{\downarrow}.$

$P_{\downarrow}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC_{\downarrow}.$

$P''C \acute{r}P \parallel P_{\mu} P \ddot{I}PsC \epsilon P \ddot{e}C_{\downarrow}P_{\mu}PSP \ddot{e}PjP \ddot{e} C \acute{r}P \ddot{e}PjPiC, PsPjP^{\circ}PjP \ddot{e} P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC_{\downarrow}$
 $(> 10 \%) C'' C, P^{\circ}C \dots C - PeP^{\circ}C_{\downarrow}PrC - C_{\downarrow}, P^{\circ}P \parallel P \ddot{e}C, P^{\circ}C \ddagger C - C_{\downarrow}/P^{\circ}PiC_{\downarrow}P_{\mu}C \acute{r}P \ddot{e}PIPS C - C \acute{r}C, CH_3,$
 $PrP \ddot{e}P \cdot P^{\circ}C_{\downarrow}C, C_{\downarrow}C - C_{\downarrow}, C_{\downarrow}C - P \cdot PSC - P_{\mu}PeC \acute{r}C, C_{\downarrow}P^{\circ}PiC - C_{\downarrow}P^{\circ}PjC - PrPSC -$
 $C \acute{r}P \ddot{e}PjPiC, PsPjP \ddot{e} C, P^{\circ} P \cdot PSP \ddot{e}P \parallel P_{\mu}PSP \ddot{e}PN_2 C_{\downarrow}C - PIP_{\mu}PSCH_3 C \acute{r}PIC - PrPsPjPsC \acute{r}C, C -,$
 $C \% Ps PIP^{\circ}C_{\downarrow}C - C_{\downarrow}C''C, CH_3C \acute{r}C_{\downarrow} PIC - Pr C \acute{r}P_{\mu}PrP^{\circ}C \ddagger C - C - PrPs PePsPjP \ddot{e}.$

$P \ddagger PSC \epsilon P \ddot{e}PjP \ddot{e} P \cdot PSP^{\circ}C \ddagger PSP \ddot{e}PjP \ddot{e} C \acute{r}C \acute{r}PeP \gg P^{\circ}PrPSP_{\mu}PSPSC_{\downarrow}PjP \ddot{e}$
 $P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC_{\downarrow} C'' PrP_{\mu}P \gg C - C_{\downarrow}C - PN_2, C \acute{r}C \acute{r}PrPsPjP \ddot{e}, PePsPjP^{\circ},$
 $PjPsP \parallel P \gg P \ddot{e}PIC - C \acute{r}C, CH_3 PSP_{\mu}PN_2C_{\downarrow}P_{\mu}S \cdot P \gg P_{\mu}PiC, P \ddot{e}C \ddagger PSPsPiPs P \cdot P \gg PsC_{\downarrow}PeC - C \acute{r}PSPsPiPs$
 $C \acute{r}P \ddot{e}PSP \acute{r}C_{\downarrow}P_{\mu}S \cdot PjC \acute{r}, P \ddot{I}C_{\downarrow}P \ddot{e}PiPSC - C \ddagger P_{\mu}PSPSC_{\downarrow} PrP \ddot{e}C \dots P^{\circ}PSPSC_{\downarrow},$
 $P^{\circ}C \acute{r}PiC - C_{\downarrow}P^{\circ}C \ddagger C - C_{\downarrow}, P^{\circ}C_{\downarrow}C, P_{\mu}C_{\downarrow}C - P^{\circ}P \gg CH_3PSP^{\circ} PiC - P \ddot{I}P_{\mu}C_{\downarrow}C, P_{\mu}PSP \cdot C - C_{\downarrow} P^{\circ}P \pm Ps$
 $PiC - P \ddot{I}PsC, P_{\mu}PSP \cdot C - C_{\downarrow}, C \acute{r}P_{\mu}C_{\downarrow}C \ddagger P_{\mu}PIP^{\circ} P^{\circ}C_{\downarrow}P \ddot{e}C, PjC - C_{\downarrow} (< 2 \% PIP \ddot{e}PiP^{\circ}PrPeC - PI$
 $P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC_{\downarrow}) C, P^{\circ} PeP^{\circ}C_{\downarrow}PrC - PsPiC \acute{r}P \gg CH_3PjPsPSP^{\circ}P \gg CH_3PSP \ddot{e}PN_2$
 $C \epsilon PsPe. P \cdot P_{\mu}C, P^{\circ}P \gg CH_3PSC - PSP^{\circ}C \acute{r}P \gg C - PrPeP \ddot{e} PIC - PrP \cdot PSP^{\circ}C \ddagger P^{\circ}P \gg P \ddot{e}C \acute{r}C_{\downarrow} P \ddot{I}C_{\downarrow}P \ddot{e}$
 $P \ddot{I}PsC \acute{r}C, C_{\downarrow}P_{\mu}S \cdot PjC \acute{r} P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC - PSP^{\circ} C_{\downarrow}C - PIPSC - PrPs 450 PjPi,$
 $P^{\circ}P \gg P_{\mu} P \pm C \acute{r}P \gg P \ddot{e} PN_2 PIP \ddot{e}PiP^{\circ}PrPeP \ddot{e} PIP \ddot{e}P \parallel P \ddot{e}PIP^{\circ}PSPSC_{\downarrow} P \ddot{I}C - C \acute{r}P \gg C_{\downarrow}$
 $P \ddot{I}PsC \acute{r}C, C_{\downarrow}P_{\mu}S \cdot PjC \acute{r} P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}PrPsP \cdot C \acute{r}PIP^{\circ}PSPSC_{\downarrow} P \ddot{I}C - C \acute{r}P \gg C_{\downarrow} P \ddot{I}C_{\downarrow}P \ddot{e}PN_2PsPjC \acute{r} B 2 Pi$
 $PsP \gg P^{\circ}PSP \cdot P^{\circ}P \ddot{C} - PSC \acute{r} P \ddot{I}P_{\mu}C_{\downarrow}P_{\mu}S \cdot C_{\downarrow}P^{\circ}P \gg CH_3PSPs.$

$P \gg C - PeC \acute{r}PIP^{\circ}PSPSC_{\downarrow}$

PŸPĩPµC†PëC,,C-C‡PSPsPiPs P°PSC,PëPrPsC,Cr PSPµPjP°C". PkPµ
 CĤPµPePsPjPµPSPrCrCĤC,CHCĤCĤ PĩCĤPµPĩP°CĤP°C,Pë, C%Ps
 CĤPĩCĤPëC‡PëPSCĤCĤC,CH P±P»CĤPIP°PSPSCĤ. P PµPePsPjPµPSPrPsPIP°PSPs
 CĤC,P°PSPrP°CĤC,PSC- PĩCĤPsC†PµPrCrCĤPë PĩCĤPë PĩPµCĤPµPrPsP·CrPIP°PSPSC-
 (PSP°PĩCĤPëPeP»P°Pr, PĩCĤPsPjPëPIP°PSPSCĤ C€P»CrPSPeP°, PĩCĤPëPNëPsPj
 P°PeC,PëPIPsPIP°PSPsPiPs PICrPiC-P»P»CĤ). P"PsPIPµPrPµPSPs, C%Ps
 CĤCrPĩCrC,PSC-PNë PĩCĤPëPNëPsPj P°PeC,PëPIPsPIP°PSPsPiPs PICrPiC-P»P»CĤ
 P·PjPµPSC€CrC" P±C-PsPrPsCĤC,CrPĩPSC-CĤC,CH PsP»P°PSP·P°PĩC-PSCr PĩCĤPë
 PĩPµCĤPsCĤP°P»CHPSPsPjCr PĩCĤPëPNëPsPjC- PSP° 50-60 %.

P'C-PrPĩPsPIC-PrPSPs PrPs PeP»C-PSC-C‡PSPëC... PĩCĤPsCĤPIC-PI CĤP»C-Pr
 PSP°P»P°PiPsPrPëC,Pë CĤPëPjPĩC,PsPjP°C,PëC‡PSPµ P»C-PeCrPIP°PSPSCĤ C,P°
 PjPsPSC-C,PsCĤPëPSPi P¶PëC,C,C"PIPs PIP°P¶P»PëPIPëC... C,,CrPSPeC†C-PNë,
 PIPeP»CĤC‡P°CĤC‡Pë P»C-PeCrPIP°PSPSCĤ P°CĤC,PµCĤC-P°P»CHPSPsC—
 PiC-PĩPsC,PµPSP·C-C— C,P° C†PëCĤPeCrP»CĤC,PsCĤPSPsC—
 PSPµPrPsCĤC,P°C,PSPsCĤC,C-, P° C,P°PePsP¶ PĩC-PrC,CĤPëPjP°PSPSCĤ
 PrPëC...P°PSPSCĤ. PkPµ P·P°CĤC,PsCĤPsPICrPIP°C,Pë P°PrCĤPµPSP°P»C-PS,
 PrPsPĩP°PjC-PS C,P° C-PSC€C- CĤPëPjPĩP°C,PsPjC-PjPµC,PëPePë P· PrC-C"CĤ,
 C...P°CĤP°PeC,PµCĤPSPsCĤ PrP»CĤ P±PµC,P°-P°PiPsPSC-CĤC,C-PI,
 PsCĤPeC-P»CHPePë P±PµC,P°-CĤC,PëPjCrP»CĤC†C-CĤ PjPsP¶Pµ PĩPsPiC-CĤC€PëC,Pë
 PĩCĤPsCĤPIPë PiC-PĩPsC,PsPSC-C—. P"P»CĤ PIPëCĤPIP»PµPSPSCĤ PjPsP¶P»PëPIPsC—
 P°CĤPëC,PjC-C— PSPµPsP±C...C-PrPSPëPNë PjPsPSC-C,PsCĤPëPSPi CĤPµCĤC†PµPIPs-
 CĤCrPrPëPSPSPsC— CĤPëCĤC,PµPjPë. P PµC,PµP»CHPSPëPNë PjPµPrPëC‡PSPëPNë
 PSP°PiP»CĤPr C,P° PjPsPSC-C,PsCĤPëPSPi PĩPsPIPëPSPµPS C,CĤPëPIP°C,Pë PrPs
 PĩPsPIPSPsPiPs PsPrCrP¶P°PSPSCĤ PĩP°C†C-C"PSC,P°.

