

Pr Pk PŸ Pŷ P PJ Pľ P! P† Pİ

**PrP»Cİ PjPµPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±CÍ**

P—PhP>PĥPαP P•Pќ

B (ZOLAFREN)

PŸPeP»P°Pr:

*PrC-CHC‡P° CĤPµC‡PsPIPëPSP°: 1 C,P°P±P»PµC,PeP° PjC-CÍC,PëC,CH 5 PjPi P°P±Ps 10 PjPi
PsP»P°PSP·P°PiC-PSCÍ;*

*PrPsPiPsPjC-P¶PSC- CĤPµC‡PsPIPëPSPë: P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCĤP°C,,
C†PµP»CĤP»PsP·P° PjC-PeCĤPsPeCĤPëCÍC,P°P»C-C‡PSP°, PSP°C,CĤC-CĤ
PeCĤPsC...PjP°P»CHPiP»C-PePsP»CİC, (C,PëPİ Ph), PjP°PiPSC-CĤ CÍC,PµP°CĤP°C,,
PsP±PsP»PsPSPeP°: PiC-PrCĤPsPeCÍPëPİCĤPsPiC-P»PjPµC,PëP»C†PµP»CĤP»PsP·P°
(PiC-PiCĤPsPjPµP»PsP·P°), PiPsP»C-PµC,PëP»PµPSPiP»C-PePsP»CH (PhP°PeCĤPsPiPsP») 400,
P±P°CĤPIPSPëPe Yellow No.6 Al-Lake (P• 110), C,PëC,P°PSCÍ PrC-PsPeCÍPëPr (P• 171),
P·P°P»C-P·P° PsPeCÍPëPr P¶PsPIC,PëPNë (P• 172), P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCĤP°C,.*

P»C-PeP°CĤCÍCHPeP° C,,PsCĤPjP°. PŷP°P±P»PµC,PePë, PIPeCĤPëC,C- PsP±PsP»PsPSPePsCH.

*PhCÍPSPsPIpsc- C,,C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-: C,P°P±P»PµC,PePë
PiPs 5 PjPi: C,P°P±P»PµC,PePë P±PµP¶PµPIPsPiPs PePsP»CHPsCĤCÍ, PIPeCĤPëC,C-
PsP±PsP»PsPSPePsCH, PrPIPsPsPiCÍPeP»C-, P· CĤPsP·PiPsPrC-P»CHC‡PsCH CĤPëCÍPePsCH P·
PsPrPSPsPiPs P±PsPeCÍ, PrC-P°PjPµC,CĤPsPj 7 PjPj;*

*C,P°P±P»PµC,PePë PiPs 10 PjPi: C,P°P±P»PµC,PePë P±PµP¶PµPIPsPiPs PePsP»CHPsCĤCÍ,
PIPeCĤPëC,C- PsP±PsP»PsPSPePsCH, PrPIPsPsPiCÍPeP»C-, PrC-P°PjPµC,CĤPsPj 7 PjPj.*

PαP°CĤPjP°PePsC,PµCĤP°PiPµPIC,PëC‡PSP° PiCĤCÍPiP°.

PĥPSC,PëPiCÍPëC...PsC,PëC‡PSC- P·P°CÍPsP±Pë. PľPsPr PĥPŷPT N05A H03.B

PαP°CĤPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°.

*PhP»P°PSP·P°PiC-PS C" P°PSC,PëPiCÍPëC...PsC,PëC‡PSPëPj,
P°PSC,PëPjP°PSC-P°PeP°P»CHPSPëPj P»C-PeP°CĤCÍCHPePëPj P·P°CÍPsP±PsPj, CİPePëPNë
CÍC,P°P±C-P»C-P·CÍC" PSP°CÍC,CĤC-PNë, C-P· CëPëCĤPsPePëPj CÍPiPµPeC,CĤPsPj
C,,P°CĤPjP°PePsP»PsPiC-C‡PSPsC— PrC-C—, P·CÍPjPsPIP»PµPSPsC— PIPiP»PëPIPsPj PSP°*

C₇H₅C-P-PSC- C₇H₅μC†PμPīC,PsC₇H₅Pē. P'PēC₇IPIP»PμPSPs P·Pīb₇TM C₇IP·C₇IPIP°PSPSC₇ P·
 C₇IPμC₇PsC,PsPSC-PSPsPIPēPjPē C₇H₅μC†PμPīC,PsC₇H₅P°PjPē 5 P₆K₇P₂Ÿ_{2P₆/2P₇}, 5 P₆K₇P₃, 5 P₆K₇P₆,
 PrPsPīP°PjC-PSPsPIPēPjPē C₇H₅μC†PμPīC,PsC₇H₅P°PjPē D₁, D₂, D₃, D₄, D₅,
 PjC₇C₇PēP°C₇H₅PēPSPsPIPēPjPē C₇H₅μC†PμPīC,PsC₇H₅P°PjPē P₇Б₇Т₇"P₇Б₇,
 P°PrC₇H₅μPSPμC₇H₅PiC-C†PSPēPj C₇H₅μC†PμPīC,PsC₇H₅PsPj a₁ C- PiC-C₇IC,P°PjC-PSPsPIPēPj P₆K₁-
 C₇H₅μC†PμPīC,PsC₇H₅PsPj. Pj C...PsPrC- PrPsC₇IP»C-PrP₇IPμPSC₇ PīPsPIPμPrC-PSPePē
 C,PIP°C₇H₅PēPS, C₇IPePēPj PIPiPsPrPēP»Pē PsP»P°PSP·P°PīC-PS, PIPēC₇IPIP»PμPSPs
 P°PSC,P°PiPsPSC-P·Pj PsP»P°PSP·P°PīC-PSC₇ C₇IPe PrPs C₇IPμC₇PsC,PsPSC-PSPsPIPēC...
 C₇H₅μC†PμPīC,PsC₇H₅C-PI 5P₆K₇P₃, C,P°Pe C- PrPs PrPsPīP°PjC-PSPsPIPēC... C,P°
 C...PsP»C-PSPμC₇H₅PiC-C†PSPēC... PhP»P°PSP·P°PīC-PS PjP°C" PIPēC%PēPN₆ C₇H₅C-PIPμPSC₇
 P·Pīb₇TM C₇IP·C₇IPIP°PSPSC₇ P· C₇H₅μC†PμPīC,PsC₇H₅P°PjPē C₇IPμC₇PsC,PsPSC-PSC₇ 5P₆K₇P₂,
 PSC-P₇ P· C₇H₅μC†PμPīC,PsC₇H₅P°PjPē PrPsPīP°PjC-PSC₇ D₂, C₇ PjPsPrPμP»C₇IC... C₇IPe *in vitro*,
 C,P°Pe C- *in vivo*. P·P»PμPeC,C₇H₅PsC,,C-P·C-PsP»PsPiC-C†PSC- PrPsC₇IP»C-PrP₇IPμPSPSC₇
 PīPsPeP°P·P°P»Pē, C%Ps PsP»P°PSP·P°PīC-PS C₇IPμP»PμPeC,PēIPSPs P·PjPμPSC€C₇C"
 P·P±C₇PrP»PēPIC-C₇IC,CH PjPμP·PsP»C-PjP±C-C†PSPēC... (P₇10)
 PrPsPīP°PjC-PSPμC₇H₅PiC-C†PSPēC... PSPμPN₆C₇H₅PsPSC-PI, PīC₇H₅PsC₇IPIP»C₇IC₇C†Pē PīC₇H₅Pē
 C†CH₅PsPjC₇ PSPμP·PSP°C†PSPēPN₆ PIPiP»PēPI PSP° C₇IC,C₇H₅C-P°C₇H₅PSC- (P₇9) C€P»C₇IC...Pē,
 PīPsPīb₇TM C₇IP·P°PSC- P· PjPsC,PsC₇H₅PSPsC₇ C,,C₇IPSPeC†C-C"CH. PhP»P°PSP·P°PīC-PS
 PīP°P»CH₅PjC₇C" C₇PjPsPIPSPēPN₆ C₇H₅μC,,P»PμPeC₇ C₇IPSPēPePSPμPSPSC₇, C%Ps
 C₇IPIC-PrC†PēC,CH PīC₇H₅Ps PN₆PsPiPs P°PSC,PēPīC₇IPēC...PsC,PēC†PSC₇ P°PeC,PēIPSC-C₇IC,CH
 PīC₇H₅Pē PīC₇H₅PēPN₆PsPjC- PI PrPsP·P°C..., PjPμPSC€PēC..., PSC-P₇ PrPsP·Pē, C%Ps
 C₇IPiC₇H₅PēC†PēPSC₇IC₇CH,CH PeP°C,P°P»PμPīC₇IC-CH, C₇IPeP° C" PsP·PSP°PePsC₇
 PīPsP±C-C†PSPēC... PjPsC,PsC₇H₅PSPēC... PμC,,PμPeC,C-PI. P₆K° PIC-PrPjC-PSC₇ PIC-Pr
 PrPμC₇IPePēC... C-PSC€PēC... P°PSC,PēPīC₇IPēC...PsC,PēC†PSPēC... P»C-PeP°C₇IC₇CH₅PePēC...
 P·P°C₇IPsP±C-PI, PsP»P°PSP·P°PīC-PS PīPsC₇IPēP»CH₅C" C₇H₅μP°PeC†C-C— PSP°
 PīPsPrC₇H₅P°P·PSPēPePē PīC₇H₅Pē PīC₇H₅PsPIPμPrPμPSPSC- P°PSPeC₇IC-PsP»C-C,PēC†PSPsPiPs
 C,PμC₇IC,C₇.

PμC₇H₅Pē PsPrPSPsC₇H₅P°P·PsPIPpsPjC₇ PīC₇H₅PēPN₆PsPjC- 10 PjPi PsP»P°PSP·P°PīC-PSC₇ C₇
 C...PsPrC- PīPsP·PēC,C₇H₅PsPSPSPs-PμPjC-C₇IC-PN₆PSPsC— C,PsPjPsPiC₇H₅P°C,,C-C— (PμP·P₇) P·P°
 C₇C†P°C₇IC,CH PrPsP±C₇H₅PsPIPpsP»CH₅C†C-PI P·b₇TM C₇IC₇IPsPIP°PSPs, C%Ps
 PsP»P°PSP·P°PīC-PS PjP°PI P±C-P»CH₅C€PēPN₆ C₇H₅C-PIPμPSC₇ P·Pīb₇TM C₇IP·C₇IPIP°PSPSC₇ P·
 C₇H₅μC†PμPīC,PsC₇H₅P°PjPē 5 P₆K₇P_{2P₆}, PSC-P₇ P· PrPsPīP°PjC-PSPsPIPēPjPē
 C₇H₅μC†PμPīC,PsC₇H₅P°PjPē D₂. P₇Б₇Т₇C-Pj C,PsPiPs, C₇ C₇H₅μP·C₇IP»CH₅C,P°C,C- P°PSP°P»C-P·C₇
 P·PsP±C₇H₅P°P₇IPμPSC₇, PsC,C₇H₅PēPjP°PSPēC... PiC-Pr C†P°C₇ PrPsC₇IP»C-PrP₇IPμPSC₇
 PīP°C†C-C"PS₇C-PI, C...PIPSC₇H₅PēC... PSP° C€PēP·PsC,,C₇H₅μPSC-CH, PjPμC,PsPrPsPj
 PsPrPSPsC,,PsC,PsPSPSPsC— PμPjC-C₇IC-PN₆PSPsC— PePsPjPīb₇TM CH₅C,PμC₇H₅PSPsC—
 C,PsPjPsPiC₇H₅P°C,,C-C— (PhPαP·P₇Б₇Ÿ), P·b₇TM C₇IC₇IC₇IPIP°P»PsC₇IC₇, C%Ps C₇
 PīP°C†C-C"PS₇C-PI, C†C₇C,P»PēPIPēC... PrPs PsP»P°PSP·P°PīC-PSC₇, PjPμPSC€PēPN₆
 C₇H₅C-PIPμPSC₇ P·Pīb₇TM C₇IP·C₇IPIP°PSPSC₇ P·C- C₇IC,C₇H₅C-P°C₇H₅PSPēPjPē D₂-
 C₇H₅μC†PμPīC,PsC₇H₅P°PjPē, PSC-P₇ C₇ C-PSC€PēC... C†C₇C,P»PēPIPēC... PrPs
 P°PSC,PēPīC₇IPēC...PsC,PēPeC-PI C,P° C₇H₅μC₇IPiC-C₇H₅PēPrPsPSC₇ PīP°C†C-C"PS₇C-PI,
 C₇IPePēPN₆ PīPsC₇H₅C-PIPSC₇IPSPSPēPN₆ P· C,P°PePēPj C₇ PīP°C†C-C"PS₇C-PI,
 C†C₇C,P»PēPIPēC... PrPs PeP»PsP·P°PīC-PSC₇.

P₇Б₇Т₇»C-PSC-C†PSP° PμC,,PμPeC,PēIPSC-C₇IC,CH.

Pj PrPIPsC... C-P· PrPIPsC... PīP»P°C†PμP±Ps-PePsPSC,C₇H₅PsP»CH₅PsPIP°PSPēC... C- PrPIPsC...
 C-P· C,C₇H₅CH₅PsC... PīPsC₇H₅C-PIPSC₇IP»CH₅PSPs-PePsPSC,C₇H₅PsP»CH₅PsPIP°PSPēC...
 PrPsC₇IP»C-PrP₇IPμPSC₇ P· C₇C†P°C₇IC,CH PīPsPSP°Pr 2900 C...PIPSC₇H₅PēC... PSP°
 C€PēP·PsC,,C₇H₅μPSC-CH P· PīPsP·PēC,PēIPSPēPjPē C- PSPμPiP°C,PēIPSPēPjPē

PJ C...PsPrC- PSP°CÍ'C,CrPİPSPsPiPs 12-PjC-Cl'ClC†PSPsPiPs PrPsCl'P»C-PrP¶PµPSPSCİ¶
PiCḡPsC,,C-P»P°PeC,PëPePë CḡPµC†PëPrPëPIC-PI PjP°PSC-P°PeP°P»CHBPSPëC...
PµPiC-P·PsPrC-PI Cr PİP°C†C-C"PSC,C-PI, ClPeC- PrPsCl'ClPiP»Pë CḡPµPjC-Cl'C-C— Cr
CḡPµP·CrP»CHC,P°C,C- Cl'CrPiCrC,PSCHPsPiPs P»C-PeCrPIP°PSPSCİ¶ PsP»P°PSP·P°PiC-PSPsPj
C,P° P»C-C,C-C"Pj C- P·PiPsPrPsPj P±CrP»Pë CḡP°PSPrPsPjC-P·PsPIP°PSC- Cr PiCḡCrPİPë
PiCḡPëPNëPsPjCr PsP»P°PSP·P°PiC-PSCr P°P±Ps P»C-C,C-Cḡ PsPeCḡPµPjPs, PsP»P°PSP·P°PiC-PS
PSPµ PjP°PI Cl'C,P°C,PëCl'C,PëC†PSPs P·PSP°C†CrC%oPsC— PiPµCḡPµPIP°PiPë PSP°Pr
P»C-C,C-C"Pj Cr PeC-PSC†PµPIC-PNë C,PsC†C†C- PeCḡPëC,PµCḡC-Cḡ PsC†C-PSPePë

$\text{P}_{\mu}\text{C}\tilde{\text{H}}\text{P}_{\mu}\text{P}\text{P}^{\circ}\text{C}\tilde{\text{H}}\text{P}^{\circ}\text{C}$, $\text{P}\text{r}\text{P}\text{sP}\pm\text{C}\tilde{\text{H}}\text{P}_{\mu}$ $\text{P}\text{I}\text{C}\acute{\text{I}}\text{P}\text{jP}\text{sP}\text{eC},\text{C}\acute{\text{r}}\text{C}^{\prime\prime}\text{C},\text{C}\tilde{\text{H}}\text{C}\acute{\text{I}}\text{C}\text{I}\text{I}$ $\text{P}\text{i}\text{C}-\text{C}\acute{\text{I}}\text{P}\gg\text{C}\text{I}\text{I}$
 $\text{P}\text{iP}_{\mu}\text{C}\tilde{\text{H}}\text{P}\text{sC}\tilde{\text{H}}\text{P}^{\circ}\text{P}\gg\text{C}\tilde{\text{H}}\text{P}\text{S}\text{P}\text{sP}\text{iP}\text{s}$ $\text{P}\text{i}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\text{N}_{\text{e}}\text{P}\text{sP}\text{jC}\acute{\text{r}}$, C_{max} $\text{P}\text{N}_{\text{e}}\text{P}\text{sP}\text{iP}\text{s}$ $\text{C}\acute{\text{r}}$ $\text{P}\text{iP}\gg\text{P}^{\circ}\text{P}\cdot\text{P}\text{jC}-$ $\text{P}\text{eC}\tilde{\text{H}}\text{P}\text{sP}\text{I}\text{C}-$
 $\text{P}\text{r}\text{P}\text{sC}\acute{\text{I}}\text{C}\text{I}\text{I}\text{P}\text{iP}^{\circ}\text{C}^{\prime\prime}\text{C},\text{C}\tilde{\text{H}}\text{C}\acute{\text{I}}\text{C}\text{I}\text{I}$ $\text{C}\ddagger\text{P}_{\mu}\text{C}\tilde{\text{H}}\text{P}_{\mu}\text{P}\cdot$ $5\text{b}\tilde{\text{H}}^{\prime\prime}8$ $\text{P}\text{iP}\text{sP}\text{rP}\ddot{\text{e}}\text{P}\text{S}$. $\text{P}\acute{\text{K}}\text{P}^{\circ}$ $\text{P}\text{I}\text{C}\acute{\text{I}}\text{P}\text{jP}\text{sP}\text{eC},\text{C}\acute{\text{r}}\text{P}\text{I}\text{P}^{\circ}\text{P}\text{S}\text{P}\text{S}\text{C}\text{I}\text{I}$
 $\text{P}\text{sP}\gg\text{P}^{\circ}\text{P}\text{S}\text{P}\cdot\text{P}^{\circ}\text{P}\text{i}\text{C}-\text{P}\text{S}\text{C}\acute{\text{r}}$ $\text{P}\text{i}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\text{N}_{\text{e}}\text{P}\text{sP}\text{j}$ $\text{C}-\text{P}\P\text{I}\text{C}-$ $\text{P}\text{S}\text{P}_{\mu}$ $\text{P}\text{I}\text{P}\text{iP}\gg\text{P}\ddot{\text{e}}\text{P}\text{I}\text{P}^{\circ}\text{C}^{\prime\prime}$. $\text{P}\tilde{\text{h}}\text{P}\pm\text{C}\acute{\text{I}}\text{P}\text{sP}\gg\text{C}\tilde{\text{H}}\text{C},\text{P}\text{S}\text{P}^{\circ}$
 $\text{P}\pm\text{C}-\text{P}\text{sP}\text{rP}\text{sC}\acute{\text{I}}\text{C},\text{C}\acute{\text{r}}\text{P}\text{iP}\text{S}\text{C}-\text{C}\acute{\text{I}}\text{C},\text{C}\tilde{\text{H}}$ $\text{P}\text{sP}\gg\text{P}^{\circ}\text{P}\text{S}\text{P}\cdot\text{P}^{\circ}\text{P}\text{i}\text{C}-\text{P}\text{S}\text{C}\acute{\text{r}}$ $\text{P}\text{i}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}$ $\text{P}\text{iP}_{\mu}\text{C}\tilde{\text{H}}\text{P}\text{sC}\tilde{\text{H}}\text{P}^{\circ}\text{P}\gg\text{C}\tilde{\text{H}}\text{P}\text{S}\text{P}\text{sP}\text{jC}\acute{\text{r}}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\acute{\text{I}}\text{C},\text{P}\text{sC}\acute{\text{I}}\text{C}\acute{\text{r}}\text{P}\text{I}\text{P}^{\circ}\text{P}\text{S}\text{P}\text{S}\text{C}-$ $\text{P}\text{iP}\text{sC}\tilde{\text{H}}\text{C}-\text{P}\text{I}\text{P}\text{S}\text{C}\text{I}\text{I}\text{P}\text{S}\text{P}\text{s}$ $\text{C}-\text{P}\cdot$ $\text{P}\text{I}\text{P}\text{S}\text{C}\acute{\text{r}}\text{C},\text{C}\tilde{\text{H}}\text{C}-\text{C}\epsilon\text{P}\text{S}\text{C}\tilde{\text{H}}\text{P}\text{sP}\text{I}\text{P}_{\mu}\text{P}\text{S}\text{P}\text{S}\text{P}\ddot{\text{e}}\text{P}\text{j}$
 $\text{P}\text{S}\text{P}_{\mu}$ $\text{P}\text{I}\text{C}\acute{\text{I}}\text{C},\text{P}^{\circ}\text{P}\text{S}\text{P}\text{sP}\text{I}\text{P}\gg\text{P}_{\mu}\text{P}\text{S}\text{P}^{\circ}$.

P PsP·PiPsPrC-P».

P C-PIPμPSCb P·PiBTM CΠP·CfPIP°PSPSCΠ PsP»P°PSP·P°PiC-PSCr P· PiC₇PsC,PμC—PSP°PjPë
PiP»P°P·PjPë PeC₇PsPIC- C₇C,P°PSPsPIPëPI PiC₇PëP±P»PëP·PSPs 93 % PiC₇Pë
PePsPSC+PμPSC,C₇P°C+C— Cr PjPμP^ΠP°C... PIC-Pr 7 PSPI/PjP» PrPs 1000 PSPI/PjP».
PhP»P°PSP·P°PiC-PS P·PiBTM CΠP·CfC''C,CHC₇CΠ PiPμC₇PμPIP°P^ΠPSPs P·
P°P»CHP±CfPjC-PSPsPj C- a₁-PePëC₇P»PëPj PiP»C-PePsPiC₇PsC,PμC—PSPsPj.

P'C-PSc,C₇P°PSC₇C,,PsC₇PjP°C+C-Cl.

PhP»P°PSP·P°PiC-PS PjPμC,P°P±PsP»C-P·CfC''C,CHC₇CΠ Cr PiPμC+C-PSC+C- CëP»CΠC...PsPj
PePsPSbTM C₇PiP°C+C— C- PsPePëC₇PSPμPSPSCΠ. PhC₇PSPsPIPSPëPj
PjPμC,P°P±PsP»C-C,PsPj, C%Ps C+PëC₇PeCfP»C₇C'', C'' 10-N-PiP»C₇PeCfC₇PsPSC-Pr,
CΠPePëPN₆ PSPμ PiC₇PsC...PsPrPëC,CH PeC₇C-P·CH PiPμPjP°C,PsPμPSC+PμC,,P°P»C-C+PSPëPN₆
P±P°C₇bTM C''C₇. PiPëC,PsC...C₇PsPjPë P450-CYP1A2 C- P450-CYP2D6 C₇PiC₇PëCΠC₇C,CH
C,,PsC₇PjCfPIP°PSPSC₇ PjPμC,P°P±PsP»C-C,C-PI N-PrPμP·PjPμC,PëP»Cf C- 2-
PiC-PrC₇PsPeC₇PëPjPμC,PëP»Cf, CΠPeC- PiC₇PsCΠIP»CΠP»Pë P·PSP°C+PSPs PjPμPSCëCf
C,,P°C₇PjP°PePsP»PsPiC-C+PSCr P°PeC,PëPIPSC-C₇C,CH *in vivo*, PSC-P^Π PsP»P°PSP·P°PiC-PS,
Cf C...PsPrC- PrPsC₇P»C-PrP^ΠPμPSCb PSP° C,PIP°C₇PëPSP°C.... PhC₇PSPsPIPSP°
C,,P°C₇PjP°PePsP»PsPiC-C+PSP° P°PeC,PëPIPSC-C₇C,CH P·CfPjPsPIP»PμPSP°
PiPμC₇PIPëPSPSPëPj PsP»P°PSP·P°PiC-PSPsPj.

P'PëPIPμPrPμPSPSCΠ.

PμC-C₇P»CΠ PiPμC₇PsC₇P°P»CHbPSPsPiPs P·P°C₇C,PsC₇CfPIP°PSPSCΠ C₇PμC₇PμPrPSC-PN₆
PiPμC₇C-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCΠ PsP»P°PSP·P°PiC-PSCr Cr
PrPsP±C₇PsPIPsP»CHC+C-PI PePsP»PëPIP°PIC₇CΠ P·P°P»PμP^ΠPSPs PIC-Pr PIC-PeCf C,P°
C₇C,P°C,C-.

Pj P·PrPsC₇PsPIPëC... PrPsP±C₇PsPIPsP»CHC+C-PI P»C-C,PSCHbPsPiPs PIC-PeCf (PIC-Pr 65
C₇PsPeC-PI) PiPsC₇C-PIPSCΠPSPs P· PjPsP»PsPrCëPëPjPë P·P° PIC-PePsPj
PrPsP±C₇PsPIPsP»CHC+CΠPjPë C₇PμC₇PμPrPSC-PN₆ PiPμC₇C-PsPr
PSP°PiC-PIIPëPIPμPrPμPSPSCΠ P±CfPI C,C₇PëPIP°P»C-CëPëPN₆ (51,8 PiC₇PsC,Pë 33,8
PiPsPrPëPSPë), PeP»C-C₇PμPSC₇ Cr PiP»P°P·PjC- P±CfPI P·PSPëP^ΠPμPSPëPN₆ (17,5 PiC₇PsC,Pë
18,2 P»/PiPsPr). PαP°C₇PjP°PePsPeC-PSPμC,PëC+PSC- PePsP»PëPIP°PSPSCΠ, C%Ps
C₇PiPsC₇C,PμC₇C-PiP°P»PëC₇CΠ Cr PrPsP±C₇PsPIPsP»CHC+C-PI P»C-C,PSCHbPsPiPs
PIC-PeCf, P·PSP°C...PsPrCΠC,CHC₇CΠ Cr PjPμP^ΠP°C... PrC-P°PiP°P·PsPSCr PjPsP»PsPrCëPëC...
PrPsP±C₇PsPIPsP»CHC+C-PI. Pj 44 C...PIPsC₇PëC... PSP° CëPëP·PsC,,C₇PμPSC-C₇ PIC-PePsPj >
65 C₇PsPeC-PI PrPsP·CfPIP°PSPSCΠ PIC-Pr 5 PrPs 20 PjPi/PrPsP±Cf PSPμ P±CfP»Ps
PiPsPiBTM CΠP·P°PSPs P· P^ΠPsPrPSPëPj C...P°C₇P°PeC,PμC₇PSPëPj PiC₇PsC,,C-P»PμPj
PSPμP±P°P^ΠP°PSPëC... CΠIPëC%.

Pj P^ΠC-PSPsPe PiPsC₇C-PIPSCΠPSPs P· C+PsP»PsPIC-PeP°PjPë C₇PμC₇PμPrPSC-PN₆
PiPμC₇C-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCΠ P±CfPI C,C₇PëPIP°P»C-CëPëPN₆ (36,7
PiC₇PsC,Pë 32,3 PiPsPrPëPSPë), P° PeP»C-C₇PμPSC₇ Cr PiP»P°P·PjC- P±CfPI
P·PSPëP^ΠPμPSPëPN₆ (18,9 PiC₇PsC,Pë 27,3 P»/PiPsPr). PhPrPSP°Pe PiC₇PsC,,C-P»CH
P±PμP·PiPμPePë PsP»P°PSP·P°PiC-PSCr (5b₇"20 PjPi) P±CfPI PiPsC₇C-PIPSCΠPSPSPëPN₆ Cr
P^ΠC-PSPsPe (N = 467) C- Cr C+PsP»PsPIC-PeC-PI (N = 869).

PμP°C+C-C''PSC,Pë P· PSPëC₇PePsPIPsC₇ PSPμPrPsC₇C,P°C,PSC-C₇C,C₇.

Pj PiP°C+C-C''PSC,C-PI P· PSPëC₇PePsPIPsC₇ PSPμPrPsC₇C,P°C,PSC-C₇C,C₇ (PeP»C-C₇PμPSC₇

PeC₇PμP°C, PēPSC-PSCr < 10 PjP»/C...PI) PīPsC₇C-PIPSC₇IPSPs P·C- P·PrPsC₇PsPIPēPjPē
 PrPsP±C₇PsIPsP»CHC†C₇PjPē PSPμ P±C₇P»Ps C-C₇C, PsC, PSPsC— C₇C-P·PSPēC†C- Cr
 PīPsPeP°P·PSPēPeP°C... C₇PμC₇PμPrPSC₇HPsPiPs PīPμC₇C-PsPrC₇
 PSP°PīC-PIPIPēPIPμPrPμPSPSC₇ (37,7 PīC₇PsC, Pē 32,4 PiPsPrPēPSPē) P°P±Ps
 PeP»C-C₇PμPSC₇C₇ Cr PīP»P°P·PjC- PeC₇PsPIC- (21,2 PīC₇PsC, Pē 25,0 P»/PiPsPr).
 P°PSC₇P»C-PrP₇IPμPSPSC₇ PīPsPeP°P·P°P»Pē, C%Ps PīC₇PēP±P»PēP·PSPs 57 %
 PsP»P°PSP·P°PīC-PSC₇ P· C₇P°PrC-PsP°PeC, PēPIPSPsC₇ PjC-C, PePsC₇ PīC₇PēC₇C₇C, PSC- PI
 C₇PμC†C-, PiPsP»PsPIPSPēPj C†PēPSPsPj Cr PIPēPiP»C₇IPrC- PjPμC, P°P±PsP»C-C, C-PI.

PμPsC₇C₇CēPμPSPSC₇ C,,C₇PSPeC†C-C— PīPμC†C-PSPePē.

P₇PμPIPμP»PēPePμ PrPsC₇P»C-PrP₇IPμPSPSC₇ PIPiP»PēPIC₇ PīPsC₇C₇CēPμPSPSC₇
 C,,C₇PSPeC†C-C— PīPμC†C-PSPePē Cr 6 C₇C₇P±B₇TM C°PeC, C-PI C-P· PeP»C-PSC-C†PSPs
 P·PSP°C†C₇C%PēPj C†PēC₇PsP·PsPj (PeP»P°C₇ A (n = 5) C- B (n = 1) P·P°
 PeP»P°C₇PēC,,C-PeP°C†C-C°C₇ P₇P°PNēP»PrP° B₇ PμB₇TM C₇) PIPēC₇IPiPēP»Ps
 PSPμP·PSP°C†PSPēPNē PIPiP»PēPI PSP° C,,P°C₇PjP°PePsPeC-PSPμC, PēPeC₇
 PīPμC₇PsC₇P°P»CHPSPsPiPs PsP»P°PSP·P°PīC-PSC₇ (C₇P°P·PsPIP° PrPsP·P° 2,5B₇“7,5 PjPi):
 C₇C₇P±B₇TM C°PeC, Pē P· P»PμPiPePsC₇ C, P° PīPsPjC-C₇PSPsC₇ PrPēC₇C,,C₇PSPeC†C-C°C₇
 PīPμC†C-PSPePē PjP°P»Pē PrPμC%Ps PīC-PrPIPēC%PμPSPēPNē C₇PēC₇C, PμPjPSPēPNē
 PeP»C-C₇PμPSC₇ C- CēPIPēPrCēPēPNē PīPμC₇C-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSC₇
 PīPsC₇C-PIPSC₇IPSPs P· C₇C₇P±B₇TM C°PeC, P°PjPē P±PμP· PīPμC†C-PSPePsIPsC—
 PrPēC₇C,,C₇PSPeC†C-C— (n = 3). P₇PμC₇PμPr C₇C₇P±B₇TM C°PeC, C-PI C-P· C†PēC₇PsP·PsPj
 P±C₇P»Ps P±C-P»CHCēPμ PeC₇C₇C†C-PI (4/6; 67 %), PSC-P₇ C₇PμC₇PμPr
 C₇C₇P±B₇TM C°PeC, C-PI P±PμP· PīPsC₇C₇CēPμPSPSC₇ C,,C₇PSPeC†C-C— PīPμC†C-PSPePē (0/3; 0
 %).

PμP°C†C-C°PSC, Pē, C₇IPeC- PīP°P»C₇C, CH.

Pj PSPμPeC₇C†C-PI PīPsC₇C-PIPSC₇IPSPs P· PeC₇C₇C†C₇PjPē (C†PsP»PsPIC-PePē C, P°
 P₇IP-C-PSPePē) C₇PμC₇PμPrPSC-PNē PīPμC₇C-PsPr PSP°PīC-PIPIPēPIPμPrPμPSPSC₇ P±C₇Pi
 C, C₇PēPIP°P»C-CēPēPNē (38,6 PīC₇PsC, Pē 30,4 PiPsPrPēPSPē), P° PeP»C-C₇PμPSC₇ Cr
 PīP»P°P·PjC- P±C₇Pi P·PSPēP₇IPμPSPēPNē (18,6 PīC₇PsC, Pē 27,7 P»/PiPsPr).