PµPsP±C-C‡PSC- CĤPµP°PeC†C-C—.

PkP°PNëC‡P°CĤC,C-C€C- PĩPsP±C-C‡PSC- CĤPµP°PeC†C-C— (CĤPĩPsCĤC,PµCĤC-PĩP°P»PëCĤCĤ
 Cr ≥ 1 % PĩP°C†C-C"PSC,C-PI), PĩPsPIBĤ™ CĤP·P°PSC- P·C- P·P°CĤC,PsCĤCrPIP°PSPSCĤPj
 PsP»P°PSP·P°PĩC-PSCr PI PĩCĤPsC†PµCĤC- PeP»C-PSC-C‡PSPëC... PrPsCĤP»C-PrP¶PµPSCĤ:
 CĤPsPSP»PëPIC-CĤC,CH, P·P±C-P»CHC€PµPSPSCĤ PjP°CĤPë C,C-P»P°,
 PµPsP·PëPSPsC,,C-P»C-CĤ, PiC-PrPIPëC%PµPSPSCĤ CĤC-PIPSCĤ PĩCĤPsP»P°PeC,PëPSCr,
 C...PsP»PµCĤC,PµCĤPsP»Cr (C...PsP»PµCĤC,PµCĤPëPSCr), PiP»CĤPePsP·Pë C,P°
 C,CĤPëPiP»C-C†PµCĤPëPrC-PI Cr PeCĤPsPIC-, PiP»CĤPePsP·CrCĤC-CĤ,
 PiC-PrPIPëC%PµPSPSCĤ P°PĩPµC,PëC,Cr, P·P°PĩP°PjPsCĤPsC‡PµPSPSCĤ, P°PeP°C,PëP·C-CĤ,
 PĩP°CĤPeC-PSCĤPsPSC-P·Pj, P»PµPNëPePsPĩPµPSC-CĤ, PSPµPNëC,CĤPsPĩPµPSC-CĤ,
 PrPëCĤPeC-PSPµP·C-CĤ, PsCĤC,PsCĤC,P°C,PëC‡PSP° PiC-PĩPsC,PµPSP·C-CĤ,
 P°PSC,PëC...PsP»C-PSPµCĤPiC-C‡PSC- PµC,,PµPeC,Pë, C,CĤP°PSP·PëC,PsCĤPSPµ
 P°CĤPëPjPiC,PsPjP°C,PëC‡PSPµ PiC-PrPIPëC%PµPSPSCĤ PĩPµC‡C-PSPePsPIPëC...
 C,CĤP°PSCĤP°PjC-PSP°P·, PIPëCĤPëPĩP°PSPSCĤ, P°CĤC,PµPSC-CĤ, PiC-PrPIPëC%PµPSP°
 PIC,PsPjP»CĤPIP°PSC-CĤC,CH, PiC-PĩPµCĤC,PµCĤPjC-CĤ, P°CĤC,CĤP°P»PiC-CĤ,
 PiC-PrPIPëC%PµPSPSCĤ CĤC-PIPSCĤ P°P»PeP°P»C-PSC,,PsCĤC,,P°C,P°P·Pë,
 PiP°PjPjP°PiP»CrC,P°PjC-P»C,CĤP°PSCĤC,,PµCĤP°P·Pë, CĤPµC‡PsPIPsC— PePëCĤP»PsC,Pë,
 PeCĤPµP°C,PëPSC,,PsCĤC,,PsPeC-PSP°P·Pë C,P° PSP°P±CĤCĤPePë.

PJ C,P°P±P»PëC†C- 1 PiC-PrCĤCrPjPsPIP°PSPs PsCĤPSPsPIPsC- PĩPsP±C-C‡PSC-
 CĤPµP°PeC†C-C— C,P° C—C...PSCĤ C‡P°CĤC,PsC,P°, PIPëP·PSP°C‡PµPSC- Cr PĩCĤPsC†PµCĤC-

PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ C,P°/P°P±Ps PSP° PsCÍPSPSPIC-
PĩPsCÍC,PjP°CĤPePµC,PëPSPiPsPIPsPiPs PrPsCÍPIC-PrCř.

P”CřP¶Pµ C‡P°CÍC,Ps (≥ 1/10), C‡P°CÍC,Ps (≥ 1/100 C,P° < 1/10), PSPµC‡P°CÍC,Ps (≥ 1/1000
C,P° < 1/100), CĤC-PrPePs (≥ 1/10000 C,P° < 1/1000), PrCřP¶Pµ CĤC-PrPePs (< 1/10000),
C‡P°CÍC,PsC,P° PSPµPIC-PrPsPjP° (C‡P°CÍC,PsC,Cř PSPµ PjPsP¶PSP° PICÍC,P°PSPsPIPëC,Pë
PSP° PsCÍPSPSPIC- PSP°CĬPIPSPëC... PrP°PSPëC...).

B
B
B
PŸP°P±P»PëC†CĬ 1

P°CřP¶Pµ C‡P°CÍC,Ps P— P±PsPeCř CÍPëCÍC,PµPjPë PeCĤPsPIPsC,PIPsCĤPµPSPSCĬ C,P° P»C-PjC„P°C,PëC‡PSPsC— CÍPëCÍC,PµPjPë P»PµPNëPePsPiPµPSC-CĬ ¹⁰ , PSPµPNëC,CĤPsPiPµPSC-CĬ ¹⁰ P— P±PsPeCř C-PjCřPSPSPsC— CÍPëCÍC,PµPjPë	PŞP°CÍC,Ps P»PµPNëPePsPiPµPSC-CĬ ¹⁰ , PSPµPNëC,CĤPsPiPµPSC-CĬ ¹⁰ P— P±PsPeCř C-PjCřPSPSPsC— CÍPëCÍC,PµPjPë	PkPµC‡P°CÍC,Ps P C-PrPePs PŞP°CÍC,PsC,P° PSPµPIC-PrPsPjP° PŸCĤPsPjP±PsC†PëC,PsPiPµ-PSC-CĬ ¹¹	P C-PrPePs PŞP°CÍC,PsC,P° PSPµPIC-PrPsPjP° PŸCĤPsPjP±PsC†PëC,PsPiPµ-PSC-CĬ ¹¹
P— P±PsPeCř PsP±PjC-PSCř CĤPµC‡PsPIPëPS C,P° C,CĤP°PIP»PµPSPSCĬ P—P±C-P»ChCëPµPSPSCĬ PµC-PrPIPëC°PµPSPSCĬ CĤC-PIPSCĬ PjP°CÍPë C,C-P»P ²¹ P— P±PsPeCř PSpµCĤPIPsPIPsC— CÍPëCÍC,PµPjPë PŸPsPSP»PëPIC-CÍC,Ch	CĤPµC‡PsPIPëPS C,P° C,CĤP°PIP»PµPSPSCĬ PµC-PrPIPëC°PµPSPSCĬ CĤC-PIPSCĬ C...PsP»PµCÍC,PµCĤPëPSCř ^{2,3} , PiC-PrPIPëC°PµPSPSCĬ CĤC-PIPSCĬ PiP»ChPePsP-Pë ⁵ , PiC-PrPIPëC°PµPSPSCĬ CĤC-PIPSCĬ C,CĤPëPiP»C-C†PµCĤPëPrC-Pİ ^{2,5} , PiP»ChPePsP-CřCĤC-CĬ, PiC-PrPIPëC°PµPSPSCĬ P°PiPµC,PëC,Cř P— P±PsPeCř PSpµCĤPIPsPIPsC— CÍPëCÍC,PµPjPë PŸPsPSP»PëPIC-CÍC,Ch	P PsP-PiPëC,PsPe P°P±Ps P-P°PiPsCÍC,CĤPµPSPSCĬ PrC-P°P±PµC,Cř, C-SPSPsPrC- P°CÍPsC†C-PNëPsPIP°PSPsPiPs P- PePµC,PsP°C†PëPrPsP-PsPj P°P±Ps PePsPjPsCĤ, PiPeP»ChC‡P°ChC‡Pë P»PµC,P°P»ChPSC- PSP°CÍP»C-PrPePë ¹¹ P°PiC-P»PµPiC,PëC‡PSC- PSP°PiP°PrPë, C°P°Ps Cř P±C-P»ChCëPsCÍC,C- PIPëPiP°PrPeC-PI P±CřP»Pë PI P°PSP°PjPSPµP-C- P°P±Ps P-P° PSP°CĬPIPSPsCÍC,C- C„P°PeC,PsCĤC-PI CĤPëP-PëPeCř ¹¹ , PrPëCÍC,PsPSC-CĬ (PiPeP»ChC‡PSPs P- PsPeCřP»CĬCĤPSPëPj CÍPëPjPiC,PsPjPsPj) ¹¹ , PiC-P-PSCĬ PrPëCÍPëC-PSPµP-C-CĬ ¹¹ , P°PjPSPµP-C-CĬ ⁹ , PrPëP-P°CĤC,CĤC-CĬ, P-P°C—PeP°PSPSCĬ, CÍPëPSPrCĤPsPj PSPµCÍPĩPsPeC-PNëPSPëC... PSC-Pi	P°PiC-P»PµPiC,PëC‡PSC- PSP°PiP°PrPë, C°P°Ps Cř P±C-P»ChCëPsCÍC,C- PIPëPiP°PrPeC-PI P±CřP»Pë PI P°PSP°PjPSPµP-C- P°P±Ps P-P° PSP°CĬPIPSPsCÍC,C- C„P°PeC,PsCĤC-PI CĤPëP-PëPeCř ¹¹ , PrPëCÍC,PsPSC-CĬ (PiPeP»ChC‡PSPs P- PsPeCřP»CĬCĤPSPëPj CÍPëPjPiC,PsPjPsPj) ¹¹ , PiC-P-PSCĬ PrPëCÍPëC-PSPµP-C-CĬ ¹¹ , P°PjPSPµP-C-CĬ ⁹ , PrPëP-P°CĤC,CĤC-CĬ, P-P°C—PeP°PSPSCĬ, CÍPëPSPrCĤPsPj PSPµCÍPĩPsPeC-PNëPSPëC... PSC-Pi
P— P±PsPeCř CÍPµCĤC†PµPIPsC— CÍPëCÍC,PµPjPë	P— P±PsPeCř CÍPµCĤC†PµPIPsC— CÍPëCÍC,PµPjPë	P°CĤP°PrPëPeP°CĤPrC-CĬ, PiCĤPsP»PsPSPIP°C†C-CĬ C-PSC,PµCĤPIP°P°Cř QT	P°PµPSC,CĤPëPeCřP»CĬCĤ-PSP° C,P°C...C-PeP°CĤPrC-CĬ/ C„C-P±CĤPëP»CĬC†C-CĬ, CĤP°PiC,PsPIPëPNë P»PµC,P°P»ChPSPëPNë PSP°CÍP»C-PrPsPe ¹¹
P— P±PsPeCř CÍCřPrPëPSPSPsC— CÍPëCÍC,PµPjPë PhCĤC,PsCÍC,P°C,PëC‡PSP° PiC-PĩPsC,PµPSP-C-CĬ ¹⁰	P— P±PsPeCř CÍCřPrPëPSPSPsC— CÍPëCÍC,PµPjPë PhCĤC,PsCÍC,P°C,PëC‡PSP° PiC-PĩPsC,PµPSP-C-CĬ ¹⁰	PŸCĤPsPjP±PsPµPjP±PsP»C-CĬ (PiPeP»ChC‡P°ChC‡Pë PµPjP±PsP»C-ČĤ P»PµPiPµPSPµPIPsC— P°CĤC,PµCĤC-C— C,P° C,CĤPsPjP±PsP- PiP»PëP±PsPePëC... PiPµP)	PŸCĤPsPjP±PsPµPjP±PsP»C-CĬ (PiPeP»ChC‡P°ChC‡Pë PµPjP±PsP»C-ČĤ P»PµPiPµPSPµPIPsC— P°CĤC,PµCĤC-C— C,P° C,CĤPsPjP±PsP- PiP»PëP±PsPePëC... PiPµP)
P— P±PsPeCř PrPëC...P°P»ChPSPsC— CÍPëCÍC,PµPjPë, PsCĤPiP°PSC-PI P— P±PsPeCř CëP»CřPSPePsPIPs-PePëCëPePsPIPsPiPs C,CĤP°PeC,Cř P»PµPiPeC—, C,PëPjC‡P°CÍPsPIC- P°PSC,PëC...PsP»C-PSPµCĤPiC-C‡PSC- PµC„PµPeC,Pë, PiPeP»ChC‡P°ChC‡Pë P-P°PiPsCĤ C,P° CÍCřC...C-CÍC,Ch Cř CĤPsC,C-	P— P±PsPeCř PrPëC...P°P»ChPSPsC— CÍPëCÍC,PµPjPë, PsCĤPiP°PSC-PI P— P±PsPeCř CëP»CřPSPePsPIPs-PePëCëPePsPIPsPiPs C,CĤP°PeC,Cř P»PµPiPeC—, C,PëPjC‡P°CÍPsPIC- P°PSC,PëC...PsP»C-PSPµCĤPiC-C‡PSC- PµC„PµPeC,Pë, PiPeP»ChC‡P°ChC‡Pë P-P°PiPsCĤ C,P° CÍCřC...C-CÍC,Ch Cř CĤPsC,C-	PiCĤCřPrPSPsC— PeP»C-C,PëPë C,P° PjPµPrC-P°CÍC,PëPSP°P»ChPSC- PiPsCĤCřCëPµPSPSCĬ PŤCĤPsPIPsC,PµC‡P° P- PSPsCÍP° ⁹	PiCĤCřPrPSPsC— PeP»C-C,PëPë C,P° PjPµPrC-P°CÍC,PëPSP°P»ChPSC- PiPsCĤCřCëPµPSPSCĬ PŤCĤPsPIPsC,PµC‡P° P- PSPsCÍP° ⁹
P— P±PsPeCř PiPµPiP°C,PsP±C-P»C-P°CĤPSPsC— CÍPëCÍC,PµPjPë PŸCĤP°PSP-PëC,PsCĤPSC-, P°CÍPëPjPiC,PsPjP°C,PëC‡PSC- PePsP»PëPiP°PSPSCĬ CĤC-PIPSCĬ PiPµC‡C-PSPePsPIPëC... C,CĤP°PSCÍP°PjC-PSP°P- (PĥP»PĥPŸ C,P° PĥCÍPĥPŸ), PsCÍPsP±P»PëPIPs PSP° PiPsC‡P°C,PëCř P»C-PëCřPiP°PSPSCĬ	P— P±PsPeCř PiPµPiP°C,PsP±C-P»C-P°CĤPSPsC— CÍPëCÍC,PµPjPë PŸCĤP°PSP-PëC,PsCĤPSC-, P°CÍPëPjPiC,PsPjP°C,PëC‡PSC- PePsP»PëPiP°PSPSCĬ CĤC-PIPSCĬ PiPµC‡C-PSPePsPIPëC... C,CĤP°PSCÍP°PjC-PSP°P- (PĥP»PĥPŸ C,P° PĥCÍPĥPŸ), PsCÍPsP±P»PëPIPs PSP° PiPsC‡P°C,PëCř P»C-PëCřPiP°PSPSCĬ	P—PrCřC,C,CĬ P¶PëPIPsC,P° ⁹ , PiC-PiPµCĤCÍPµPeCĤPµC†C-CĬ CÍP»PëPSPë	PµP°PSPeCĤPµP°C,PëC, ¹¹ CÍP»PëPSPë
P— P±PsPeCř CëPeC-CĤPë C,P° PiC-PrCëPeC-CĤPSPsC— C,PeP°PSPëPSPë P°PëCÍPëPiP°PSPSCĬ	P— P±PsPeCř CëPeC-CĤPë C,P° PiC-PrCëPeC-CĤPSPsC— C,PeP°PSPëPSPë P°PëCÍPëPiP°PSPSCĬ	P PµP°PeC†C-C— CÍPIC-C,P»PsC‡CřC,P»PëPIPsCÍC,C-, P°P»PsPiPµC†C-CĬ	P PµP°PeC†C-CĬ PSP° P»C-PeP°CĤCÍChPePëPNë P-P°CÍC-P± P- PµPsP-PëPSPsC,C-P-C-- C°ČĤ C- P-P°PiP°P»ChPSPëPjPë CÍPëPjPiC,PsPjPjPë B DRESS
P— P±PsPeCř CÍPePµP»PµC,PSPs-PjPŤ CĬP-PsPIPsC— C,P° CÍPĩPsP»CřC‡PSPsC— CÍPëCÍC,PµPj PĥCĤC,CĤP°P»PiC-CĬ ⁹ P— P±PsPeCř PSPëCĤPsPe C,P° CÍPµC‡PsPIPëPrC-P»ChPSPsC— CÍPëCÍC,PµPjPë	P— P±PsPeCř CÍPePµP»PµC,PSPs-PjPŤ CĬP-PsPIPsC— C,P° CÍPĩPsP»CřC‡PSPsC— CÍPëCÍC,PµPj PĥCĤC,CĤP°P»PiC-CĬ ⁹ P— P±PsPeCř PSPëCĤPsPe C,P° CÍPµC‡PsPIPëPrC-P»ChPSPsC— CÍPëCÍC,PµPjPë	P PµP°PeC†C-C— CÍPIC-C,P»PsC‡CřC,P»PëPIPsCÍC,C-, P°P»PsPiPµC†C-CĬ	P PµP°PeC†C-CĬ PSP° P»C-PeP°CĤCÍChPePëPNë P-P°CÍC-P± P- PµPsP-PëPSPsC,C-P-C-- C°ČĤ C- P-P°PiP°P»ChPSPëPjPë CÍPëPjPiC,PsPjPjPë B DRESS
P°P°PiC-C,PSC-CÍC,Ch, PiC-CÍP»CĬCĤPsPrPsPIPëPNë C,P° PiPµCĤPëPSP°C,P°P»ChPSPëPNë PiPµCĤC-PsPr	P°P°PiC-C,PSC-CÍC,Ch, PiC-CÍP»CĬCĤPsPrPsPIPëPNë C,P° PiPµCĤPëPSP°C,P°P»ChPSPëPNë PiPµCĤC-PsPr	P PµP°PeC†C-C— CÍPIC-C,P»PsC‡CřC,P»PëPIPsCÍC,C-, P°P»PsPiPµC†C-CĬ	P PµP°PeC†C-CĬ PSP° P»C-PeP°CĤCÍChPePëPNë P-P°CÍC-P± P- PµPsP-PëPSPsC,C-P-C-- C°ČĤ C- P-P°PiP°P»ChPSPëPjPë CÍPëPjPiC,PsPjPjPë B DRESS