P₇P»C-C₇PμPSC₇ PsP»P°PSP·P°PīC-PSC₇ Cr PīP»P°P·PjC- PSPēP₇IPμPSPēPNē Cr
 PīP°C†C-C°PSC, C-PI P»C-C, PSC₇HPsPiPs PIC-PeC₇ PīPsC₇C-PIPSC₇IPSPs P· PjPsP»PsPrPēPjPē, Cr
 P₇IP-C-PSPsPe PīPsC₇C-PIPSC₇IPSPs P· C†PsP»PsPIC-PeP°PjPē C, P° Cr PSPμPeC₇C†C-PI
 PīPsC₇C-PIPSC₇IPSPs P· PeC₇C₇C†C₇PjPē. P† PIC₇Pμ P₇IP C, P°PeC- C,,P°PeC, PsC₇Pē, C₇IPe
 PIC-Pe, C₇C, P°C, CH C, P° PīP°P»C-PSPSC₇, PjP°P»Ps PjPsP₇IPrC, CH PIPiP»PēPIP°C, Pē PSP°
 PeP»C-C₇PμPSC₇ PsP»P°PSP·P°PīC-PSC₇ Cr PīP»P°P·PjC- PeC₇PsPIC- C, P° PīPμC₇C-PsPr
 PSP°PīC-PIPIPēPIPμPrPμPSPSC₇ PīPsC₇C-PIPSC₇IPSPs C-P· PIC-PrPjC-PSPSC-C₇C, C₇ C†PēC...
 PīPsPeP°P·PSPēPeC-PI Cr C₇C-P·PSPēC... PsC₇C-P±.

Pj C...PsPrC- PrPsC₇P»C-PrP₇IPμPSC₇ P· C₇C†P°C₇C, C₇ PīP°C†C-C°PSC, C-PI
 C₇IPiPsPSC₇C₇HPePsC— C, P° PePēC, P°PNēC₇CHPePsC— PSP°C†C-PsPSP°P»CHPSPsC₇C, PμPNē
 PIC-PrPjC-PSPSPsC₇C, PμPNē Cr C,,P°C₇PjP°PePsPeC-PSPμC, PēC†C- PsP»P°PSP·P°PīC-PSC₇
 PjC-P₇IP C, C₇CHHPsPjP° PīPsPīC₇P»C₇C†C-C₇PjPē PSPμ PIPēC₇IPiP»PμPSPs.

P°C-C, Pē.

PμC-PrP»C-C, PePē (PIC-PePsPj PIC-Pr 13 PrPs 17 C₇PsPeC-PI):

C,,P°CTHPjP°PePsPeC-PSPµC,PëPeP° PsP»P°PSP·P°PïC-PSCr' C' PïC-PrP»C-C,PeC-PI C-PrPsCTHPsCÍP»PëC... PïPsPrC-P±PSP°. PJ C...PsPrC- PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCñ CÍPµCTHPµPrPSC-PNë PIPïP»PëPI PsP»P°PSP·P°PïC-PSCr' P±C'PI PïCTHPëP±P»PëP·PSPs PSP° 27 % PIPëC%oPëPNë C' PïC-PrP»C-C,PeC-PI. P"µPjPsPiCTHP°C,,C-C±PSC- PIC-PrPjC-PSPSPsCÍC,C- PjC-P¶ PïC-PrP»C-C,PeP°PjPë C-PrPsCTHPsCÍP»PëPjPëB PIPeP»CTHC±P°CTHC,CH PSPëP¶C±C' CÍPµCTHPµPrPSCñ PjP°CÍC' C,C-P»P° C,P° PjPµPSCëC' PeC-P»CHPeC-CÍC,CH PeC'CTHC±C-PI CÍPµCTHPµPr PïP°C±C-C" PSC,C-PI PïC-PrP»C-C,PePsPIPSPiPs PIC-PeC'. PÿP°PeC- C,,P°PeC,PsCTHPë, PNëPjPsPIC-CTHPSPs, CÍPïCTHPëCÍCTHC,CH PIPëC%oPsPjC' CÍPµCTHPµPrPSCñPsPjC' PµC,,PµPeC,C' PsP»P°PSP·P°PïC-PSCr', C%oPs CÍPïPsCÍC,PµCTHC-PiP°PICÍCÍ C' PïC-PrP»C-C,PeC-PI.

B

P"PsPeP»C-PSC-C±PSC- PrP°PSC- P· P±PµP·PiPµPePë

P"PsCÍC,CTHP° (PsPrPSPsCTHP°P·PsPIP°) C,PsPeCÍPëC±PSC-CÍC,CH

PhP·PSP°PePë PïPµCTHPsCTHP°P»CHPSPsC— C,PsPeCÍPëC±PSPsCÍC,C- C' PïCTHPëP·C'PSC-PI P±C'P»Pë C...P°CTHP°PeC,PµCTHPSPëPjPë PrP»CÍ PïPsC,C'P¶PSPëC... PSPµPNëCTHPsP»PµPïC,PëC±PSPëC... CÍPïPsP»C'Pe: PïC-PïPsP°PeC,PëPIPSC-CÍC,CH, PePsPjP°, C,CTHPµPjPsCTH, PeP»PsPSC-C±PSC- CÍC'PrPsPjPë, CÍP»PëPSPsPIPëPrC-P»PµPSPSCÍ C,P° P·PSPëP¶PµPSPëPNë PSP°P±C-CTH PIP°PiPë. PÿPµCTHPµPrPSC- P»PµC,P°P»CHPSC- PrPsP·Pë CÍC,P°PSPsPIPëP»Pë PïCTHPëP±P»PëP·PSPs 210 PjPi/PePi (PjPëCëC-) C- 175 PjPi/PePi (C%oC'CTHPë). PÿPsP±P°PePë PïPµCTHPµPSPsCÍPëP»Pë CTHP°P·PsPIC- PïPµCTHPsCTHP°P»CHPSC- PrPsP·Pë PrPs 100 PjPi/PePi P±PµP· P»PµC,P°P»CHPSPëC... PSP°CÍP»C-PrPeC-PI. PñP»C-PSC-C±PSC- PsP·PSP°PePë PIPeP»CTHC±P°P»Pë CÍPµPrP°C±C-CTH, P°C,P°PeCÍC-CTH, C,CTHPµPjPsCTH, PïCTHPëCÍPePsCTHPµPSPµ CÍPµCTHC±PµP±PëC,C,CÍ, C'CTH,C'PrPSPµPSPµ PrPëC...P°PSPSCÍ, PjC-PsP· C,P° P°PSPsCTHPµPeCÍC-CTH. PJ PjP°PIPï PsPrPSPsCTHP°P·PsPIC- PïPµCTHPsCTHP°P»CHPSC- PrPsP·Pë PrPs 100 PjPi/PePi PïCTHPëP·PIPsPrPëP»Pë PrPs PïCTHPsCÍC,CTHP°C±C-C—, P° P±C-P»CHCë PIPëCÍPsPeC- PrPsP·Pë Bñ" PrPs PSP°PïC-PIPSPµPïCTHPëC,PsPjPSPsPiPs CÍC,P°PSCr'.

PÿPsPeCÍPëC±PSC-CÍC,CH PïPsPIC,PsCTHPSPsPiPs PIPIPµPrPµPSPSCÍ

PJ PrPsCÍP»C-PrP¶PµPSPSCÍC... C,CTHPëPIP°P»C-CÍC,CTH PrPs 3 PjC-CÍCÍC±C-PI (PSP° PjPëCëP°C...) C- PrPs 1 CTHPsPeC' (PSP° C%oC'CTHP°C... C,P° CÍPsP±P°PeP°C...) PïPµCTHPµPIP°P¶PSPëPjPë PµC,,PµPeC,P°PjPë P±C'P»Pë PïCTHPëPiPSC-C±PµPSPSCÍ C±PµPSC,CTHP°P»CHPSPsC— PSPµCTHIPsPiPsC— CÍPëCÍC,PµPjPë (P|PëPÿ), P°PSC,PëC...PsP»C-PSPµCTHPiC-C±PSC- PµC,,PµPeC,Pë C,P° PïPµCTHPëC,,PµCTHPëC±PSC- PiPµPjP°C,PsP»PsPiC-C±PSC- CTHPsP·P»P°PrPë. PÿPïPsCÍC,PµCTHC-PiP°PICÍCÍ CTHPsP·PIPëC,PsPe C,PsP»PµCTHP°PSC,PSPsCÍC,C- PrPs PïCTHPëPiPSC-C±PµPSPSCÍ P|PëPÿ. PµP°CTHP°PjPµC,CTHPë CTHPsCÍC,C' P±C'P»Pë P·PSPëP¶PµPSC- PïCTHPë PIPëCÍPsPePëC... PrPsP·P°C.... PhP±PsCTHPsC,PSC- PµC,,PµPeC,Pë, C%oPs PIC-PrPïPsPIC-PrP°P»Pë PïC-PrPIPëC%oPµPSPsPjC' CTHC-PIPSCñ PïCTHPsP»P°PeC,PëPSCr' C' C%oC'CTHC-PI, PIPeP»CTHC±P°P»Pë P·PjPµPSCëPµPSPSCÍ PjP°CÍPë CÍC" C±PSPëPeC-PI C- PjP°C,PePë C,P° PjPsCTHC,,PsP»PsPiC-C±PSC- P·PjC-PSPë PIP°PiC-PSP°P»CHPSPsPiPs PµPïC-C,PµP»C-CTH C,P° PjPsP»PsC±PSPsC— P·P°P»PsP·Pë.

P"µPjP°C,PsP»PsPiC-C±PSP° C,PsPeCÍPëC±PSC-CÍC,CH

P'PïP»PëPI PSP° PiPµPjP°C,PsP»PsPiC-C±PSC- PïP°CTHP°PjPµC,CTHPë P±C'P»Ps

PIPëCIIPIP»PµPSPs Cr PePsP¶PSPsPiPs PIPëPrCr, P·PsPeC¶PµPjP° P·P°P»PµP¶PSPµ PIC-Pr PrPsP·Pë P·PSPëP¶PµPSPSCI C¶C-PIPSCI C†PëC¶PeCrP»C¶PIP°P»CHPSPëC... P»PµPNëPePsC†PëC,C-PI Cr PjPëC¶PµPNë C- PSPµC¶PµC†PëC,,C-C†PSPµ P·PSPëP¶PµPSPSCI C¶C-PIPSCI C†PëC¶PeCrP»C¶PIP°P»CHPSPëC... P»PµPNëPePsC†PëC,C-PI Cr C%oCrC¶C-PI; PsPrPSP°Pe PrPsPeP°P·C-PI C†PëC,PsC,PsPeC¶PëC†PSPsC¶C,C- PeC-C¶C,PePsPIPsPiPs PjPsP·PeCr PSPµ PIPëCIIPIP»PµPSPs. PhP±PsC¶PsC,PSP° PSPµPNëC,C¶PsPiPµPSC-C¶, C,C¶PsPjP±PsC†PëC,PsPiPµPSC-C¶ P°P±Ps P°PSPµPjC-C¶ C¶PsP·PIPëPSCrP»P°C¶CH Cr PeC-P»CHPePsC... C¶PsP±P°Pe, C¶PeC- PsC,C¶PëPjCrPIP°P»Pë 8 P°P±Ps 10 PjPi/PePi/PrPµPSC¶ (P·P°PiP°P»CHPSP° PµPeC¶PiPsP·PëC†C-C¶ PsP»P°PSP·P°PiC-PSCr [PiP»PsC%oP° PiC-Pr PeC¶PëPIPsC¶] Cr 12B¶“15 C¶P°P·C-PI P±C-P»CHC¶P°, PSC-P¶ Cr P»C¶PrPëPSPë, C¶PeP° PsC,C¶PëPjCrPIP°P»P° PrPsP·Cr 12 PjPi). PJ C¶PsP±P°Pe P· C†PëC,PsPiPµPSC-C”C¶ PSPµ P±C†P»Ps PiPsP±C-C†PSPëC... PµC,,PµPeC,C-PI PSP° PeP»C-C,PëPSPë-PiPsPiPµC¶PµPrPSPëPePë C,P° PiC¶PsP»C-C,,PµC¶CrPIP°P»CHPSC- PeP»C-C,PëPSPë PI PeC-C¶C,PePsPIPsPjCr PjPsP·PeCr.

P PµPiC¶PsPrCrPeC,PëPIPSP° C,PsPeC¶PëC†PSC-C¶C,CH

PhP»P°PSP·P°PiC-PS PSPµ PjP°PI C,PµC¶P°C,PsPiPµPSPSPsC— PrC-C—. P¶PµPrP°C†C-C¶ PIPiP»PëPSCrP»P° PSP° PiC¶PsPrCrPeC,PëPIPSC-C¶C,CH C¶PiP°C¶PsPICrPIP°PSPSCI C¶P°PjC†C-PI C%oCrC¶C-PI. P”PsP·Pë 1,1 PjPi/PePi (Cr 3 C¶P°P·Pë PiPµC¶PµPIPëC%oCrPIP°P»Pë PjP°PeC¶PëPjP°P»CHPSCr PrPsP·Cr PrP»C¶ P»C¶PrPëPSPë) PIPiP»PëPIP°P»Pë PSP° PµC¶C,C¶P°P»CHPSPëPNë C†PëPeP» Cr C%oCrC¶C-PI, P° PrPsP·Pë 3 PjPi/PePi (PI 9 C¶P°P·C-PI PiPµC¶PµPIPëC%oCrPIP°P»Pë PjP°PeC¶PëPjP°P»CHPSCr PrPsP·Cr PrP»C¶ P»C¶PrPëPSPë) PIPiP»PëPIP°P»Pë PSP° PiP°C¶P°PjPµC,C¶Pë PIC-PrC,PIPsC¶PµPSPSCI. PJ PiPsC,PsPjC¶C,PIP° C%oCrC¶C-PI, C¶PeC- PsC,C¶PëPjCrPIP°P»Pë PsP»P°PSP·P°PiC-PS, C¶PiPsC¶C,PµC¶C-PiP°P»PëC¶C¶ P·P°C,C¶PëPjPeP° PIPSCrC,C¶C-C¶PSC¶PsCrC,C¶PsP±PSPsPiPs C¶PsP·PIPëC,PeCr C,P° C,PëPjC†P°C¶PsPIPµ P·PSPëP¶PµPSPSCI C¶C-PIPSCI P°PeC,PëPIPSPsC¶C,C- PiPsC,PsPjC¶C,PIP°.

P¶CrC,P°PiPµPSPSC-C¶C,CH

PhP»P°PSP·P°PiC-PS PSPµ P±C†PI PjCrC,P°PiPµPSPSPëPj P°P±Ps PeP»P°C¶C,PsPiPµPSPSPëPj Cr PiPsPIPSPsPjCr C¶PiPµPeC,C¶C- C¶C,P°PSPrP°C¶C,PSPëC... C,PµC¶C,C-PI, C¶PµC¶PµPr C¶PePëC... C,PµC¶C,Pë PSP° P±P°PeC,PµC¶C-P°P»CHPSCr PjCrC,P°C†C-C¶ C- C,PµC¶C,Pë *in vitro* C,P° *in vivo* PSP° C¶C¶P°PIC†C¶C....

P¶P°PSC†PµC¶PsPiPµPSPSC-C¶C,CH

P¶P° PiC-PrC¶C,P°PIC- C¶PµP·CrP»CHC,P°C,C-PI PrPsC¶P»C-PrP¶PµPSC¶ PSP° PjPëC¶P°C... C- C%oCrC¶P°C... P±C†P»Ps P·C¶PsP±P»PµPSPs PIPëC¶PSPsPIPsPe, C%oPs PsP»P°PSP·P°PiC-PS PSPµ C” PeP°PSC†PµC¶PsPiPµPSPSPëPj.

P¶P»C-PSC-C†PSC- C...P°C¶P°PeC,PµC¶PëC¶C,PëPePë.

PµPsPeP°P·P°PSPSCI.

PhP»P°PSP·P°PiC-PS PiPsPeP°P·P°PSPëPNë PrP»C¶ P»C-PeCrPIP°PSPSCI C¶PëP·PsC,,C¶PµPSC-C—.