P— P±PsPeCf C₇P₁PiC₇PsPrCfPeC, PēPIPsPsC— C₇PēC₇C, P₁PjPē C, P° PjPsP»PsC±PSPēC... P·P°P»PsP·
P·C₇P₁PeC, PēP»CH₂PSP°
PrPēC₇C, C₇PSPeC₇C—C₇ C₇
C±PsP»PsPIC—PeC—PI, P·PSPēP₁P₁PSPSC₇
P·C—P±C—PrPs C₇ P₁C—PSPsPe C, P°
C±PsP»PsPIC—PeC—PI
P₁PjP₁PSPsC₇P₁C₇,
P·P±C—P»CH₂CēP₁PSPSC₇
PiC₇CfPrP₁P₁Pe,
PiP°P»P°PeC, PsC₇P₁C₇ C₇
P₁C—PSPsPe,
PiC—PSP₁PePsPjP°C₇C, C—C₇/,
P·P±C—P»CH₂CēP₁PSPSC₇
PiC₇CfPrP₁P₁Pe C₇
C±PsP»PsPIC—PeC—PI
PuC₇C—P°PiC—P·Pj¹²
P—P°PiP°P»CH₂PSC— C₇PsP·P»P·PrPē C, P° PsC₇PsP±P»PēPIPsC₇C, C— P·P°C₇C, PsC₇CfP₁P°PSPSC₇
P₁C₇C, P₁PSC—C₇,
PiC—PrPIPēC%₀₀P₁PSP°
PIC, PsPjP»C₇PIP°PSC—C₇C, CH₂,
PSP°P±C₇C₇PePē, PiC—C₇P₁PeC₇C—C₇¹⁰
PrPsC₇P°C—PrP₁P₁PSPSC₇
PuC—PrPIPēC%₀₀P₁PSPSC₇ C₇C—PIPSC₇ PuC—PrPIPēC%₀₀P₁PSPSC₇
PePsPSC₇P₁PSC, C₇P°C₇C—P°P»PeP°P·C—PS— C, PsC₇C, P°C, P°P·Pē¹⁰,
PiC—PrPIPēC%₀₀P₁PSPSC₇
PiC—PrPIPēC%₀₀P₁PSPSC₇
P₁P°P·PjC— PeC₇PsPIC—⁸
PeC₇P₁P°C, PēPSC, PsC₇C, PsPeC—PSP°·P·Pē¹¹,
PiC—PrPIPēC%₀₀P₁PSPSC₇ C₇C—PIPSC₇
PiP°PjPjP°PiP°C₇C, P°PjC—P·
C, C₇P°PSC₇C, P₁C₇P°P·Pē¹⁰,
PiC—PrPIPēC%₀₀P₁PSPSC₇ C₇C—PIPSC₇
C₇P₁C±PsPiPsC— PePēC₇P°PsC, Pē¹⁰

¹ P₁P»C—PSC—C±PSPs P·PSP°C±C₇C%₀₀P₁ P·P±C—P»CH₂CēP₁PSPSC₇ PjP°C₇Pē C, C—P»P°
C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ PI C₇C₇C—C... PeP°C, P₁PiPsC₇C—P₁ PiP°C₇C—C”PSC, C—PI P·P°
P±P₁P₁ (C—PSP₁P₁PeC₇ PjP°C₇Pē C, C—P»P°). P₁C—C₇P»C₇ PePsC₇PsC, PePsC±P°C₇PSPsPiPs
P»C—PeC₇PIP°PSPSC₇ (C₇P₁C₇P₁PrPSC₇ C, C₇PēPIP°P»C—C₇C, CH₂ C₇C, P°PSPsPiPēP»P° 47
PrPSC—PI) P·P±C—P»CH₂CēP₁PSPSC₇ PjP°C₇Pē C, C—P»P° PSP° ≥ 7 %
C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ PrC₇P₁ C±P°C₇C, Ps (22,2 % PIPēPiP°PrPeC—PI), PSP° ≥ 15 %
C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ C±P°C₇C, Ps (4,2 % PIPēPiP°PrPeC—PI), PSP° ≥ 25 %
C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ PSP₁C±P°C₇C, Ps (0,8 % PIPēPiP°PrPeC—PI). Pj
PiP°C₇C—C”PSC, C—PI, C₇PeC— PsC, C₇PēPjC₇PIP°P»Pē C, C₇PēPIP°P»C₇ C, P₁C₇P°PiC—C₇
(PiC₇PēPSP°P₁PjPSC— PiC₇PsC, C₇PiPsPj 48 C, PēP₁PSC—PI), P·P±C—P»CH₂CēP₁PSPSC₇ PjP°C₇Pē
C, C—P»P° PSP° ≥ 7 %, ≥ 15 %, ≥ 25 % C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ PrC₇P₁ C±P°C₇C, Ps
(C₇ 64,4 %, 31,7 %, 12,3 % PIPēPiP°PrPeC—PI PIC—PrPiPsPIC—PrPSPs).

² P₁P₁C₇P₁PrPSC— PiC—PrPIPēC%₀₀P₁PSPSC₇ C₇C—PIPSC₇ P»C—PiC—PrC—PI PSP°C, C%₀₀P₁
(P·P°PiP°P»CH₂PSPēP₁ C...PsP»P₁C₇C, P₁C₇PsP», P·P₁P₁© C— C, C₇PēPiP»C—C₇P₁C₇PēPrPē)
P±C₇P»Pē P±C—P»CH₂Cē P·PSP°C±PSC— C₇ PiP°C₇C—C”PSC, C—PI, C₇ C₇PePēC... PrPs
PiPsC±P°C, PeC₇ P»C—PeC₇PIP°PSPSC₇ PSP₁ C₇PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇
P»C—PiC—PrPSPsC— PrPēC₇C₇P₁PiC₇P»C₇C₇C—C—.

³ P₁PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ C₇ PiP°C₇C—C”PSC, C—PI P· PSPsC₇PjP°P»CH₂PSPēPj
PiPsC±P°C, PePsPiPēPj C₇C—PIPSP₁Pj PSP°C, C%₀₀P₁ (< 5,17 PjPjPsP»CH₂/P»), C₇PePēP₁
PiC—PrPIPēC%₀₀C₇PIP°PIC₇C₇ PrPs PIPēC₇PsPePsPiPs (≥ 6,2 PjPjPsP»CH₂/P»). P”C₇P₁P₁
C±P°C₇C, Ps PiPsPIC—PrPsPjP»C₇P»PsC₇C₇ PiC₇Ps C₇C—P·PeP₁ PiC—PrPIPēC%₀₀P₁PSPSC₇
C₇C—PIPSC₇ P·P°PiP°P»CH₂PSPsPiPs C...PsP»P₁C₇C, P₁C₇PsP»C₇ PSP°C, C%₀₀P₁ P·
PiPsC±P°C, PePsPiPsPiPs C₇C—PIPSC₇ (≥ 5,17 - < 6,2 PjPjPsP»CH₂/P») PrPs PIPēC₇PsPePsPiPs
C₇C—PIPSC₇ B B B B B B B B B B B B B B B B (≥ 6,2 PjPjPsP»CH₂/P»).

⁴ P₁PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ C₇ PiP°C₇C—C”PSC, C—PI P· PSPsC₇PjP°P»CH₂PSPēPj
PiPsC±P°C, PePsPiPēPj C₇C—PIPSP₁Pj PSP°C, C%₀₀P₁ (< 5,56 PjPjPsP»CH₂/P»), C₇PePēP₁
PiC—PrPIPēC%₀₀C₇PIP°PIC₇C₇ PrPs PIPēC₇PsPePsPiPs (≥ 7 PjPjPsP»CH₂/P»). P”C₇P₁P₁ C±P°C₇C, Ps
PiPsPIC—PrPsPjP»C₇P»PsC₇C₇ PiC₇Ps C₇C—P·PeP₁ PiC—PrPIPēC%₀₀P₁PSPSC₇ C₇C—PIPSC₇
PiP»C₇PePsP·Pē PSP°C, C%₀₀P₁ P· PiPsC±P°C, PePsPiPsPiPs C₇C—PIPSC₇ (≥ 5,56 - < 7
PjPjPsP»CH₂/P») PrPs PIPēC₇PsPePsPiPs C₇C—PIPSC₇ (≥ 7 PjPjPsP»CH₂/P»).

⁵ P₁PiPsC₇C, P₁C₇C—PiP°P»PsC₇C₇ C₇ PiP°C₇C—C”PSC, C—PI P· PSPsC₇PjP°P»CH₂PSPēPj
PiPsC±P°C, PePsPiPēPj C₇C—PIPSP₁Pj PSP°C, C%₀₀P₁ (< 1,69 PjPjPsP»CH₂/P»), C₇PePēP₁
PiC—PrPIPēC%₀₀C₇PIP°PIC₇C₇ PrPs PIPēC₇PsPePsPiPs (≥ 2,26 PjPjPsP»CH₂/P»). P”C₇P₁P₁

C†P°C†C,Ps PīPsPIC-PrPsPjP»C‡P»PsC†C‡ PīC‡Ps C‡C-P·PePμ PīC-PrPIPëC%PμPSPSC‡ C‡C-PIPSC‡ C,C‡PëPīP»C-C†PμC‡PëPrC-PI PSP°C,C%Pμ P· PīPsC†P°C,PePsPIPSPiPs C‡C-PIPSC‡ (≥ 1,69 - < 2,26 PjPjPsP»CH/P») PrPs PIPëC†PsPePsPiPs C‡C-PIPSC‡ (≥ 2,26 PjPjPsP»CH/P»).

⁶ PμC-Pr C†P°C† PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSC‡ C†P°C†C,PsC,P° PIPëPSPëPePSPμPSPSC‡ PīP°C‡PeC-PSC†PsPSC-P·PjC† C- PrPëC†C,PsPSC-C— C† PīP°C†C-C”PSC,C-PI, C‡PeC- PsC,C‡PëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSC‡ PsP»P°PSP·P°PīC-PSPsPj, P±C†P»P° PIPëC%P°, P°P»Pμ PeP»C-PSC-C†PSPs PSPμP·PSP°C†PSPs, PīPsC‡C-PIPSC‡PSPs P· PīC‡C†PīPsC‡, C%Ps PsC,C‡PëPjC†PIP°P»P° PīP»P°C†PμP±Ps. P§P°C†C,PsC,P° PIPëPSPëPePSPμPSPSC‡ PīP°C‡PeC-PSC†PsPSC-P·PjC†, P°PeP°C,PëP·C-C— C- PrPëC†C,PsPSC-C— C† PīP°C†C-C”PSC,C-PI, C‡PeC- PsC,C‡PëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSC‡ PsP»P°PSP·P°PīC-PSPsPj, P±C†P»P° PSPëP¶C†P°, PSC-P¶ PīC‡Pë P·P°C†C,PsC†C†PIP°PSPSC- C,PëC,C‡PsPIP°PSPëC... PrPsP· PīP°P»PsPīPμC‡PëPrPsP»C†. P§PμC‡PμP· PIC-PrC†C†C,PSC-C†C,CH C-PSC„PsC‡PjP°C†C— PīC‡Ps PSP°C‡PIPSC-C†C,CH PI P°PSP°PjPSPμP·C- PīPsC†C,C‡PëC... P°P±Ps PīC-P·PSC-C... PμPeC†C,C‡P°PīC-C‡P°PjC-PrP°P»CHPSPëC... C‡C†C...PsPIPëC... PīPsC‡C†C€PμPSC‡ PSPμ PjPsP¶PSP° PIC†C,P°PSPsPIPëC,Pë, C%Ps PsP»P°PSP·P°PīC-PS PjPμPSC€Pμ C†PīC‡PëC†PëPSC‡C” PīC-P·PSC‡ PrPëC†PeC-PSPμP·C-C‡ C,P°/P°P±Ps C-PSC€C- PīC-P·PSC- PμPeC†C,C‡P°PīC-C‡P°PjC-PrP°P»CHPSC- C†PëPSP†C‡PsPjPë.

⁷ Pj PIPëPīP°PrPeC† C‡C-P·PePsPiPs PīC‡PëPīPëPSPμPSPSC‡ C,PμC‡P°PīC-C— PsP»P°PSP·P°PīC-PSPsPj PīPsPIC-PrPsPjP»C‡P»PsC†C‡ PīC‡Ps PīPsC†C,C‡C- C†PëPjPīC,PsPjPë: PīC-PrPIPëC%PμPSPμ PīPsC,PsPIPëPrC-P»PμPSPSC‡, P±PμP·C†PsPSPSC‡, C,C‡PμPjPsC‡, PIC-PrC†C†C,C,C‡ C†C,C‡P°C...C†, PSC†PrPsC,C† C- P±P»CHPIP°PSPSC‡.

⁸ Pj PīC‡PsC†PμC†C- PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSC‡ (PrPs 12 C,PëP¶PSC-PI) PIPëP·PSP°C†PμPSPs, C%Ps PePsPSC†PμPSC,C‡P°C†C-C‡ PīC‡PsP»P°PeC,PëPSC† C† PīP»P°P·PjC- PeC‡PsPIC- PīPμC‡PμPIPëC%C†PIP°P»P° PIPμC‡C...PSC-PN P»C-PjC-C, PSPsC‡PjPë C† 30 % PīP°C†C-C”PSC,C-PI, C‡PeC- P·P°C†C,PsC†PsPIC†PIP°P»Pë PsP»P°PSP·P°PīC-PS, C,P° PI C‡PePëC... PePsPSC†PμPSC,C‡P°C†C-C‡ PīC‡PsP»P°PeC,PëPSC† PSP° PīPsC†P°C,PeC† PrPsC†P»C-PrP¶PμPSPSC‡ PIC-PrPīPsPIC-PrP°P»P° PSPsC‡PjC-. Pj P±C-P»CHC€PsC†C,C- PīP°C†C-C”PSC,C-PI C,P°PePμ PīC-PrPIPëC%PμPSPSC‡ P±C†P»Ps PīPsPjC-C‡PSPëPj C- P·P°P»PëC€P°P»PsC†C‡ PI PjPμP¶P°C... P·PSP°C†PμPSC‡, C† PrPIP° C‡P°P·Pë PSPëP¶C†PëC... PIC-Pr PIPμC‡C...PSC‡PsPiPs C‡C-PIPSC‡ PSPsC‡PjPë.

⁹ PμPsP±C-C†PSC- C‡PμP°PeC†C-C— PIPëP·PSP°C†PμPSPs PI C‡PμP·C†P»CHC,P°C,C- PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSC‡ PI C-PSC,PμPīC‡PsPIP°PSC-PN P±P°P·C- PrP°PSPëC... PsP»P°PSP·P°PīC-PSC†.

¹⁰ PhC†C-PSPeP° PIPëPjC-C‡C‡PSPëC... P·PSP°C†PμPSC‡ PIPëP·PSP°C†PμPSP° PI C‡PμP·C†P»CHC,P°C,C- PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSC‡ PI C-PSC,PμPīC‡PsPIP°PSC-PN P±P°P·C- PrP°PSPëC... PsP»P°PSP·P°PīC-PSC†.

¹¹ PμPsP±C-C†PSC- C‡PμP°PeC†C-C— PIPëP·PSP°C†PμPSPs P·C- C†PīPsPSC,P°PSPSPëC... PīPsC†C,PjP°C‡PePμC,PëPSPiPsPIPëC... P·PIC-C,C-PI P· PīPμC‡C-PsPrPëC†PSC-C†C,C‡, C%Ps PIC†C,P°PSPsPIP»PμPSP° PSP° PsC†PSPsPIC- C-PSC,PμPīC‡PsPIP°PSPsC— P±P°P·Pë PrP°PSPëC... PsP»P°PSP·P°PīC-PSC†.

¹² PμPsP±C-C†PSC- C‡PμP°PeC†C-C— PIPëP·PSP°C†PμPSPs P·C- C†PīPsPSC,P°PSPSPëC... PīPsC†C,PjP°C‡PePμC,PëPSPiPsPIPëC... P·PIC-C,C-PI P· PīPμC‡C-PsPrPëC†PSC-C†C,C‡, C%Ps PsC†C-PSPμPSP° P· PIPëPePsC‡PëC†C,P°PSPSC‡Pj PrPsPIC-C‡C†PsPiPs C-PSC,PμC‡PIP°P»C† PI

PIP_μCT₅C...PSC_HPsPjC_r P»C-PjC-C,C- PSPsCT₅PjP_ë (95 %) PSP° PsC_r°PSPsPIC-
C-PSC,P_μPiC₅PsPIP°PSPsC— P±P°P·P_ë PrP°PSP_ëC... PsP»P°PSP·P°PiC-PSC_r.