PhP»P°PSP·P°PiC-PS PµC,,PµPeC,PëPIPSPëPNë PrP»C¶ PiC-PrC,C¶PëPjP°PSPSCI PrPsC¶C¶PiPSCrC,PsPiPs PeP»C-PSC-C†PSPsPiPs PµC,,PµPeC,Cr PiC-Pr C†P°C¶

C, C₇H₆PIP°P»PsC— C, P_μC₇H₆P°P_iC—C— C₇ P_iP°C₇C—C°PSC, C—PI, C₇ C₇IPeP_eC...
C₇P_iPsC₇C, P_μC₇H₆—P_iP°P»P°C₇C₇ PIC—PrP_iPsPIC—PrCH₆ PSP° P_iPsC₇P°C, PePsPIC₇
C, P_μC₇H₆P°P_iC—C₇.

P_hP»P°PSP·P°P_iC—PS P_iPsPeP°P·P°PSP_ePN_e PrP»C₇ P»C—PeC₇PIP°PSPSC₇
P_jP°PSC—P°PeP°P»CH₆PSP_eC... P_μP_iC—P·PsPrC—PI P_iPsP_jC—C₇PSPsP_iPs C, P° C, C₇IP₇PePsP_iPs
C₇C, C₇P_iP_μPSC₇.

P_hP»P°PSP·P°P_iC—PS P_iPsPeP°P·P°PSP_ePN_e PrP»C₇ P_iC₇PsC,, C—P»P°PeC, P_ePeP_e
P_iPsPIC, PsC₇PSP_eC... PSP°P_iP°PrC—PI C₇ P_iP°C₇C—C°PSC, C—PI P· P±C—P_iPsP»C₇C₇PSP_eP_jP_e
C₇PsP·P»P°PrP°P_jP_e, C₇ C₇IPeP_eC... P±C₇P»Ps PsC, C₇H₆P_jP°PSPs P_iPsP·P_eC, P_ePIPSC₇
PIC—PrP_iPsPIC—PrCH₆ P_iC₇H₆ P»C—PeC₇PIP°PSPSC— PsP»P°PSP·P°P_iC—PSPsP_j P_jP°PSC—C—.

P_μC₇H₆PsC, P_eP_iPsPeP°P·P°PSPSC₇.

P_μC—PrPIP_eC%P_μPSP° C₇C₇C, P»P_ePIC—C₇C, CH₆ PrPs PrC—C₇C₇PsC— C₇P_μC₇PsPIP_ePSP_e P°P±Ps
PrPs PrPsP_iPsP_jC—P₇PSP_eC... PePsP_jP_iPsPSP_μPSC, C—PI P»C—PeP°C₇C₇CH₆PePsP_iPs P·P°C₇PsP±C₇;
PIC—PrPsP_jP_ePN_e C₇H₆P_e·P_ePe P·P°PeC₇H₆C, PsPeC₇C, PsPIP₇C— P_iP»P°C₇PePsP_jP_e.

P·P·P°C°P_jPsPrC—C₇ P· C—PSC₇PeP_jP_e P»C—PeP°C₇C₇CH₆PeP_eP_jP_e P·P°C₇PsP±P°P_jP_e C, P° C—PSC₇C— PIP_ePrP_e PIP·P°C°P_jPsPrC—PN_e.

P°P₇C₇C₇P»C—PrP₇P_μPSPSC₇ PIP·P°C°P_jPsPrC—C— P· C—PSC₇PeP_jP_e P»C—PeP°C₇C₇CH₆PeP_eP_jP_e
P·P°C₇PsP±P°P_jP_e P_iC₇PsPIP₇PrP_eP»P_e C, C—P»CH₆PeP_e P· C₇C₇P°C₇C, CH₆ PrPsC₇PsC₇P»P_eC....

P P_μC₇PsPIP_ePSP_e, C%Ps P_iPsC, P_μPSC₇C—PN_ePSPs PIP_iP»P_ePIP°C₇C, CH₆ PSP°
PsP»P°PSP·P°P_iC—PS.

P_hC₇PeC—P»CH₆PeP_e PsP»P°PSP·P°P_iC—PS P_jP_μC, P°P±PsP»C—P·C₇C°C, CH₆C₇C₇
C—P·PsC,, P_μC₇H₆P_jP_μPSC, PsP_j CYP1A2, C₇P_μC₇PsPIP_ePSP_e, C₇IPeC— C₇P_iP_μC₇P_eC,, C—C₇PSPs
C—PSP₇C₇PeC₇C₇, CH₆C₇C₇ P°P±Ps C—PSP_iC—P±C₇C₇, CH₆C₇C₇ C₇P_eP_j
C—P·PsC,, P_μC₇H₆P_jP_μPSC, PsP_j, P_jPsP₇C₇C, CH₆ PIP_iP»P_ePIP°C, P_e PSP°
C,, P°C₇H₆P_jP°PePsPeC—PSP_μC, P_ePeC₇ PsP»P°PSP·P°P_iC—PSC₇.

P₇PSP₇C₇PeC, PsC₇H₆ CYP1A2.

P_hP_μC, P°P±PsP»C—P·P_j PsP»P°PSP·P°P_iC—PSC₇ P_jPsP₇P_μ P±C₇C, P_e C—PSP₇C₇PePsPIP°PSP_ePN_e
P_iP°P»C—PSPSC₇P_j C, P° P·P°C₇C, PsC₇C₇PIP°PSPSC₇P_j PeP°C₇H₆P±P°P_jP°P·P_μP_iC—PSC₇,
C₇IPeP_ePN_e P_iC₇H₆P_e·PIP₇PrP_eC, CH₆ PrPs P·PSP_eP₇P_μPSPSC₇ PePsPSC₇P_μPSC, C₇H₆P°C₇C—
PsP»P°PSP·P°P_iC—PSC₇. P₇P_iPsC₇C, P_μC₇H₆—P_iP°P»PsC₇C₇ C₇P»P°P±PeP_μ P°P±Ps
P_iPsP_jC—C₇PSP_μ P_iC—PrPIP_eC%P_μPSPSC₇ PeP»C—C₇P_μPSC₇C₇ PsP»P°PSP·P°P_iC—PSC₇.
P₇P»C—PSC—C₇PSC— PIP_eC₇PSPsPIP_ePeP_e PsP±P_jP_μP₇P_μPSC—, P°P»P_μ
C₇P_μPePsP_jP_μPSP₇C₇C, CH₆C₇C₇ PeP»C—PSC—C₇PSP_ePN_e P_jPsPSC—C, PsC₇H₆P_ePSP_i C, P°,
C₇IPeC%Ps PSP_μPsP±C...C—PrPSPs, P·P±C—P»CH₆C₇P_μPSPSC₇ PrPsP·P_e PsP»P°PSP·P°P_iC—PSC₇
(PrP_ePI. C₇PsP·PrC—P» B«P₇P_iPsC₇C—P± P·P°C₇C, PsC₇C₇PIP°PSPSC₇ C, P° PrPsP·P_e).

P₇PSP_iC—P±C—C, PsC₇H₆ CYP1A2.

P₇P»C₇PsPeC₇P°P_jC—PS, C₇P_iP_μC₇P_eC,, C—C₇PSP_ePN_e C—PSP_iC—P±C—C, PsC₇H₆ CYP1A2,

C-ClC,PsC,PSPs P·PSPëP¶ClC” PjPµC,P°P±PsP»C-P·Pj PsP»P°PSP·P°PīC-PSCř. PīPµ
PīCĤPëP·PIPsPrPëC,CH PrPs ClPµCĤPµPrPSCĤPsPiPs P·CĤPsClC,P°PSPSCĬ PŸ_{max} PīC-ClP»Cl
PīCĤPëPµPsPjCr C,,P»CrPsPeClP°PjC-PSCř PSP° 54 % Cr P¶C-PSPsPe, ClPeC- PSPµ
PīP°P»ClC,CH, C,P° PSP° 77 % Cr C±PsP»PsPIC-PeC-PI, ClPeC- PīP°P»ClC,CH.
PŸPµCĤPµPrPSC” P·CĤPsClC,P°PSPSCĬ AUC PsP»P°PSP·P°PīC-PSCř ClC,P°PSPsPiPëC,CH 52 %
C,P° 108 % PIC-PrPīPsPIC-PrPSPs. P”P»Cl PīP°C†C-C”PSC,C-PI, ClPeC-
P·P°ClC,PsClPµPICrCHC,CH C,,P»CrPsPeClP°PjC-PS P°P±Ps P±CrPrCH-ClPeC- C-PSC€C-
C-PSPiC-P±C-C,PsCĤPë CYP1A2, PSP°PīCĤPëPeP»P°Pr C†PëPīCĤPsC,,P»PsPeClP°C†PëPS,
PSPµPsP±C...C-PrPSPs PīCĤPëP·PSP°C†P°C,Pë P·PSPëP¶PµPSC- PrPsP·Pë PsP»P°PSP·P°PīC-PSCř.
PķPµPsP±C...C-PrPSPs CĤPsP·PiP»ClPSCřC,Pë PjPsP¶P»PëPIC-ClC,CH P·PSPëP¶PµPSPSCĬ
PrPsP·Pë PsP»P°PSP·P°PīC-PSCř, ClPeC%Ps C-PSC-C†C-PµPsPiP°PSPs P»C-PeCrPiP°PSPSCĬ
C-PSPiC-P±C-C,PsCĤPsPj CYP1A2.

P—PjPµPSC€PµPSPSCĬ P±C-PsPrPsClC,ClPīPSPsClC,C-.

PĥPeC,PëPIPsPiP°PSPµ PICrPiC-P»P»Cl P·PSPëP¶ClPīP°P»Ps PīPµCĤPsCĤP°P»CHPSCř
P±C-PsPrPsClC,ClPīPSC-ClC,CH PsP»P°PSP·P°PīC-PSCř PSP° 50bĤ”60 % bĤ” PµPsPiPs
ClP»C-Pr P·P°ClC,PsClPµPICrPiP°C,Pë P·P° 2 PiPsPrPëPSPë PrPs PīCĤPëPµPsPjCr P°P±Ps
C±PµCĤPµP· 2 PiPsPrPëPSPë PīC-ClP»Cl PīCĤPëPµPsPjCr PsP»P°PSP·P°PīC-PSCř.

P»P»CrPsPeClPµC,PëPS (C-PSPiC-P±C-C,PsCĤ CYP2D6), CĤP°P·PsPiP° PrPsP·P°
P°PSC,P°C†PëPrC-PI, C%Ps PjC-ClC,ClC,CH P°P»CĤPjC-PSC-Pµ C,P° PjP°PiPSC-Pµ, P°P±Ps
C†PëPjPµC,PëPrPëPS, C-ClC,PsC,PSPs PSPµ PīPīP»PëPiP°P»Pë PSP°
C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCr PsP»P°PSP·P°PīC-PSCř.

P’PīP»PëPI PsP»P°PSP·P°PīC-PSCř PSP° C-PSC€C- P»C-PeP°CĤClCHPeC- P·P°ClPsP±Pë.

PĥP»P°PSP·P°PīC-PS PjPsP¶Pµ PīCĤPsClPiP»ClC,Pë P°PSC,P°PiPsPSC-P·Pj PrPs PµC,,PµPeC,C-PI
PīCĤClPiPëC... C,P° PSPµPīCĤClPiPëC... P°PiPsPSC-ClC,C-PI PrPsPīP°PjC-PSCř.

PĥP»P°PSP·P°PīC-PS PSPµ PīCĤPëPiPSC-C±CrPiP°PI PsClPSPsPiPSC- C-P·PsC,,PµCĤPjPµPSC,Pë
CYP 450 (PSP°PīCĤPëPeP»P°Pr, 1A2, 2D6, 2C9, 2C19, 3A4) *in vitro*. PŸP°PePëPj C†PëPSPsPj, PSPµ
PsC±C-PeCrC”C,CHClClC PSC-ClPePëC... PsClPsP±P»PëPiPëC... PIP·P°C”PjPsPrC-Pµ, C%Ps
PīC-PrC,PIPµCĤPrP¶PµPSPs Cr PrPsClP»C-PrP¶PµPSPSCĬC... *in vivo*, PrPµ PSPµ
PIC-PrP·PSP°C†P°P»PsClCH C-PSPiC-P±CrPiP°PSPSCĬ PjPµC,P°P±PsP»C-P·PjCr
PsP»P°PSP·P°PīC-PSCř PīCĤPë P·P°ClC,PsClCrPiP°PSPSC- C,P°PePëC... P°PeC,PëPiPSPëC...
CĤPµC±PsPiPëPS: C,CĤPëC†PëPeP»C-C†PSPëC... P°PSC,PëPrPµPīCĤPµClP°PSC,C-PI
(PiPsP»PsPiPSPëPj C†PëPSPsPj PīCĤPµPrClC,P°PiP»PµPSC- C-P·PsC,,PµCĤPjPµPSC,PsPj CYP2D6),
PiP°CĤC,,P°CĤPëPSCř (CYP2C9), C,PµPsC,,C-P»C-PSCř (CYP 1A2) P°P±Ps PrC-P°P·PµPīP°PjCr
(CYP 3Pĥ4 C,P° 2PŸ19).

PķPµ P±CrP»Ps PIC-PrP·PSP°C±PµPSPs PiP·P°C”PjPsPrC-C— PsP»P°PSP·P°PīC-PSCř PīCĤPë
PīCĤPëP·PSP°C±PµPSPSC- B P· P»C-C,C-C”Pj P°P±Ps P±C-PīPµCĤPëPrPµPSPsPj.

PŸPµCĤP°PīPµPIC,PëC±PSPëPµ PjPsPSC-C,PsCĤPëPSPi CĤC-PIPSC-PI PIP°P»CHPīCĤPsP°C,Cl
Cr PīP»P°P·PjC- PeCĤPsPIC- PSPµ PīPëClPiPëPI PSPµPsP±C...C-PrPSPsClC,C-
PePsCĤPµPeC†C-C— PrPsP·Pë PIP°P»CHPīCĤPsP°C,Cl PīCĤPë ClCrPīCrC,PSCHPsPjCr
PīCĤPëP·PSP°C±PµPSPSC- P· PsP»P°PSP·P°PīC-PSPsPj.

P—P°PiP°P»CHPSP° P°PeC,PëPiPSC-ClC,CH C%PsPrPs PīPķPŸ

P— PsP±PµCĤPµP¶PSC-ClC,CH ClP»C-Pr P·P°ClC,PsClPµPICrPiP°C,Pë PsP»P°PSP·P°PīC-PS

PIP°C†C-C" PSC, P°Pj, CΠPeC- PiCηPēPNēPjP°CηC, CH PμC, P°PSPsP» P°P±Ps
P»C-PeP°CηC†CHPeC- P·P°C†PsP±Pē, C%Ps PjPsP¶C†C, CH C†PiCηPēC†PēPSPēC, Pē
PiCηPēPiPSC-C†PμPSPSC† C†PμPSC, CηP°P»CHPSPsC— PSPμCηPIPsPIPsC— C†PēC†C, PμPjPē
(PiPēPŸ).

PŸC†PiC†C, PSC" P·P°C†C, PsC†C†PIP°PSPSC† PsP»P°PSP·P°PiC-PSC† P·
P°PSC, PēPiP°CηPeC-PSC†PsPSC-C†PSPēPjPē PiCηPμPiP°CηP°C, P°PjPē PiP°C†C-C" PSC, P°Pj C-P·
C...PIPsCηPsP±PsCη PμP°CηPeC-PSC†PsPSP° C, P° PrPμPjPμPSC†C-C" Cη PSPμ
CηPμPePsPjPμPSP†C†C, CHC†C†C† (PrPēPI. CηPsP·PrC-P» B«PhC†PsP±P»PēPIPsC†C, C-
P·P°C†C, PsC†C†PIP°PSPSC†).

P†PSC, PμCηPIP°P» QTC†.

PŸP»C-Pr P· PsP±PμCηPμP¶PSC-C†C, CH PiCηPēP·PSP°C†P°C, Pē PsP»P°PSP·P°PiC-PS P·
C-PSC†PēPjPē PiCηPμPiP°CηP°C, P°PjPē, CΠPeC- PjPsP¶C†C, CH PiC-PrPIPēC%CrPIP°C, Pē
C-PSC, PμCηPIP°P» QTC† (PrPēPI. CηPsP·PrC-P» B«PhC†PsP±P»PēPIPsC†C, C-
P·P°C†C, PsC†C†PIP°PSPSC†).