P'PiP»P_ëPI PiC₅P_ë PrPsPIPiPsC,C₅P_ëPIP°P»PsPjC_z P·P°C_r°C,PsC_r°C_zPIP°PSPSC- (PSP_μ
PjP_μPSC€P_μ 48 C,P_ëP_¶PSC-PI)

P'C-PrC_r°PsC,PsP_e PiP°C_r°C-C''PSC,C-PI, C_r C_¶PeP_ëC... PIC-PrP·PSP°C_r°P»P_ëC_r°C_¶
PiPsP±C-C_r°PSC- CT₅P_μP°PeC_r°C-C— C_r PIP_ëPiP»C_¶PrC- PeP»C-PSC-C_r°PSPs C_r°C_r°C,C,C''PIPsPiPs
PiC-PrPIP_ëC°P_μPSPSC_¶ PjP°C_r°P_ë C,C-P»P°, P·PjC-PSP_ë CT₅C-PIPsC_¶ PiP»C_HPePsP·P_ë,
P·P°PiP°P»C_HPSPsPiPs C...PsP»P_μC_r°C,P_μCT₅P_ëPSC_r/P>P_μP_kP°/P>P_μP'P° P°P±Ps
C,C₅P_ëPiP»C-C_r°P_μCT₅P_ëPrC-PI, PiPsC_r°C,C-PN_ëPSPs P·P±C-P»C_HC€C_r°PIP°PIC_r°C_¶. PJ
PrPsCT₅PsC_r°P»P_ëC... PiP°C_r°C-C''PSC,C-PI, C_¶PeC- P·P°PeC-PSC_r°P_ëP»P_ë 9-12-
PjC-C_r°C_¶C_r°PSP_ëPN_ë PeC_r°CT₅C_r°C,P_μCT₅P°PiC-C—, C,P_μPjPi PiC-PrPIP_ëC°P_μPSPSC_¶
CT₅C-PIPsC_¶ PiP»C_HPePsP·P_ë PI PeCT₅PsPIC- PSP°C,C°P_μ C_r°PiPsPIC-P»C_HPSP_ëPIC_r°C_¶
PiCT₅P_ëP±P»P_ëP·PSPs PiC-C_r°P»C_¶ 6 PjC-C_r°C_¶C_r°C-PI P»C-PeC_r°PIP°PSPSC_¶.

P_μPsP±C-C_r°PSC- CT₅P_μP°PeC_r°C-C— PI PsPeCT₅P_μPjP_ëC... PiPsPiC_zP»C_¶C_r°C-C_¶C...

PJ PiCT₅PsC_r°P_μC_r°C- PeP»C-PSC-C_r°PSP_ëC... PrPsC_r°P»C-PrP_¶P_μPSC_H C_r°PiP°C_r°C-C''PSC,C-PI
P»C-C,PSC_HPsPiPs PIC-PeC_r°P· PrP_μPjP_μPSC_r°C-C''C_H C,P_μCT₅P°PiC-C_¶ PsP»P°PSP·P°PiC-PSPsPj
P±C_r°P»P° PiPsPiB₅[™] C_¶IP·P°PSP° P· PiC-PrPIP_ëC°P_μPSP_ëPj CT₅C-PIPsP_μPj
P»P_μC,P°P»C_HPSP_ëC... PIP_ëPiP°PrPeC-PI C,P° C_r°P_μCT₅P_μP±CT₅PsPIP°C_r°PeC_r°P»C_¶CT₅PSP_ëPjP_ë
PiPsP±C-C_r°PSP_ëPjP_ë CT₅P_μP°PeC_r°C-C_¶PjP_ë PiPsCT₅C-PIPsC_¶PSPs P· C,P°PeP_ëPj C_r°PiCT₅C_r°PiC-
PiP»P°C_r°P_μP±Ps. P''C_r°P_¶P_μ PiPsC€PeCT₅P_μPSP_ëPjP_ë PiPsP±C-C_r°PSP_ëPjP_ë CT₅P_μP°PeC_r°C-C_¶PjP_ë,
PiPsPiB₅[™] C_¶IP·P°PSP_ëPjP_ë P·C- P·P°C_r°C,PsC_r°C_r°PIP°PSPSC_¶Pj PsP»P°PSP·P°PiC-PSC_r, C_r
PrP°PSPsC— PiCT₅C_r°PiP_ë PiP°C_r°C-C''PSC,C-PI P±C_r°P»P_ë PiPsCT₅C_r°C€P_μPSPSC_¶ C...PsPrP_ë C,P°
PiP°PrC-PSPSC_¶. P₅P°C_r°C,Ps C_r°PiPsC_r°C,P_μCT₅C-PiP°P»P°C_r°C_¶ PiPSP_μPIPsPSPSC-C_¶,
PiC-PrPIP_ëC°P_μPSPSC_¶ C,P_μPjPiP_μCT₅P°C,C_r°CT₅P_ë C,C-P»P°, P»P_μC,P°CT₅PiC-C_¶,
P_μCT₅P_ëC,P_μPjP°, P·PsCT₅PsPIC- PiP°P»C_HC_r°P_ëPSP°C_r°C-C— C,P° PSP_μC,CT₅P_ëPjP°PSPSC_¶
C_r°P_μC_r°C-.

PJ PiCT₅PsC_r°P_μC_r°C- PeP»C-PSC-C_r°PSP_ëC... PrPsC_r°P»C-PrP_¶P_μPSC_H C_r°P_μCT₅P_μPr
PiP°C_r°C-C''PSC,C-PI C-P· PjP_μPrP_ëPeP°PjP_μPSC,PsP·PSPs C-PSP_rC_r°PePsPIP°PSP_ëPj
(P°PiPsPSC-C_r°C, PrPsPiP°PjC-PSC_r) PiC_r°P_ëC...PsP·PsPj, PiPsPiB₅[™] C_¶IP·P°PSP_ëPj C-P·
C...PIPsCT₅PsP±PsC_H P_μP°CT₅PeC-PSC_r°PsPSP°, PiPsPiC-CT₅C€P_μPSPSC_¶
PiP°CT₅PeC-PSC_r°PsPSC-PIC_r°C_HPePsC— C_r°P_ëPjPiC,PsPjP°C,P_ëPeP_ë C,P°
PiP°P»C_HC_r°P_ëPSP°C_r°C-C— PIC-PrP·PSP°C_r°P»P»PsC_r°C_¶ PrC_r°P_¶P_μ C_r°P°C_r°C,Ps, C_r°P°C_r°C,C-C€P_μ,
PSC-P_¶ C_r°PiCT₅C_r°PiC- PiP»P°C_r°P_μP±Ps.

PJ PiCT₅PsC_r°P_μC_r°C- PsPrPSPsPiPs PeP»C-PSC-C_r°PSPsPiPs PrPsC_r°P»C-PrP_¶P_μPSPSC_¶ C_r°4,1 %
PiP°C_r°C-C''PSC,C-PI C-P· P±C-PiPsP»C_¶CT₅PSPsC_H PjP°PSC-C''C_H PI CT₅P_μP·C_r°P»C_HC,P°C,C-
P·P°C_r°C,PsC_r°C_r°PIP°PSPSC_¶ PsP»P°PSP·P°PiC-PSC_r C_r°PePsPjP±C-PSP°C_r°C-C— P·
PIP°P»C_HPiCT₅PsP°C,PsPj C_r°PiPsC_r°C,P_μCT₅C-PiP°P»P°C_r°C_¶ PSP_μPN_ëC,CT₅PsPiP_μPSC-C_¶;
PjPsP_¶P»P_ëPIPsC_H PiCT₅P_ëC_r°P_ëPSPsC_H PjPsP_¶P_μ P±C_r°C,P_ë PiC-PrPIP_ëC°P_μPSPSC_¶
CT₅C-PIPsC_¶ PIP°P»C_HPiCT₅PsP°C,C_r°C_r°PiP°P»P°PjC- PeCT₅PsPIC-. PJ CT₅P_μP·C_r°P»C_HC,P°C,C-
P·P°C_r°C,PsC_r°C_r°PIP°PSPSC_¶ PsP»P°PSP·P°PiC-PSC_r P· P»C-C,C-C''Pj P°P±Ps
PIP°P»C_HPiCT₅PsP°C,PsPj C_r°≥ 10 % C_r°PiPsC_r°C,P_μCT₅C-PiP°P»P_ëC_r°C_¶ C,CT₅P_μPjPsCT₅,
C_r°C_r°C...C-C_r°C,C_H C_r°CT₅PsC,C-, PiC-PrPIP_ëC°P_μPSPSC_¶ P°PiP_μC,P_ëC,C_r,
P·P±C-P»C_HC€P_μPSPSC_¶ PjP°C_r°P_ë C,C-P»P°. P₅P°PePsP_¶ PiPsPIC-PrPsPjP»C_¶IP»PsC_r°C_¶
PiCT₅Ps PiPsCT₅C_r°C€P_μPSPSC_¶ PjPsPIP»P_μPSPSC_¶. P_μC-Pr C_r°P°C_r°C,P_μCT₅P°PiC-C—
PsP»P°PSP·P°PiC-PSPsPj C_r°PePsPjP±C-PSP°C_r°C-C— P· P»C-C,C-C''Pj P°P±Ps
PIP°P»C_HPiCT₅PsP°C,PsPj C_r°PiPsC_r°C,P_μCT₅C-PiP°P»PsC_r°C_¶ P·P±C-P»C_HC€P_μPSPSC_¶ PjP°C_r°P_ë

C,C-P»P° ≥ 7 % P†PḥPÿ Cr 17,4 % PïP°C†C-C”PSC,C-PI PïC-Pr C‡P°C†
C-PSC,PµPSC†PëPIPPSPsC— C,PµCḥP°PïC-C— (PrPs 6 C,PëP¶PSC-PI). P”PsPIPiPsC,CḥPëPIP°P»Pµ
P»C-PeC†PIP°PSPSC† PsP»P°PSP·P°PïC-PSPsPj (PrPs 12 C,PëP¶PSC-PI) PrP»C†
PïPsPïPµCḥPµPrP¶PµPSPSC† CḥPµC†PëPrPëPIC-PI Cr PïP°C†C-C”PSC,C-PI C-P·
P±C-PïPsP»C†CḥPSPëPjPë CḥPsP·P»P°PrP°PjPë P±C†P»Ps PïPsPIbḥ™ C†P·P°PSPs P·
PïC-PrPIPëC%PµPSPSC†Pj PjP°C†Pë C,C-P»P°
≥ 7 % P†PḥPÿ Cr 39,9 % PïP°C†C-C”PSC,C-PI.

P”C-C,Pë

PḥP»P°PSP·P°PïC-PS PSPµ PïPsPeP°P·P°PSPëPNḡ PrP»C† P»C-PeC†PIP°PSPSC† PrC-C,PµPNḡ
C,P° PïC-PrP»C-C,PeC-PI PIC-PePsPj PrPs 18 CḥPsPeC-PI. PḥP»C-PSC-C‡PSPëC...
PrPsC†P»C-PrP¶PµPSCḥ, C†PeC- PïPsCḥC-PIPSCḥPIP°P»Pë P± P·P°C†C,PSC†C†PIP°PSPSC†
PsP»P°PSP·P°PïC-PSC† Cr PïC-PrP»C-C,PeC-PI C,P° PrPsCḥPsC†P»PëC..., PSPµ
PïCḥPsPIPsPrPëP»Pë. PḥPrPSP°Pe PrP°PSC- P· PrPsC†P»C-PrP¶PµPSCḥ P·P° C†C‡P°C†C,C-
PrC-C,PµPNḡ PïPsCḥC-PIPSCḥPIP°P»PëC†C† P· CḥPµP·C†P»CḥC,P°C,P°PjPë
PrPsC†P»C-PrP¶PµPSCḥ P·P° C†C‡P°C†C,C- PrPsCḥPsC†P»PëC....

PḡPëP¶C‡Pµ PïPsPrP°PSPs PïPsP±C-C‡PSC- CḥPµP°PeC†C-C—, C%Ps
P·C†C†C,CḥC-C‡P°P»PëC†Cḥ C‡P°C†C,C-CëPµ Cr PïC-PrP»C-C,PeC-PI (PIC-PePsPj PIC-Pr 13-17
CḥPsPeC-PI), PSC-P¶ Cr PrPsCḥPsC†P»PëC..., P°P±Ps PïPsP±C-C‡PSC- CḥPµP°PeC†C-C—,
C%Ps P±C†P»Pë PIPëC†PIP»PµPSC- C,C-P»CḥPePë PïC-Pr C‡P°C†
PePsCḥPsC,PePsC,CḥPëPIP°P»PëC... PeP»C-PSC-C‡PSPëC... PrPsC†P»C-PrP¶PµPSCḥ Cr
PïC-PrP»C-C,PeC-PI. PḥP»C-PSC-C‡PSPs P·PSP°C‡C†C%Pµ P·P±C-P»CḥCëPµPSPSC† PjP°C†Pë
C,C-P»P° (≥ 7 %) C‡P°C†C,C-CëPµ C†PïPsC†C,PµCḥC-PiP°P»PsC†Cḥ Cr PïC-PrP»C-C,PeC-PI,
PïPsCḥC-PIPSC†PSPs P· PrPsCḥPsC†P»PëPjPë. PµC-Pr C‡P°C† PrPsPIPiPsC,CḥPëPIP°P»PsPiPs
P»C-PeC†PIP°PSPSC† (PSPµ PjPµPSCëPµ 24 C,PëP¶PSC-PI) PeP»C-PSC-C‡PSPs
P·PSP°C‡C†C%Pµ P·P±C-P»CḥCëPµPSPSC† PjP°C†Pë C,C-P»P° P±C†P»Ps PIPëC%PëPj, PSC-P¶
PïC-Pr C‡P°C† PePsCḥPsC,PePsC,CḥPëPIP°P»PsPiPs P»C-PeC†PIP°PSPSC†.

PḥP°C†C,PSC,C† PïPsP±C-C‡PSPëC... CḥPµP°PeC†C-PNḡ, P·P°P·PSP°C‡PµPSPëC... PSPëP¶C‡Pµ
P·P° P·PjPµPSCëPµPSPSC†Pj C‡P°C†C,PSC,Pë PïCḥPsC†PIC-PI, PIPëP·PSP°C‡P°CḥC,Cḥ
C,P°PePëPj C‡PëPSPsPj: PrC†P¶Pµ C‡P°C†C,Ps (≥ 1/10), C‡P°C†C,Ps (≥ 1/100 PrPs < 1/10).

P— P±PsPeC† PsP±PjC-PSC† CḥPµC‡PsPIPëPS C,P° C,CḥP°PIP»PµPSPSC† P”C†P¶Pµ C‡P°C†C,Ps: P·P±C-P»CḥCëPµPSPSC† PjP°C†Pë C,C-P»P° ¹³ , PïC-PrPIPëC%PµPSPSC† CḥC-PIPSC† C,CḥPëPiP»C-C†PµCḥPëPrC-PI ¹⁴ , PïC-PrPIPëC%PµPSPSC† P°PïPµC,PëC,C†. PḥP°C†C,Ps: PïC-PrPIPëC%PµPSPSC† CḥC-PIPSC† C...PsP»PµC†C,PµCḥPëPSC† ¹⁵ .
P— P±PsPeC† PSPµCḥPIPsPIPsC— C†PëC†C,PµPjPë P”C†P¶Pµ C‡P°C†C,Ps: C†PµPrP°C†C-C† (Cr C,PsPjC† C‡PëC†P»C- PïC-PiPµCḥC†PsPjPSC-C†, PjP»C†PIC-C†C,Cḥ, C†PsPSP»PëPIC-C†C,Cḥ).
P— P±PsPeC† CëP»C†PSPePsPIPs-PePëCëPePsPIPsPiPs C,CḥP°PeC,C† PḥP°C†C,Ps: C†C†C...C-C†C,Cḥ Cr CḥPsC,C-.
P— P±PsPeC† PiPµPiP°C,PsP±C-P»C-P°CḥPSPsC— C†PëC†C,PµPjPë P”C†P¶Pµ C‡P°C†C,Ps: PïC-PrPIPëC%PµPSPSC† CḥC-PIPSC† PïPµC‡C-PSPePsPIPëC... C,CḥP°PSC†P°PjC-PSP°P· (PḥP»PḥPÿ C,P° PḥC†PḥPÿ;

$P''C-P^{\circ}PiPSPsCfC, P\ddot{e}C\ddot{+}PSC-PrPsCfP\gg C-PrP\Pi P\mu PSPSC\ddot{+}$
 $P''CfP\Pi P\mu C\ddot{+}P^{\circ}CfC, Ps: P\cdot PSP\ddot{e}P\Pi P\mu PSPSC\ddot{+} C\ddot{+}C-PIPSC\ddot{+} P\cdot P^{\circ}PiP^{\circ}P\gg CH\ddot{+}PSPsPiPs$
 $P\pm C-P\gg C-C\ddot{+}CfP\pm C-PSCr, P\ddot{+}C-PrPIP\ddot{e}C\%P\mu PSPSC\ddot{+} C\ddot{+}C-PIPSC\ddot{+}$
 $PiP^{\circ}PjPjP^{\circ}PiP\gg CfC, P^{\circ}PjC-P\gg -C, C\ddot{+}P^{\circ}PSCfC, P\mu C\ddot{+}P^{\circ}P\cdot P\ddot{e}, P\ddot{+}C-PrPIP\ddot{e}C\%P\mu PSPSC\ddot{+}$
 $C\ddot{+}C-PIPSC\ddot{+} P\ddot{+}C\ddot{+}PsP\gg P^{\circ}PeC, P\ddot{e}PSCr Cr P\ddot{+}P\gg P^{\circ}P\cdot PjC- PeC\ddot{+}PsPIC^{-16}.$