P†PSPiC-P±C-C, PsCηPē CYP 2D6. PαP»C†PsPeC†PμC, PēPS (60 PjPi PSP° PsPrPēPS
PiCηPēPNēPsPj P°P±Ps 60 PjPi C%PsPrPμPSPSPs PiCηPsC, CΠPiPsPj 8 PrPSC-PI)
C†PiCηPēC†PēPSC†C" C†PμCηPμPrPSC" P·CηPsC†C, P°PSPSC†
PjP°PeC†PēPjP°P»CHPSPsC— PePsPSC†PμPSC, CηP°C†C-CH PsP»P°PSP·P°PiC-PSC† PSP°
16 % C, P° C†PμCηPμPrPSC" P·PSPēP¶PμPSPSC† PeP»C-CηPμPSC†C†
PsP»P°PSP·P°PiC-PSC† PSP° 16 %. P—PSP°C†PμPSPSC† PIPiP»PēPIC† C†PēC...
C,, P°PeC, PsCηC-PI PjP°P»Pμ PiPsCηC-PIPsC†PSPs C-P· PIC-PrPjC-PSPSC-C†C, CH
C†PēC... PiPsPeP°P·PSPēPeC-PI C† CηC-P·PSPēC... PsC†C-P±, C, PsPjC† P·PjC-PSPē
PrPsP·C†PIP°PSPSC† P·P°P·PIPēC†P°PNē PSPμ CηPμPePsPjPμPSP†PsPIP°PSC-.

P—PrP°C, PSC-C†C, CH PsP»P°PSP·P°PiC-PSC† PIP·P°C" PjPsPrC-C†C, Pē P· C-PSC†PēPjPē
P»C-PeP°CηC†CHPePēPjPē P·P°C†PsP±P°PjPē.

PhPSC, PēPiC-PiPμCηC, PμPSP·PēPIPsC- P·P°C†PsP±Pē. PhP»P°PSP·P°PiC-PS C†PμCηPμP·
PiPsC, PμPSC†C-PNēPSC† P·PrP°C, PSC-C†C, CH P·PSPēP¶C†PIP°C, Pē
P°CηC, PμCηC-P°P»CHPSPēPNē C, PēC†PeB PjPsP¶Pμ PiPsC†PēP»CHPIP°C, Pē
PμC,, PμPeC, Pē PiPμPIPsPēC... P°PSC, PēPiC-PiPμCηC, PμPSP·PēPIPsPēC...
P·P°C†PsP±C-PI.

P>PμPIPsPrPsPiP° C, P° P°PiPsPSC-C†C, Pē PrPsPiP°PjC-PSC†. PhP»P°PSP·P°PiC-PS PjPsP¶Pμ
PiCηPsC†PIP»C†C, Pē P°PSC, P°PiPsPSC-P·Pj PrPs PμC,, PμPeC, C-PI P»PμPIPsPrPsPiPē
C, P° P°PiPsPSC-C†C, C-PI PrPsPiP°PjC-PSC†.

P†PjC-PiCηP°PjC-PS. P P°P·PsPIC- PrPsP·Pē PsP»P°PSP·P°PiC-PSC† PSPμ
PIPiP»PēPIP°CηC, CH PSP° C,, P°CηPjP°PePsPeC-PSPμC, PēPeC† C-PjC-PiCηP°PjC-PSC†
P°P±Ps PNēPsPiPs P°PeC, PēPIPsPēPNē PjPμC, P°P±PsP»C-C, PrPμP·PēPiCηP°PjC-PS.

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

PμC-Pr C†P°C† P»C-PeC†PIP°PSPSC† P°PSC, PēPiC†PēC...PsC, PēC†PSPēPjPē P·P°C†PsP±P°PjPē
PiPsP»C-PiC†PμPSPSC† PeP»C-PSC-C†PSPsPiPs C†C, P°PSC† PiP°C†C-C" PSC, P° PjPsP¶Pμ

P·P°PN₀PSCЦC, Pë PIC-Pr PeC-P»CHPePsC... PrPSC-PI PrPs PrPμPeC-P»CHPePsC...
C, PëP¶PSC-PI. PμCḡPsC, CЦPiPsPj C†CHPsPiPs PiPμCḡC-PsPrCr PSPμPsP±C...C-PrPSPëPN₀
CḡPμC, PμP»CHPSPëPN₀ PjPsPSC-C, PsCḡPëPSPi PiP°C†C-C"°PSC, C-PI.

*PμCḡPëC...PsP·, PiPsPIëḡ™ CЦP·P°PSPëPN₀ P· PrPμPjPμPSC†C-C"°Cḡ C, P°/P°P±Ps
CḡPsP·P»P°PrP°PjPë PiPsPIPμPrC-PSPePë.*

PḡP»P°PSP·P°PiC-PS PSPμ PiCḡPëP·PSP°C†PμPSPëPN₀ PrP»CЦ P»C-PeC†PIP°PSPSCЦ
PiCḡPëC...PsP·C-PI, PiPsPIëḡ™ CЦP·P°PSPëC... P· PrPμPjPμPSC†C-C"°Cḡ C, P°/P°P±Ps
PiPsCḡCrC€PμPSPSCЦPj PiPsPIPμPrC-PSPePë, P° C, P°PePsP¶ PSPμ
CḡPμPePsPjPμPSPPrCrC"°C, CHCḡCЦ PrP»CЦ P·P°CḡC, PsCḡCrPIP°PSPSCЦ PrP°PSPëPj
PiP°C†C-C"°PSC, P°Pj Cr P·PIëḡ™ CЦP·PeC† P· PiC-PrPIPëC%₀PμPSPSCЦPj
P»PμC, P°P»CHPSPsCḡC, C- C, P° CḡPëP·PëPeC† C†PμCḡPμP±CḡPsPIP°CḡPeC†P»CЦCḡPSPëC...
PIPëPiP°PrPeC-PI. Pj C...PsPrC- PiP»P°C†PμP±Ps-PePsPSC, CḡPsP»CHPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrP¶PμPSCH (C, CḡPëPIP°P»C-CḡC, Cḡ 6 вḡ 12
C, PëP¶PSC-PI) P· CrC†P°CḡC, Cḡ PiP°C†C-C"°PSC, C-PI P»C-C, PSCHPsPiPs PIC-PeC†
(CḡPμCḡPμPrPSC-PN₀ PIC-Pe 78 CḡPsPeC-PI), CЦPeC- CḡC, CḡP°P¶PrP°CḡC, CH PSP°
PiCḡPëC...PsP·Pë, PiPsPIëḡ™ CЦP·P°PSC- P· PrPμPjPμPSC†C-C"°Cḡ C, P°/P°P±Ps
PiPsCḡCrC€PμPSPSCЦPj PiPsPIPμPrC-PSPePë, PeC-P»CHPeC-CḡC, CH P»PμC, P°P»CHPSPëC...
PIPëPiP°PrPeC-PI P±C†P»P° Cr 2 CḡP°P·Pë PIPëC%₀P° Cr PiP°C†C-C"°PSC, C-PI, CЦPeC-
PiCḡPëPN₀PjP°P»Pë PsP»P°PSP·P°PiC-PS, PiPsCḡC-PIPSCЦPSPs P· PiP»P°C†PμP±Ps (3,5 %
PiCḡPsC, Pë 1,5 % PIC-PrPiPsPIC-PrPSPs). P'PëCḡPsPeP° P»PμC, P°P»CHPSC-CḡC, CH PSPμ
P±C†P»P° PiPsPIëḡ™ CЦP·P°PSP° P· PIPμP»PëC†PëPSPsCḡ P·P°CḡC, PsCḡPsPIC†PIP°PSPëC...
PrPsP· PsP»P°PSP·P°PiC-PSC† (CḡPμCḡPμPrPSCЦ PrPsP±PsPIP° PrPsP·P° CḡC, P°PSPsPIPëC, CH
4,4 PjPi) P°P±Ps P· C, CḡPëPIP°P»C-CḡC, Cḡ P»C-PeC†PIP°PSPSCЦ. PαP°PeC, PsCḡPë
CḡPëP·PëPeC† PiC-PrPIPëC%₀PμPSPSCЦ P»PμC, P°P»CHPSPsCḡC, C- PIPeP»CḡC†P°CḡC, CH
PIC-Pe PIC-Pr 65 CḡPsPeC-PI, PrPëCḡC, P°PiC-Cḡ, P·P°CḡPiPsPePsC"°PSPSCЦ,
PSPμPrPsC—PrP°PSPSCЦ C, P° P·PSPμPIPsPrPSPμPSPSCЦ, P»PμPiPμPSPμPIC- CḡC, P°PSPë
(PiPSPμPIPjPsPSC-CЦ, P· P°CḡPiC-CḡP°C†C-C"°Cḡ P°P±Ps P±PμP·), CḡCrPiC†C, PSC"
P·P°CḡC, PsCḡCrPIP°PSPSCЦ P±PμPSP·PsPrC-P°P·PμPiC-PSC-PI. PμCḡPsC, Pμ
P»PμC, P°P»CHPSC-CḡC, CH P±C†P»P° PIPëC%₀PsCḡ PiCḡPë C, PμCḡP°PiC-C—
PsP»P°PSP·P°PiC-PSPsPj, PSC-P¶ PiCḡPë PiCḡPëPN₀PsPjC- PiP»P°C†PμP±Ps,
PSPμP·P°P»PμP¶PSPs PIC-Pr C, P°PeC, PsCḡC-PI CḡPëP·PëPeC†.

Pj C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrP¶PμPSCH CḡPiPsCḡC, PμCḡC-PiP°P»PëCḡCЦ
PIPëPiP°PrPePë C†PμCḡPμP±CḡPsPIP°CḡPeC†P»CЦCḡPSPëC... PiPsP±C-C†PSPëC...
CḡPμP°PeC†C-PN₀ (C-PSCḡCrP»CHC,, C, CḡP°PSP·PëC, PsCḡPSPëPN₀ C-C€PμPjC-C†PSPëPN₀
C-PSCḡCrP»CHC,), Cr C, PsPjCr C†PëCḡP»C- P· P»PμC, P°P»CHPSPëPj PSP°CḡP»C-PrPePsPj.
PḡC-P»CHPeC-CḡC, CH C†PμCḡPμP±CḡPsPIP°CḡPeC†P»CЦCḡPSPëC... PiPsP±C-C†PSPëC...
CḡPμP°PeC†C-PN₀ P±C†P»P° Cr 3 CḡP°P·Pë PIPëC%₀P° Cr PiP°C†C-C"°PSC, C-PI, CЦPeC-
PiCḡPëPN₀PjP°P»Pë PsP»P°PSP·P°PiC-PS, PiPsCḡC-PIPSCЦPSPs P· PiP»P°C†PμP±Ps (1,3 %
PiCḡPsC, Pë 0,4 %). PjCḡC- PiP°C†C-C"°PSC, Pë, CЦPeC- PiCḡPëPN₀PjP°P»Pë PsP»P°PSP·P°PiC-PS
P°P±Ps PiP»P°C†PμP±Ps C- Cr CЦPePëC... CḡPiPsCḡC, PμCḡC-PiP°P»PëCḡCЦ
C†PμCḡPμP±CḡPsPIP°CḡPeC†P»CЦCḡPSC- PiPsP±C-C†PSC- CḡPμP°PeC†C-C—, PjP°P»Pë
C, P°PeC, PsCḡPë CḡPëP·PëPeC†. P'°C-Pe PIC-Pr 75 CḡPsPeC-PI C, P°
CḡCrPrPëPSPSPëPN₀/P·PjC-C€P°PSPëPN₀ C, PëPi PrPμPjPμPSC†C-C— P±C†P»Pë
C-PrPμPSC, PëC,, C-PePsPIP°PSC- CЦPe C, P°PeC, PsCḡPë CḡPëP·PëPeC†
C†PμCḡPμP±CḡPsPIP°CḡPeC†P»CЦCḡPSPëC... PiPsP±C-C†PSPëC... CḡPμP°PeC†C-PN₀ PiCḡPë
C, PμCḡP°PiC-C— PsP»P°PSP·P°PiC-PSPsPj. P·C,, PμPeC, PëPIPSC-CḡC, CH PsP»P°PSP·P°PiC-PSC†
PSPμ P±C†P»P° PICḡC, P°PSPsPIP»PμPSP° Cr C...PsPrC- PrP°PSPëC... PrPsCḡP»C-PrP¶PμPSCH.

P'PIPsCtjPsP±P° PμP°CtjPeC-PSCÍPsPSP°. PkPμ CtjPμPePsPjPμPSPPrPsPIP°PSPs
 P·P°CÍC,PsCÍCrPIP°PSPSCÍ PsP»P°PSP·P°PiC-PSCr Cr C,PμCtjP°PiC-C— PiCÍPëC...PsP·C-PI,
 C%Ps P°CÍPsC†C-PNëPsPIP°PSC- P· P°PiPsPSC-CÍC,P°PjPë PrPsPiP°PjC-PSCr. PkPμ
 CtjPμPePsPjPμPSPPrPsPIP°PSPμ CÍCrPiC†C,PSC" P·P°CÍC,PsCÍCrPIP°PSPSCÍ
 PsP»P°PSP·P°PiC-PSCr C,P° PiCtjPsC,PëPiP°CtjPeC-PSCÍPsPSC-C†PSPëC...
 P»C-PeP°CtjCÍCHPePëC... P·P°CÍPsP±C-PI PiP°C†C-C"PSC,P°Pj C-P· C...PIPsCtjPsP±PsCtj
 PμP°CtjPeC-PSCÍPsPSP° C,P° PrPμPjPμPSC†C-C"CH. PJ C...PsPrC- PeP»C-PSC-C†PSPëC...
 PrPsCÍP»C-PrP¶PμPSCtj PrC†P¶Pμ C†P°CÍC,Ps CÍPiPsCÍC,PμCtjC-PiP°P»PsCÍCÍ
 PiPsPiC-CtjC€PμPSPSCÍ CÍPëPjPiC,PsPjP°C,PëPePë C...PIPsCtjPsP±Pë PμP°CtjPeC-PSCÍPsPSP°
 C,P° PiP°P»CtjC†PëPSP°C†C-PNë, C†P°CÍC,C-C€Pμ, PSC-P¶ PiCtjPë PiCtjPëPNëPsPjC-
 PiP°P°C†PμP±Ps; PiCtjPë P»C-PeC†PIP°PSPSC- PiCÍPëC...PsC,PëC†PSPëC... CÍPëPjPiC,PsPjC-PI
 C,PμCtjP°PiC-CÍ PsP»P°PSP·P°PiC-PSPsPj PSPμ P±C†P»P° P±C-P»CHC€
 PμC,,PμPeC,PëPIPsPSCtj PiPsCtjC-PIPsCÍPSPs C-P· P·P°CÍC,PsCÍCrPIP°PSPSCÍPj
 B PiP°P°C†PμP±Ps. P— CÍP°PjPsPiPs PiPsC†P°C,PeC† C†PëC... PrPsCÍP»C-PrP¶PμPSCtj PIC-Pr
 PiP°C†C-C"PSC,C-PI PiPëPjP°PiP°P»PsCÍCÍ PiPsCÍC,C-PNëPSPμ P·P°CÍC,PsCÍPsPIC†PIP°PSPSCÍ
 PSP°PNëPjPμPSC€PsC— PμC,,PμPeC,PëPIPsPSC— PrPsP·Pë
 P°PSC,PëPiP°CtjPeC-PSCÍPsPSC-C†PSPëC... P»C-PeP°CtjCÍCHPePëC... P·P°CÍPsP±C-PI
 (P°PiPsPSC-CÍC,C-PI PrPsPiP°PjC-PSCr), P° C,P°PePsP¶ P·P°CÍC,PsCÍPsPIC†PIP°PSPSCÍ
 C,PëC... CÍP°PjPëC... P°PSC,PëPiP°CtjPeC-PSCÍPsPSC-C†PSPëC... P»C-PeP°CtjCÍCHPePëC...
 P·P°CÍPsP±C-PI C- PrPsP· PiCtjPsC,CÍPiPsPj CrCÍCHPsPiPs PrPsCÍP»C-PrP¶PμPSPSCÍ.
 PÿPμCtjP°PiC-CH PsP»P°PSP·P°PiC-PSPsPj P±C†P»Ps CtjPsP·PiPsC†P°C,Ps P· PrPsP·Pë 2,5
 PjPi/PrPsP±C†, CÍPeC† P·P±C-P»CHC€C†PIP°P»Pë C€P»CÍC...PsPj C,PëC,CtjC†PIP°PSPSCÍ PrPs
 PjP°PeCÍPëPjP°P»CHPSPsPiPs PiPsPeP°P·PSPëPeP° 15 PjPi/PrPsP±C†.