¹³ $P\mu C-CfP\gg C\ddot{+} PePsC\ddot{+}PsC, PePsC\ddot{+}P^{\circ}CfPSPsPiPs P\gg C-PeCfPIP^{\circ}PSPSC\ddot{+} (CfP\mu C\ddot{+}P\mu PrPSC\ddot{+}$
 $C, C\ddot{+}P\ddot{e}PIP^{\circ}P\gg C-CfC, CH CfC, P^{\circ}PSPsPIP\ddot{e}P\gg P^{\circ} 22 PrPSC-) P\cdot P\pm C-P\gg CH\ddot{+}C\ddot{+}P\mu PSPSC\ddot{+} PjP^{\circ}CfP\ddot{e}$
 $C, C-P\gg P^{\circ} PSP^{\circ} \geq 7\% CfPiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} PrCfP\Pi P\mu C\ddot{+}P^{\circ}CfC, Ps (40,6\%$
 $PIP\ddot{e}PiP^{\circ}PrPeC-PI), PSP^{\circ} \geq 15\% CfPiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} C\ddot{+}P^{\circ}CfC, Ps (7,1\%$
 $PIP\ddot{e}PiP^{\circ}PrPeC-PI) C, P^{\circ} PSP^{\circ} B B B B B \geq 25\% Cr 2,5\% PIP\ddot{e}PiP^{\circ}PrPeC-PI. P\mu C-Pr C\ddot{+}P^{\circ}Cf$
 $PrPsPiPiPsC, C\ddot{+}P\ddot{e}PIP^{\circ}P\gg PsPiPs P\gg C-PeCfPIP^{\circ}PSPSC\ddot{+} (PSP\mu PjP\mu PSC\ddot{+}P\mu 24 C, P\ddot{e}P\Pi PSC-PI) Cr$
 $89,4\% PiP^{\circ}C\ddot{+}C-C''PSC, C-PI CfPiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} P\cdot P\pm C-P\gg CH\ddot{+}C\ddot{+}P\mu PSPSC\ddot{+}$
 $PjP^{\circ}CfP\ddot{e} C, C-P\gg P^{\circ} PSP^{\circ} \geq 7\%, Cr 55,3\% B\ddot{+} PSP^{\circ} \geq 15\% C, P^{\circ} Cr 29,1\% B\ddot{+} PSP^{\circ} \geq 25\%.$

¹⁴ $P\ddot{+}PiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} Cr PiP^{\circ}C\ddot{+}C-C''PSC, C-PI P\cdot PSPsC\ddot{+}PjP^{\circ}P\gg CH\ddot{+}PSP\ddot{e}Pj$
 $PiPsC\ddot{+}P^{\circ}C, PePsPIP\ddot{e}Pj C\ddot{+}C-PIPSP\mu Pj PSP^{\circ}C, C\%P\mu (< 1,016 PjPjPsP\gg CH/P\gg), C\ddot{+}PeP\ddot{e}P\ddot{+}$
 $P\ddot{+}C-PrPIP\ddot{e}C\%CfPIP^{\circ}PICfC\ddot{+} PrPs PIP\ddot{e}CfPsPePsPiPs (\geq 1,467 PjPjPsP\gg CH/P\gg), C, P^{\circ} C\ddot{+}C-P\cdot PeP\mu$
 $P\ddot{+}C-PrPIP\ddot{e}C\%P\mu PSPSC\ddot{+} C\ddot{+}C-PIPSC\ddot{+} C, C\ddot{+}P\ddot{e}PiP\gg C-C\ddot{+}P\mu C\ddot{+}P\ddot{e}PrC-PI PSP^{\circ}C, C\%P\mu P\cdot$
 $PiPsC\ddot{+}P^{\circ}C, PePsPiPsPiPs C\ddot{+}C-PIPSC\ddot{+} (\geq 1,016 PrPs < 1,467 PjPjPsP\gg CH/P\gg) PrPs$
 $PIP\ddot{e}CfPsPePsPiPs C\ddot{+}C-PIPSC\ddot{+} (\geq 1,467 PjPjPsP\gg CH/P\gg).$

¹⁵ $P\ddot{+}PiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} Cr PiP^{\circ}C\ddot{+}C-C''PSC, C-PI P\cdot PSPsC\ddot{+}PjP^{\circ}P\gg CH\ddot{+}PSP\ddot{e}Pj$
 $PiPsC\ddot{+}P^{\circ}C, PePsPIP\ddot{e}Pj C\ddot{+}C-PIPSP\mu Pj C...PsP\gg P\mu CfC, P\mu C\ddot{+}PsP\gg Cf PSP^{\circ}C, C\%P\mu P\cdot$
 $PiPsC\ddot{+}P^{\circ}C, PePsPiPsPiPs C\ddot{+}C-PIPSC\ddot{+} (< 4,39 PjPjPsP\gg CH/P\gg) PrPs PIP\ddot{e}CfPsPePsPiPs$
 $C\ddot{+}C-PIPSC\ddot{+} (\geq 5,17 PjPjPsP\gg CH/P\gg). P''CfP\Pi P\mu C\ddot{+}P^{\circ}CfC, Ps PiPsPIC-PrPsPjP\gg C\ddot{+}P\gg PsCfC\ddot{+}$
 $P\ddot{+}C\ddot{+}Ps C\ddot{+}C-P\cdot PeP\mu P\ddot{+}C-PrPIP\ddot{e}C\%P\mu PSPSC\ddot{+} C\ddot{+}C-PIPSC\ddot{+} P\cdot P^{\circ}PiP^{\circ}P\gg CH\ddot{+}PSPsPiPs$
 $C...PsP\gg P\mu CfC, P\mu C\ddot{+}PsP\gg Cf PSP^{\circ}C, C\%P\mu P\cdot PiPsC\ddot{+}P^{\circ}C, PePsPiPsPiPs C\ddot{+}C-PIPSC\ddot{+} (\geq 4,39 PrPs <$
 $5,17 PjPjPsP\gg CH/P\gg) PrPs PIP\ddot{e}CfPsPePsPiPs C\ddot{+}C-PIPSC\ddot{+} (\geq 5,17 PjPjPsP\gg CH/P\gg).$

¹⁶ $Pj 47,4\% P\ddot{+}C-PrP\gg C-C, PeC-PI CfPiPsCfC, P\mu C\ddot{+}C-PiP^{\circ}P\gg PsCfC\ddot{+} P\ddot{+}C-PrPIP\ddot{e}C\%P\mu PSPSC\ddot{+}$
 $C\ddot{+}C-PIPSC\ddot{+} P\ddot{+}C\ddot{+}PsP\gg P^{\circ}PeC, P\ddot{e}PSCr Cr P\ddot{+}P\gg P^{\circ}P\cdot PjC- PeC\ddot{+}PsPIC-.$

$P\ddot{+}P\mu C\ddot{+}PjC-PS P\ddot{+}C\ddot{+}P\ddot{e}PrP^{\circ}C, PSPsCfC, C-.$ 2 $C\ddot{+}PsPeP\ddot{e}.$

$PjPjPsPIP\ddot{e} P\cdot P\pm P\mu C\ddot{+}C-PiP^{\circ}PSPSC\ddot{+}.$ $P-P\pm P\mu C\ddot{+}C-PiP^{\circ}C, P\ddot{e} PI$
 $PsC\ddot{+}P\ddot{e}PiC-PSP^{\circ}P\gg CH\ddot{+}PSC-PN\ddot{+} CrPiP^{\circ}PePsPIC\ddot{+}C-, P\ddot{+}C\ddot{+}P\ddot{e} C, P\mu PjPiP\mu C\ddot{+}P^{\circ}C, CfC\ddot{+}C- PSP\mu$
 $PIP\ddot{e}C\%P\mu 25^{\circ}P\ddot{+}.$

$P-P\pm P\mu C\ddot{+}C-PiP^{\circ}C, P\ddot{e} Cr PSP\mu PrPsCfC, CfPiPSPsPjCf PrP\gg C\ddot{+} PrC-C, P\mu PN\ddot{+} PjC-CfC\ddot{+}C-.$

$PjPiP^{\circ}PePsPIP\ddot{e}P^{\circ}.$ $P\mu Ps 7 C, P^{\circ}P\pm P\gg P\mu C, PsPe Cr P\pm P\gg C-CfC, P\mu C\ddot{+}C-.$ $P\mu Ps 4$
 $P\pm P\gg C-CfC, P\mu C\ddot{+}P\ddot{e} Cr PeP^{\circ}C\ddot{+}C, PsPSPSC-PN\ddot{+} PePsC\ddot{+}PsP\pm C\ddot{+}C-.$

$B B B B B B B P\ddot{+}P^{\circ}C, P\mu PiPsC\ddot{+}C-C\ddot{+} PIC-PrPiCfCfPeCf.$ $P-P^{\circ} C\ddot{+}P\mu C\ddot{+}P\mu PiC, PsPj.$

$B B B B B B B$

B B B B B B B B P'PëCḡPsP±PSPëPe.

B B B B B B B B PḡPŷ B«PḡPrP°PjPμPr PḡP°CḡPjP°B», PḡPsP»CHC%oP°.

B B B B B B B B B B B B B B B B B B B

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCÍP°
PjC-CÍC†Cḡ PİCḡPsPIP°PrP¶PμPSPSCḡ PNḡPsPiPs PrC-CḡP»CHPSPsCÍC,C-.**

B B B B B B B B PICÍP». PḡP°CḡC€. P''P¶. PḡC-P»CÍCÍPrCÍCHPePsPiPs 5, 95-200,
PḡP°P±'CḡPSC-C†Pμ, PḡPsP»CHC%oP°.