PkPμPNëCtjPsP»PμPiC,PëC†PSPëPNë P·P»PsCÍPeC-CÍPSPëPNë CÍPëPSPrCtjPsPj.
 PkPμPNëCtjPsP»PμPiC,PëC†PSPëPNë P·P»PsCÍPeC-CÍPSPëPNë CÍPëPSPrCtjPsPj (PkP—Pÿ) Btj"
 C†Pμ PiPsC,PμPSC†C-PNëPSPs P»PμC,P°P»CHPSPëPNë CÍPëPjPiC,PsPjPsPePsPjPiP»PμPeCÍ,
 PiPsPiBtj™ CÍP·P°PSPëPNë P· P°PSC,PëPiCÍPëC...PsC,PëC†PSPëPjPë PiCtjPμPiP°CtjP°C,P°PjPë.
 P C-PrPePs PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ PiCtjPs PiPëPiP°PrPePë PkP—Pÿ PiCtjPë
 P·P°CÍC,PsCÍCrPIP°PSPSC- PsP»P°PSP·P°PiC-PSCr. PμP»C-PSC-C†PSPëPjPë PiCtjPsCÍPIP°PjPë
 PkP—Pÿ C" PiC-PiPμCtjPiC-CtjPμPeCÍC-CÍ, PjBtj™ CÍP·PsPIP° CtjPëPiC-PrPSC-CÍC,CH,
 PIC,CtjP°C,P° CÍPIC-PrPsPjPsCÍC,C- C,P° CÍPëPjPiC,PsPjPë CÍPμCtjC†PμPiPsC—
 PSPμCÍC,P°P±C-P»CHPSPsCÍC,C- (PSPμCtjPμPiC†P»CÍCtjPSC- PiC†P»CHCÍ P°P±Ps
 P·PjC-PSP° P°CtjC,PμCtjC-P°P»CHPSPsPiPs C,PëCÍPeC†, C,P°C...C-PeP°CtjPrC-CÍ,
 PiC-PrPiPëC%PμPSPμ PiPsC,PsPiPëPrC-P»PμPSPSCÍ C,P° CÍPμCtjC†PμPiP° P°CtjPëC,PjC-CÍ).
 P"PsPrP°C,PePsPIC- PsP·PSP°PePë PjPsP¶C†C,CH PiPeP»CtjC†P°C,Pë PiC-PrPiPëC%PμPSPëPNë
 CtjC-PIPμPSCtj PeCtjPμP°C,PëPSC-PSC,,PsCÍC,,PsPeC-PSP°P·Pë, PjC-PsPiP»PsP±C-PSCrCtjC-CH
 (CtjP°P±PrPsPjC-PsP»C-P·) C,P° PiPsCÍC,CtjCr PSPëCtjPePsPIC†
 PSPμPrPsCÍC,P°C,PSC-CÍC,CH. PμP»C-PSC-C†PSPëPNë PiCtjPsCÍPI PkP—Pÿ P°P±Ps
 PSP°CÍPIPsC-CÍC,CH PiC-PiPμCtjC,PμCtjPjC-C— P±PμP· PeP»C-PSC-C†PSPsPiPs
 PiCtjPsCÍPIC† PkP—Pÿ PiPsC,CtjPμP±C†C" PSPμPiP°PNëPSPsC— PIC-PrPjC-PSPë PICÍC-C...
 P°PSC,PëPiCÍPëC...PsC,PëC†PSPëC... P·P°CÍPsP±C-PI, PiPeP»CtjC†P°CtjC†Pë
 PsP»P°PSP·P°PiC-PS.B B

P"C-PiPμCtjPiP»C-PePμPjC-CÍ C- C†CzPeCtjPsPiPëPNë PrC-P°P±PμC,, PkPμC†P°CÍC,Ps
 PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ PiCtjPs PiC-PiPμCtjPiP»C-PePμPjC-CH C,P° CtjPsP·PiPëC,PsPe
 C†C†PeCtjPsPiPsPiPs PrC-P°P±PμC,C† P°P±Ps PiPsPiC-CtjC€PμPSPSCÍ PiPμCtjPμP±C-PiC†
 PiP¶Pμ PSP°CÍPIPsPiPs C†C†PeCtjPsPiPsPiPs PrC-P°P±PμC,C†, P°CÍPsC†C-PNëPsPIP°PSPsPiPs
 P· PePμC,PsP°C†PëPrPsP·PsPj P°P±Ps PrC-P°P±PμC,PëC†PSPsCtj PePsPjPsCtj, P° C,P°PePsP¶
 PiCtjPs P»PμC,P°P»CHPSC- PiPëPiP°PrPePë. P†PSPsPrC- PiPsPIC-PrPsPjP»CÍP»PsCÍCÍ PiCtjPs
 PiPsPiPμCtjPμPrPSC" PiC-PrPiPëC%PμPSPSCÍ PjP°CÍPë C,C-P»P°, C%Ps PjPsPiP»Ps P±C†C,Pë

C,,P°PeC,PsCḡPsPj CḡPëP·PëPeCf.

P PμPePsPjPμPSPPrPsPIP°PSPs PiCḡPsPIPsPrPëC,Pë PIC-PrPiPsPIC-PrPSPëPNë
PeP»C-PSC-C†PSPëPNë PjPsPSC-C,PsCḡPëPSPi PiP°C†C-C”PSC,C-PI P· C†CfPeCḡPsPIPëPj
PrC-P°P±PμC,PsPj C,P° PiP°C†C-C”PSC,C-PI P· C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCf
CḡPsP·PIPëC,PeCf C†CfPeCḡPsPIPsPiPs PrC-P°P±PμC,Cf, P·PsPeCḡPμPjP°
PIPëPjC-CḡCḡPIP°C,Pë CḡC-PIPμPSCḡ PiP»CḡPePsP·Pë PI PeCḡPsPIC- PSP° PiPsC†P°C,PeCf
P»C-PeCfPIP°PSPSCḡ, C†PμCḡPμP· 12 C,PëPḡPSC-PI, P° C,P°PePsPḡ C%PsCḡC-C†PSPs
PSP°PrP°P»C-. PμP°C†C-C”PSC,Pë, CḡPeC- PsC,CḡPëPjCfCḡC,ḡ P»C-PeCfPIP°PSPSCḡ
P°PSC,PëPiCfPëC...PsC,PëC†PSPëPjPë P·P°CfPsP±P°PjPë, PIPeP»CḡC†P°CḡC†Pë
PsP»P°PSP·P°PiC-PS, PiPsPIPëPSPSC- P±CfC,Pë PiC-Pr PSP°PiP»CḡPrPsPj CfC,PsCfPsPIPSPs
PiCḡPsCḡPIC-PI PiC-PiPμCḡPiP»C-PePμPjC-C— (C,P°PePëC... CḡPe PiPsP»C-PrPëPiCfC-Cḡ,
PiPsP»C-CfCḡC-Cḡ, PiPsP»C-C,,P°PiC-Cḡ C,P° CfP»P°P±PeC-CfC,ḡḡ). PμP°C†C-C”PSC,C-PI P·
C†CfPeCḡPsPIPëPj PrC-P°P±PμC,PsPj C,P° PiP°C†C-C”PSC,C-PI P· C,,P°PeC,PsCḡP°PjPë
CḡPëP·PëPeCf CḡPsP·PIPëC,PeCf PrC-P°P±PμC,Cf PSPμPsP±C...C-PrPSPs
CḡPμPiCfP»CḡCḡPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë C%PsPrPs PiPsPiC-CḡCḡPμPSPSCḡ
CḡC-PIPSCḡ PePsPSC,CḡPsP»Cḡ PiP»CḡPePsP·Pë. PḡP»C-Pr CḡPμPiCfP»CḡCḡPSPs
PePsPSC,CḡPsP»CḡPIP°C,Pë PjP°CfCf C,C-P»P°, PSP°PiCḡPëPeP»P°Pr PSP° PiPsC†P°C,PeCf
P»C-PeCfPIP°PSPSCḡ, C†PμCḡPμP· 4 C,PëPḡPSC-, C†PμCḡPμP· 8 C,PëPḡPSC-PI C,P° C†PμCḡPμP·
12 C,PëPḡPSC-PI, P° C,P°PePsPḡ PsPrPëPS CḡP°P· PSP° PePIP°CḡC,P°P» PSP°PrP°P»C-.

PḡPSC,PëC...PsP»C-PSPμCḡPiC-C†PSP° P°PeC,PëPIPSC-CfC,ḡḡ. PJ C...PsPrC-
PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrPḡPμPSCḡ PIPëCḡPIP»PμPSPs PSPëP·ḡḡPeCf
C†P°CfC,PsC,Cf CḡPsP·PIPëC,PeCf P°PSC,PëC...PsP»C-PSPμCḡPiC-C†PSPëC...
CḡPIPëC%. PhPrPSP°Pe C†PμCḡPμP· PsP±PjPμPḡPμPSPSCḡ PeP»C-PSC-C†PSPsPiPs
PrPsCfPIC-PrCf C%PsPrPs P·P°CfC,PsCfCfPIP°PSPSCḡ PsP»P°PSP·P°PiC-PSCf
PiP°C†C-C”PSC,P°Pj C-P· CfCfPiCfC,PSC-PjPë P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë
CfP»C-Pr P±CfC,Pë PsP±PμCḡPμPḡPSPëPjPë PiCḡPë PiCḡPëP·PSP°C†PμPSPSC-
PiCḡPμPiP°CḡP°C,Cf PiP°C†C-C”PSC,P°Pj C-P· PiC-PiPμCḡC,CḡPsC,,C-C”Cḡ
PiCḡPsCfC,P°C,Pë, PiP°CḡP°P»C-C,PëC†PSPsCḡ PePëCḡPePsPIPsCḡ
PSPμPiCḡPsC...C-PrPSC-CfC,Cḡ P°P±Ps PiPsPrC-P±PSPëPjPë CfC,P°PSP°PjPë.

PμPsPeP°P·PSPëPePë PiPμC†C-PSPePsPIPsC— C,,CḡPSPeC†C-C—. PμCḡPë
P·P°CfC,PsCfCfPIP°PSPSC- PsP»P°PSP·P°PiC-PSCf C†P°CfC,Ps
CfPiPsCfC,PμCḡC-PiP°P»PsCfCḡ C,CḡP°PSP·PëC,PsCḡPSPμ
P°CfPëPjPiC,PsPjP°C,PëC†PSPμ PiC-PrPIPëC%PμPSPSCḡ CḡC-PIPSCḡ
PiPμC†C-PSPePsPIPëC... C,CḡP°PSCfP°PjC-PSP°P·
P°P»P°PSC-PSP°PjC-PSPsC,CḡP°PSCfC,,PμCḡP°P·Pë (PḡP»PḡPḡ) C,P°
P°CfPiP°CḡC,P°C,P°PjC-PSPsC,CḡP°PSCfC,,PμCḡP°P·Pë (PḡCfPḡPḡ), PsCfPsP±P»PëPIPs
PSP° PiPsC†P°C,PeCf P»C-PeCfPIP°PSPSCḡ. PμP°C†C-C”PSC,P°Pj C-P·
PiC-PrPIPëC%PμPSPëPj CḡC-PIPSPμPj PḡP»PḡPḡ C,P°/C†Pë PḡCfPḡPḡ, PsP·PSP°PeP°PjPë
C,P° CfPëPjPiC,PsPjP°PjPë PiPsCḡCfCḡPμPSPSCḡ PrC-CḡP»CḡPSPsCfC,C-
PiPμC†C-PSPePë, CfC,P°PSP°PjPë, PiPsPIBḡ™ CḡP·P°PSPëPjPë P· PiPμC†C-PSPePsPIPsCḡ
PSPμPrPsCfC,P°C,PSC-CfC,Cḡ, P° C,P°PePsPḡ PiP°C†C-C”PSC,P°Pj, CḡPeC-
PiCḡPëPNëPjP°CḡC,ḡḡ PiPsC,PμPSC†C-PNëPSPs PiPμPiP°C,PsC,PsPeCfPëC†PSC-
PiCḡPμPiP°CḡP°C,Pë, PsP»P°PSP·P°PiC-PS CfP»C-Pr PiCḡPëP·PSP°C†P°C,Pë P·
PsP±PμCḡPμPḡPSC-CfC,Cḡ. PμCḡPë PIPëCḡPIP»PμPSPSC- PiPμPiP°C,PëC,Cf
(PIPeP»CḡC†P°CḡC†Pë PiPμPiP°C,PsC†PμP»CḡP»CḡCḡPSPμ,
C...PsP»PμCfC,P°C,PëC†PSPμ C†Pë P·PjC-CḡP°PSPμ CfCḡP°PḡPμPSPSCḡ

ΠῖΠμC‡C-PSPePë) PsP»P°PSP·P°ΠῖC-PS PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Pë.

PkPμPNεC,CῥPsPiPμPSC-Cῤ. PhP»P°PSP·P°ΠῖC-PS PSPμPsP±C...C-PrPSPs
ΠῖCῥPëP·PSP°C‡P°C,Pë P· PsP±PμCῥPμPῥPSC-CῖC,Cῥ ΠῖCῥPë PSPëP·CHPePsPjCῖ
CῥC-PIPC- P»PμPNεPePsC‡PëC,C-PI C,P°/P°P±Ps PSPμPNεC,CῥPsC,,C-P»C-PI P·
P±CῖPrCH-CῤPePsC— ΠῖCῥPëC‡PëPSPë ΠῖP°C‡C-C”PSC,P°Pj, CῤPeC-
PsC,CῥPëPjCῖCῥC,CH P»C-PeCῖPIP°PSPSCῤ ΠῖCῥPμΠῖP°CῥP°C,P°PjPë, C%oPs
PjPsPῥCῖC,CH CῖΠῖCῥPëC‡PëPSPëC,Pë PSPμPNεC,CῥPsPiPμPSC-Cῥ,
ΠῖP°C‡C-C”PSC,P°Pj, CῤPeC- PjP°CῥC,CH Πῖ P°PSP°PjPSPμP·C-
PjPμPrPëPeP°PjPμPSC,PsP·PSPμ ΠῖCῥPëPiPSC-C‡PμPSPSCῤ/C,PsPeCῖPëC‡PSPμ
CῖCῥP°PῥPμPSPSCῤ PeC-CῖC,PePsPIPsPiPs PjPsP·PeCῖ, ΠῖP°C‡C-C”PSC,P°Pj C-P·B
ΠῖCῥPëPiPSC-C‡PμPSPSCῤPj PeC-CῖC,PePsPIPsPiPs PjPsP·PeCῖ,
CῖΠῖCῥPëC‡PëPSPμPSPëPj CῖCῖΠῖCῖC,PSC-PjPë P·P°C...PIPsCῥCῥPIP°PSPSCῤPjPë,
PsΠῖCῥPsPjC-PSPμPSPSCῤPj C‡Pë C...C-PjC-PsC,PμCῥP°ΠῖC-C”Cῥ, C,P°B
ΠῖP°C‡C-C”PSC,P°Pj C-P· ΠῖC-ΠῖPμCῥPμPsP·PëPSPsC,,C-P»C-C”Cῥ C,P°
PjC-C”P»PsΠῖCῥPsP»C-C,,PμCῥP°C,PëPIPSPëPj P·P°C...PIPsCῥCῥPIP°PSPSCῤPj.
PkPμPNεC,CῥPsPiPμPSC-Cῤ C” C‡P°CῖC,PëPj ΠῖPsP±C-C‡PSPëPj PμC,,PμPeC,PsPj ΠῖCῥPë
CῖCῖPjC-CῖPSPsPjCῖ P·P°CῖC,PsCῖCῖPIP°PSPSC- ΠῖP°P»CHΠῖCῥPsP°C,Cῖ C,P°
PsP»P°PSP·P°ΠῖC-PSCῖ.

PμCῥPëPiPëPSPμPSPSCῤ C,PμCῥP°ΠῖC-C—. PμCῥPë CῥC-P·PePsPjCῖ
ΠῖCῥPëPiPëPSPμPSPSC- C,PμCῥP°ΠῖC-C— CῥC-PrPePs (≥ 0,01 % Bῥ” < 0,1 %)
ΠῖPsPIC-PrPsPjP»CῤP»PsCῖCῤ ΠῖCῥPs ΠῖPsCῖC,CῥC- CῖPëPjΠῖC,PsPjPë, P·PsPeCῥPμPjP°
ΠῖCῥPs PSP°PrPjC-CῥPSPμ ΠῖPsC,PsPIPëPrC-P»PμPSPSCῤ, P±PμP·CῖPsPSPSCῤ,
C,CῥPμPjPsCῥ, CῥPsP·PrCῥP°C,PsPIP°PSC-CῖC,CH, PSCῖPrPsC,Cῖ P°P±Ps
P±P»CῥPIP°PSPSCῤ.

QT-C-PSC,PμCῥPIP°P». Pj PeP»C-PSC-C‡PSPëC... PrPsCῖP»C-PrPῥPμPSPSCῤC...
PIPëCῤPIP»PμPSPs PeP»C-PSC-C‡PSPs P·PSP°C‡CῖC%oPμ ΠῖPsPrPsPIPῥPμPSPSCῤ
C-PSC,PμCῥPIP°P»Cῖ QTc Cῖ ΠῖP°C‡C-C”PSC,C-PI, CῤPeC- ΠῖCῥPëPNεPjP°P»Pë
PsP»P°PSP·P°ΠῖC-PS (QTcF [P· ΠῖPsΠῖCῥP°PIPePsCῥ P·P° C,,PsCῥPjCῖP»PsCῥ
PαCῥPëPrPμCῥPëPeP°] ≥ 500 PjC-P»C-CῖPμPeCῖPSPῖ [PjCῖ] Cῖ P±CῖPrCH-CῤPePëPNε
C‡P°Cῖ ΠῖC-CῖP»Cῤ ΠῖPsC‡P°C,PeCῖ PrPsCῖP»C-PrPῥPμPSPSCῤ PrP»Cῤ
ΠῖP°C‡C-C”PSC,C-PI C-P· QTcF < 500 PjCῖ PSP° ΠῖPsC‡P°C,PeCῖ
PrPsCῖP»C-PrPῥPμPSPSCῤ P±CῖPI PSPμC‡P°CῖC,PëPj Bῥ” PIC-Pr 0,1 % PrPs < 1%).
PμPsCῥC-PIPCῤPSPs P· ΠῖP»P°C‡PμP±Ps PSPμ P±CῖP»Ps CῖCῖC,C,C”PIPëC...
PIC-PrPjC-PSPSPsCῖC,PμPNε Cῖ C‡P°CῖC,PsC,C- ΠῖPsP±C-C‡PSPëC... PμC,,PμPeC,C-PI P·
P±PsPeCῖ CῖPμCῥC‡Cῤ. PhPrPSP°Pe CῖP»C-Pr P±CῖC,Pë PsP±PμCῥPμPῥPSPëPjPë ΠῖCῥPë
PsPrPSPsC‡P°CῖPSPsPjCῖ P·P°CῖC,PsCῖCῖPIP°PSPSC- PsP»P°PSP·P°ΠῖC-PSCῖ P· C-PSCεPëPjPë
P»C-PeP°CῥCῖCHPePëPjPë P·P°CῖPsP±P°PjPë, CῤPeC- ΠῖPsPrPsPIPῥCῖCῥC,CH
C-PSC,PμCῥPIP°P» QTc, PsCῖPsP±P»PëPIPs Cῖ ΠῖP°C‡C-C”PSC,C-PI P»C-C,PSCHPsPiPs
PIC-PeCῖ, ΠῖP°C‡C-C”PSC,C-PI C-P· ΠῖCῥPsPrPῥPμPSPëPj CῖPëPSPῖCῥPsPjPsPj
ΠῖPsPrPsPIPῥPμPSPsPiPs C-PSC,PμCῥPIP°P»Cῖ QT, P·P°CῖC,C-PNεPSPsCῥ CῖPμCῥC‡PμPIPsCῥ
PSPμPrPsCῖC,P°C,PSC-CῖC,Cῥ, ΠῖC-ΠῖPμCῥC,CῥPsC,,C-C”Cῥ CῖPμCῥC‡Cῤ P°P±Ps
P·PSPëPῥPμPSPëPj CῥC-PIPCῤPj PeP°P»C-Cῥ C‡Pë PjP°PiPSC-Cῥ Πῖ PeCῥPsPIC-.

PjCῥPsPjP±PsPμPjP±PsP»C-Cῤ. PμCῥPë P»C-PeCῖPIP°PSPSC- PsP»P°PSP·P°ΠῖC-PSPsPj
PSPμC‡P°CῖC,Ps ΠῖPsPIC-PrPsPjP»CῤP»PsCῖCῤ ΠῖCῥPs ΠῖPëΠῖP°PrPePë

$C\bar{H}PsP \cdot PIP\bar{e}C, PeC\acute{r} PIP_{\mu}PSPsP \cdot PSPsC— C, C\bar{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C— (\geq 0,1 \% B\bar{H}'' < 1 \%)$.
 $P_{\mu}C\bar{H}P\bar{e}C \pm P\bar{e}PSPSPs-PSP^{\circ}C\acute{r}P \gg C-PrPePsPIPSPiPs P \cdot PI_{B\bar{H}}^{\text{TM}} C\bar{L}IP \cdot PeC\acute{r} PjC-P\bar{P}$
 $P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\bar{L}IPj PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PSPsPj C, P^{\circ} C\bar{H}PsP \cdot PIP\bar{e}C, PePsPj$
 $PIP_{\mu}PSPsP \cdot PSPsC— C, C\bar{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C— PSP_{\mu} PIC\acute{r}C, P^{\circ}PSPsPIP \gg P_{\mu}PSPs$.
 $PhPrPSP^{\circ}Pe, P \pm P_{\mu}C\bar{H}C\acute{r}C \pm P\bar{e} PrPs C\acute{r}PIP^{\circ}PiP\bar{e} C, P_{\mu}, C\%Ps C\acute{r} P\bar{i}P^{\circ}C\bar{t}C-C''PSC, C-PI C-P$.
 $C\bar{e}P\bar{e}P \cdot PsC,, C\bar{H}P_{\mu}PSC-C''C\bar{H} C \pm P^{\circ}C\acute{r}C, Ps C\bar{H}PsP \cdot PIP\bar{e}PIP^{\circ}C''C, C\bar{H}C\acute{r}C\bar{L}$
 $C\acute{r}C...P\bar{e}P \gg C\bar{H}PSC-C\acute{r}C, C\bar{H} PrPs C, C\bar{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C—,$
 $PSP_{\mu}PsP \pm C...C-PrPSPs PIC\bar{H}P^{\circ}C...PsPIC\acute{r}PIP^{\circ}C, P\bar{e} C\acute{r}C\acute{r}C- PjPsP\bar{P}P \gg P\bar{e}PIC-$
 $C,, P^{\circ}PeC, PsC\bar{H}P\bar{e} C\bar{H}P\bar{e}P \cdot P\bar{e}PeC\acute{r}, PSP^{\circ}P\bar{i}C\bar{H}P\bar{e}PeP \gg P^{\circ}Pr C-PjPjPsP \pm C-P \gg C-P \cdot P^{\circ}C\bar{t}C-C\bar{H}$
 $P\bar{i}P^{\circ}C\bar{t}C-C''PSC, P^{\circ}, C, P^{\circ} PIP\bar{P}\bar{e}PIP^{\circ}C, P\bar{e} PIC\acute{r}C-C... PSP_{\mu}PsP \pm C...C-PrPSP\bar{e}C...$
 $P \cdot P^{\circ}P\bar{i}PsP \pm C-P\bar{P}PSP\bar{e}C... P \cdot P^{\circ}C...PsPrC-PI$.

$P—P^{\circ}PiP^{\circ}P \gg C\bar{H}PSP^{\circ} PrC-C\bar{L} PSP^{\circ} C \bar{t}P_{\mu}PSC, C\bar{H}P^{\circ}P \gg C\bar{H}PSC \acute{e} PSP_{\mu}C\bar{H}PIPsPIC \acute{e} C\acute{r}P\bar{e}C\acute{r}C, P_{\mu}PjC \acute{e}$.
 $P^{\circ}C\bar{H}P^{\circ}C...PsPIC\acute{r}C\bar{H}C \pm P\bar{e} P\bar{i}P_{\mu}C\bar{H}P_{\mu}PIP^{\circ}P\bar{P}PSP\bar{e}PN_{\bar{e}} PIPiP \gg P\bar{e}PI PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PSC\acute{r} PSP^{\circ}$
 $P\bar{i}P\acute{K}P\bar{Y}, PSP_{\mu}PsP \pm C...C-PrPSPs PIP\bar{P}\bar{e}PIP^{\circ}C, P\bar{e} PrPsPrP^{\circ}C, PePsPIC- P \cdot P^{\circ}P\bar{i}PsP \pm C-P\bar{P}PSC-$
 $P \cdot P^{\circ}C...PsPrP\bar{e} P\bar{i}C\bar{H}P\bar{e} P \cdot P^{\circ}C\acute{r}C, PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC- PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PSC\acute{r} C\bar{H}P^{\circ}P \cdot PsPj P \cdot$
 $C-PSC\bar{e}P\bar{e}PjP\bar{e} P\bar{i}C\bar{H}P_{\mu}P\bar{i}P^{\circ}C\bar{H}P^{\circ}C, P^{\circ}PjP\bar{e} C \bar{t}P_{\mu}PSC, C\bar{H}P^{\circ}P \gg C\bar{H}PSPsC— PrC-C—,$
 $PIPeP \gg C\bar{H}C \pm P^{\circ}C\bar{H}C \pm P\bar{e} PIP\bar{P}\bar{e}PIP^{\circ}PSPSC\bar{L} P^{\circ}P \gg PePsPiPsP \gg C\bar{H}$.

$P\acute{K}P^{\circ}P\bar{i}P^{\circ}PrP\bar{e} C\acute{r}C \acute{e} PrPsPj$. $PhP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PS PSP_{\mu}PsP \pm C...C-PrPSPs P \cdot$
 $PsP \pm P_{\mu}C\bar{H}P_{\mu}P\bar{P}PSC-C\acute{r}C, C\bar{H} P \cdot P^{\circ}C\acute{r}C, PsC\acute{r}PsPIC\acute{r}PIP^{\circ}C, P\bar{e}, C\bar{L}PeC\%Ps PI$
 $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C- P\bar{i}P^{\circ}C\bar{t}C-C''PSC, P^{\circ} C'' P_{\mu}P\bar{i}C-P \gg P_{\mu}P\bar{i}C, P\bar{e}C \pm PSC- PSP^{\circ}P\bar{i}P^{\circ}PrP\bar{e}, P^{\circ}P \pm Ps$
 $P \cdot P^{\circ} PSP^{\circ}C\bar{L}IPSPsC\acute{r}C, C- C,, P^{\circ}PeC, PsC\bar{H}C-PI, C\%Ps P \cdot PSP\bar{e}P\bar{P}C\acute{r}C\bar{H}C, C\bar{H} P\bar{i}PsC\bar{H}C-PI$
 $C\acute{r}C\acute{r}PrPsPjPSPsC— PiPsC, PsPIPSPsC\acute{r}C, C- P\acute{K}P_{\mu}C \pm P^{\circ}C\acute{r}C, Ps$
 $P\bar{i}PsPIC-PrPsPjP \gg C\bar{L}IP \gg PsC\acute{r}C\bar{L} P\bar{i}C\bar{H}Ps PIP\bar{e}P\bar{i}P^{\circ}PrPeP\bar{e} P_{\mu}P\bar{i}C-P \gg P_{\mu}P\bar{i}C, P\bar{e}C \pm PSP\bar{e}C...$
 $PSP^{\circ}P\bar{i}P^{\circ}PrC-PI P\bar{i}C\bar{H}P\bar{e} P \gg C-PeC\acute{r}PIP^{\circ}PSPSC- PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PSPsPj. Pj$
 $P \pm C-P \gg C\bar{H}C\bar{e}PsC\acute{r}C, C- C \bar{t}P\bar{e}C... PIP\bar{e}P\bar{i}P^{\circ}PrPeC-PI P\bar{i}P^{\circ}C\bar{t}C-C''PSC, P\bar{e} PjP^{\circ}P \gg P\bar{e} PI$
 $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C- P_{\mu}P\bar{i}C-P \gg P_{\mu}P\bar{i}C, P\bar{e}C \pm PSC- PSP^{\circ}P\bar{i}P^{\circ}PrP\bar{e} P^{\circ}P \pm Ps C\bar{H}P\bar{e}P \cdot P\bar{e}Pe C—C...$
 $PIP\bar{e}PSP\bar{e}PePSP_{\mu}PSPSC\bar{L} P \pm C\acute{r}PI P\bar{i}C-PrPIP\bar{e}C\%P_{\mu}PSP\bar{e}PN_{\bar{e}}$.

$P_{\mu}C-P \cdot PSC\bar{L} PrP\bar{e}C\acute{r}PeC-PSP_{\mu}P \cdot C-C\bar{L}$. $Pj C...PsPrC- PeP \gg C-PSC-C \pm PSP\bar{e}C...$
 $PrPsC\acute{r}P \gg C-PrP\bar{P}P_{\mu}PSC\bar{H} C, C\bar{H}P\bar{e}PIP^{\circ}P \gg C-C\acute{r}C, C\bar{H} 1 C\bar{H}C-Pe P^{\circ}P \pm Ps PjP_{\mu}PSC\bar{e}P_{\mu} P\bar{i}C\bar{H}P\bar{e}$
 $P\bar{i}C\bar{H}P\bar{e}PN_{\bar{e}}PsPjC- PsP \gg P^{\circ}PSP \cdot P^{\circ}P\bar{i}C-PSC\acute{r} C\acute{r}P\bar{i}PsC\acute{r}C, P_{\mu}C\bar{H}C-PiP^{\circ}P \gg PsC\acute{r}C\bar{L}$
 $C\acute{r}C, P^{\circ}C, P\bar{e}C\acute{r}C, P\bar{e}C \pm PSPs P \cdot PSP^{\circ}C \bar{t}C\bar{r}C\%P_{\mu} P \cdot PSP\bar{e}P\bar{P}P_{\mu}PSPSC\bar{L} C \bar{t}P^{\circ}C\acute{r}C, PsC, P\bar{e}$
 $PIP\bar{e}PSP\bar{e}PePSP_{\mu}PSPSC\bar{L} PrP\bar{e}C\acute{r}PeC-PSP_{\mu}P \cdot C-C—, C\acute{r}P\bar{i}C\bar{H}P\bar{e}C \pm P\bar{e}PSP_{\mu}PSPsC—$
 $P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\bar{L}Pj. P\bar{S}P_{\mu}C\bar{H}P_{\mu}P \cdot P \cdot C\bar{H}PsC\acute{r}C, P^{\circ}C\bar{H}C \pm P\bar{e}PN_{\bar{e}} C\bar{H}P\bar{e}P \cdot P\bar{e}Pe$
 $C\bar{H}PsP \cdot PIP\bar{e}C, PeC\acute{r} P\bar{i}C-P \cdot PSC\bar{H}PsC— PrP\bar{e}C\acute{r}PeC-PSP_{\mu}P \cdot C-C— P\bar{i}C\bar{H}P\bar{e}$
 $C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsPjC\acute{r} P\bar{i}C\bar{H}P\bar{e}PN_{\bar{e}}PsPjC- P^{\circ}PSC, P\bar{e}P\bar{i}C\acute{r}P\bar{e}C...PsC, P\bar{e}C \pm PSP\bar{e}C...$
 $P\bar{i}C\bar{H}P_{\mu}P\bar{i}P^{\circ}C\bar{H}P^{\circ}C, C-PI PSP_{\mu}PsP \pm C...C-PrPSP_{\mu} PIC-PrP\bar{i}PsPIC-PrPSP_{\mu}$
 $P \cdot PSP\bar{e}P\bar{P}P_{\mu}PSPSC\bar{L} PrPsP \cdot P\bar{e} P^{\circ}P \pm Ps P\bar{i}PsPIPSP^{\circ} PIC-PrPjC-PSP^{\circ} P\bar{i}C\bar{H}P_{\mu}P\bar{i}P^{\circ}C\bar{H}P^{\circ}C, C\acute{r}$
 $P\bar{i}C\bar{H}P\bar{e} P\bar{i}PsC\bar{L}PIC- C\acute{r} P\bar{i}P^{\circ}C\bar{t}C-C''PSC, P^{\circ} PsP \cdot PSP^{\circ}Pe C \bar{t}P\bar{e} C\acute{r}P\bar{e}PjP\bar{i}C, PsPjC-PI$
 $P\bar{i}C-P \cdot PSC\bar{H}PsC— PrP\bar{e}C\acute{r}PeC-PSP_{\mu}P \cdot C-C— P— C \bar{t}P^{\circ}C\acute{r}PsPj C \bar{t}C- C\acute{r}P\bar{e}PjP\bar{i}C, PsPjP\bar{e}$
 $PjPsP\bar{P}C\acute{r}C, C\bar{H} P\bar{i}PsPiC-C\bar{H}C\bar{e}C\acute{r}PIP^{\circ}C, P\bar{e}C\acute{r}C\bar{H} P^{\circ}P \pm Ps PSP^{\circ}PIC-C, C\bar{H}$
 $P \cdot B\bar{H}^{\text{TM}} C\bar{L}IPIP \gg C\bar{L}IC, P\bar{e}C\acute{r}C\bar{L} P\bar{i}C-C\acute{r}P \gg C\bar{L} P\bar{i}C\bar{H}P\bar{e}P\bar{i}P\bar{e}PSP_{\mu}PSPSC\bar{L} P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\bar{L}$.

$PhC\bar{H}C, PsC\acute{r}C, P^{\circ}C, P\bar{e}C \pm PSP^{\circ} PiC-P\bar{i}PsC, P_{\mu}PSP \cdot C-C\bar{L}$. $P\acute{K}P_{\mu}C \bar{t}P^{\circ}C\acute{r}C, Ps$
 $P\bar{i}PsPIC-PrPsPjP \gg C\bar{L}IP \gg PsC\acute{r}C\bar{L} P\bar{i}C\bar{H}Ps PIP\bar{e}P\bar{i}P^{\circ}PrPeP\bar{e} PsC\bar{H}C, PsC\acute{r}C, P^{\circ}C, P\bar{e}C \pm PSPsC—$
 $PiC-P\bar{i}PsC, P_{\mu}PSP \cdot C-C— C\acute{r} P\bar{i}P^{\circ}C\bar{t}C-C''PSC, C-PI P \gg C-C, PSC\bar{H}PsPiPs PIC-PeC\acute{r} PI$

C...PsPrC- PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ. PİPe C- PİCĤPë
P»C-PeCÍPİP°PSPSC- C-PSC€PëPjPë P°PSC,PëPİCÍPëC...PsC,PëPeP°PjPë, PİC-Pr C‡P°CÍ
P·P°CÍC,PsCÍCÍPİP°PSPSCİ PsP»P°PSP·P°PİC-PSCÍ CĤPµPePsPjPµPSPPrCÍC”C,CHCÍCİ
PİPµCĤC-PsPrPëC‡PSPµ PİPëPjC-CĤCĤPİP°PSPSCİ P°CĤC,PµCĤC-P°P»CHPSPsPiPs
C,PëCÍPeCÍ PİP°C†C-C”PSC,P°Pj PIC-PePsPj PIC-Pr 65 CĤPsPeC-PI.

P P°PİC,PsPIP° CÍPµCĤC†PµPIP° CÍPjPµCĤC,CH. Pj PİPsCÍC,PjP°CĤPePµC,PëPSPİPsPIPëC...
P·PIC-C,P°C... PİPsPIC-PrPsPjP»CİP»PsCÍCİ PİCĤPs PİPëPİP°PrPePë CĤP°PİC,PsPIPSC—
CÍPµCĤC†PµPIPSC— CÍPjPµCĤC,C-. P’C-PrPİPsPIC-PrPSPs PrPs
CĤPµC,CĤPsCÍPİPµPeC,PëPİPSPsPiPs PsP±CÍPµCĤPIP°C†C-PNëPSPsPiPs
PePsPiPsCĤC,PSPsPiPs PrPsCÍP»C-PrP¶PµPSPSCİ, CĤPëP·PëPe CĤP°PİC,PsPIPSC—
CÍPµCĤC†PµPIPSC— CÍPjPµCĤC,C- CÍ PİP°C†C-C”PSC,C-PI, CİPeC-
PsC,CĤPëPjCÍPİP°P»Pë P»C-PeCÍPİP°PSPSCİ PsP»P°PSP·P°PİC-PSPsPj,
PİC-PrPİPëC%oCÍPİP°PICÍCİ PjP°PNëP¶Pµ PİPrPIC-C‡C- PİPsCĤC-PIPSCİPSPs P·
PİP°C†C-C”PSC,P°PjPë, CİPeC- PSPµ P·P°CÍC,PsCÍPsPICÍPİP°P»Pë
P°PSC,PëPİCÍPëC...PsC,PëPePë. P PëP·PëPe PİCĤPë P·P°CÍC,PsCÍCÍPİP°PSPSC-
PsP»P°PSP·P°PİC-PSCÍ PIC-PrPİPsPIC-PrP°C” C,P°PePsPjCÍ PİCĤPë
P·P°CÍC,PsCÍCÍPİP°PSPSC- P°C,PëPİPsPIPëC... P°PSC,PëPİCÍPëC...PsC,PëC‡PSPëC...
P·P°CÍPsP±C-PI, C%oPs P±CÍP»Pë PİPeP»CĤC‡PµPSC- PrPs PsP±BĤ™ C”PrPSP°PSPsPiPs
P°PSP°P»C-P·CÍ.

P>P°PeC,PsP·P°. P>C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± PjC-CÍC,PëC,CH P»P°PeC,PsP·CÍ,
C,PsPjCÍ PNëPsPiPs PSPµ PjPsP¶PSP° PİCĤPëP·PSP°C‡P°C,Pë C...PİPsCĤPëPj, CİPeC-
PjP°CĤC,CH CÍPİP°PrPePsPICÍ PSPµPİPµCĤPµPSPsCÍPëPjC-CÍC,CH P»P°PeC,PsP·Pë,
PrPµC,,C-C†PëC, P»P°PeC,P°P·Pë P°P±Ps CÍPëPSPPrCĤPsPj PİP»CĤPePsP·Ps-
PİP°P»P°PeC,PsP·PSPSC— PjP°P»CHP°P±CÍPsCĤP±C†C-C—.

P”PsPİP°PjC-PSPµCĤPiC-C‡PSPëPNë P°PSC,P°PiPsPSC-P·Pj. PhP»P°PSP·P°PİC-PS in vitro
PİCĤPsCİPİP»CİC” P°PSC,P°PiPsPSC-P·Pj PrPs PrPsPİP°PjC-PSCÍ C,P°
C,PµPsCĤPµC,PëC‡PSPs PjPsP¶Pµ PİCĤPsC,PëPrC-CİC,Pë PµC,,PµPeC,P°Pj
P»PµPIPSPPrPsPİPë C,P° P°PiPsPSC-CÍC,P°Pj PrPsPİP°PjC-PSCÍ, C,P°Pe CÍP°PjPs CİPe
C-PSC€C- P°PSC,PëPİCÍPëC...PsC,PëC‡PSC- P·P°CÍPsP±Pë.

P”P»CĤPePsP·P°. Pj C...PsPrC- PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ (PrPs 52
C,PëP¶PSC-PI) PsP»P°PSP·P°PİC-PS CÍPİCĤPëC‡PëPSCİPI P±C-P»CHC€C- P·PjC-PSPë
CĤC-PIPSCİ PİP»CĤPePsP·Pë PİPsCĤC-PIPSCİPSPs P· PİP»P°C†PµP±Ps.
P C-P·PSPëC†Cİ CÍ P·PjC-PSP°C... P·PSP°C‡PµPSCĤ PjC-P¶ PsP»P°PSP·P°PİC-PSPsPj
C,P° PİP»P°C†PµP±Ps P±CÍP»P° P±C-P»CHC€PsCĤ CÍ PİP°C†C-C”PSC,C-PI C-P·
CÍPëPjPİC,PsPjP°PjPë PrPëP·CĤPµPiCÍP»CİC†C-C— PİP»CĤPePsP·Pë PI
P°PSP°PjPSPµP·C- (PİPeP»CĤC‡P°CĤC‡Pë PİP°C†C-C”PSC,C-PI P· C†CÍPeCĤPsPIPëPj
PrC-P°P±PµC,PsPj P°P±Ps PİP°C†C-C”PSC,C-PI C-P· PİCĤPsCİPİP°PjPë
PiC-PİPµCĤPiP»C-PePµPjC-C—). Pj C†PëC... PİP°C†C-C”PSC,C-PI
CÍPİPsCÍC,PµCĤC-PİP°P»PsCÍCİ P·PSP°C‡PSPµ PİC-PrPİPëC%oPµPSPSCİ HbA1CÍ
PİPsCĤC-PIPSCİPSPs P· PİCĤCÍPİPsCĤ PİP»P°C†PµP±Ps.

P’C-PrCÍPsC,PePsPIPµ CÍPİC-PIPIC-PrPSPsC€PµPSPSCİ PİP°C†C-C”PSC,C-PI, CÍ CİPePëC...
P·PjC-PSPëPICÍCİ CĤC-PIPµPSCĤ PİP»CĤPePsP·Pë P· PSPsCĤPjP°P»CHPSPsPiPs P°P±Ps
PİCĤP°PSPëC‡PSPsPiPs PrPs PİPëCÍPsPePsPiPs, PİPsCÍC,C-PNëPSPs

P·P±C-P»CHC€CfPIP°P»PSCfCf.

P' P°PSP°P»C-P·P°C... PīP°C†C-C" PSC,C-PI, CŪPeC- PīCŲPsPN€C€P»Pë 9БҢ"12-PjC-CfCfCfPSCf C,PμCŲP°PīC-CŲ PsP»P°PSP·P°PīC-PPSPj, PīC-PrPIPëC%PμPSPëPN€ CŲC-PIPμPSCŲ PīP»CŲPePsP·Pë Cf PeCŲPsPIC- P·PSPëPŲCfPIP°PICfCf CfPμCŲPμP· 6 PjC-CfCfCfC-PI.

P—PjC-PPSPë CŲC-PIPSCf P»C-PīC-PrC-PI. PkPμP±P°PŲP°PSC- P·PjC-PPSPë CŲC-PIPSCf P»C-PīC-PrC-PI PjPsPŲCfC,CH CŲPīPsCfC,PμCŲC-PiP°C,PëCfCf Cf PīP°C†C-C" PSC,C-PI, CŪPeC- P»C-PeCfCŲC,CHCfCfCf PsP»P°PSP·P°PīC-PPSPj. P—PjC-PPSPë CŲC-PIPSCf P»C-PīC-PrC-PI CŲP»C-Pr P»C-PeCfPIP°C,Pë PSP°P»PμPŲPSPëPj CfPëPSPsPj Cf PīP°C†C-C" PSC,C-PI C-P· PrPëCfP»C-PīC-PrPμPjC-C" CŲ C,P° Cf PīP°C†C-C" PSC,C-PI C-P· C,,P°PeC,PsCŲP°PjPë CŲPëP·PëPeCf CŲPsP·PIPëC,PeCf PīPsCŲCfC€PμPSCŲ PsP±PjC-PSCf P»C-PīC-PrC-PI. PμP°C†C-C" PSC,P°Pj, CŪPeC- PsC,CŲPëPjCfCŲC,CH P»C-PeCfPIP°PSPSCf P°PSC,PëPīCfPëC...PsC,PëCfPSPëPjPë P·P°CfPsP±P°PjPë, PIPeP»CŲCfP°CŲCfPë PsP»P°PSP·P°PīC-PS, PSPμPsP±C...C-PrPSPs CŲPμPiCfP»CfCŲPSPs PePsPSC,CŲPsP»CŲPIP°C,Pë CŲC-PIPSC- P»C-PīC-PrC-PI Cf PeCŲPsPIC-, PSP°PīCŲPëPeP»P°Pr PSP° PīPsCfP°C,PeCf P»C-PeCfPIP°PSPSCf, CfPμCŲPμP· 12 C,PëPŲPSC-PI, P° C,P°PePsPŲ PePsPŲPSC- 5 CŲPsPeC-PI PSP°PrP°P»C-.

Pj C...PsPrC- PeP»C-PSC-CfPSPëC... PrPsCfP»C-PrPŲPμPSCŲ, C%Ps C,CŲPëPIP°P»Pë P±C-P»CHC€Pμ 12 C,PëPŲPSC-PI, Cf PīP°C†C-C" PSC,C-PI, CŪPeC- PīCŲPëPN€PjP°P»Pë PsP»P°PSP·P°PīC-PS, CŲPīPsCfC,PμCŲC-PiP°P»PsCfCf PīC-PrPIPëC%PμPSPSCf CŲC-PIPSCf P·P°PīP°P»CHPSPsPiPs C...PsP»PμCfC,PμCŲPëPSCf, P»C-PīPsPīCŲPsC,PμC—PrC-PI PSPëP·CHPePsC— C%C-P»CHPSPsCfC,C- (P·PμPkP©) C- C,CŲPëPiP»C-CfPμCŲPëPrC-PI PīPsCŲC-PIPSCfPSPs P· PīCŲCfPīPsCŲ PīP»P°C†PμP±Ps.

P—PSP°CfPSPμ PīC-PrPIPëC%PμPSPSCf CŲC-PIPSCf P»C-PīC-PrC-PI (P·P°PiP°P»CHPSPsPiPs C...PsP»PμCfC,PμCŲPëPSCf, P»C-PīPsPīCŲPsC,PμC—PrC-PI PSPëP·CHPePsC— C%C-P»CHPSPsCfC,C-, C,CŲPëPiP»C-CfPμCŲPëPrC-PI) CŲPīPsCfC,PμCŲC-PiP°P»PsCfCf CfP°CfC,C-C€Pμ Cf PīP°C†C-C" PSC,C-PI P±PμP· PīPsCŲCfC€PμPSPSCf PsP±PjC-PSCf P»C-PīC-PrC-PI PI P°PSP°PjPSPμP·C-.

PkPμ CŲPīPsCfC,PμCŲC-PiP°P»PsCfCf CŲC,P°C,PëCfC,PëCfPSPs PīC-PrC,PIPμCŲPrPŲPμPSPëC... PIC-PrPjC-PPSPsCfC,PμPN€ PīC-PrPIPëC%PμPSPSCf P»C-PīPsPīCŲPsC,PμC—PrC-PI PIPëCfPsPePsC— C%C-P»CHPSPsCfC,C- (P·PμP'P©) PjC-PŲ PīP°C†C-C" PSC,P°PjPë, CŪPeC- PīCŲPëPN€PjP°P»Pë PsP»P°PSP·P°PīC-PS, C,P° PīP°C†C-C" PSC,P°PjPë, CŪPeC- PīCŲPëPN€PjP°P»Pë PīP»P°C†PμP±Ps.

PлC-P»CHPeC-CfPSPμ CŲPīC-PIPIC-PrPSPsC€PμPSPSCf PīP°C†C-C" PSC,C-PI, Cf CŪPePëC... P·PjC-PPSPëPICfCf CŲC-PIPμPSCŲ P·P°PiP°P»CHPSPsPiPs C...PsP»PμCfC,PμCŲPëPSCf, P»C-PīPsPīCŲPsC,PμC—PrC-PI PSPëP·CHPePsC— C%C-P»CHPSPsCfC,C- P°P±Ps C,CŲPëPiP»C-CfPμCŲPëPrC-PI P· PSPsCŲPjP°P»CHPSPsPiPs P°P±Ps PīCŲP°PSPëCfPSPsPiPs CŲC-PIPSCf PrPs PIPëCfPsPePsPiPs P°P±Ps P·PjC-PPSPëPICfCf CŲC-PIPμPSCŲ P»C-PīPsPīCŲPsC,PμC—PrC-PI PIPëCfPsPePsC— C%C-P»CHPSPsCfC,C- P· PSPsCŲPjP°P»CHPSPsPiPs P°P±Ps PīCŲP°PSPëCfPSPsPiPs PrPs PSPëP·CHPePsPiPs, P±CfP»Ps P±C-P»CHC€PëPj Cf C...PsPrC- PrPsPIPiPsC,CŲPëPIP°P»PëC... PrPsCfP»C-PrPŲPμPSCŲ (PSPμ PjPμPSC€Pμ 48 C,PëPŲPSC-PI) PīPsCŲC-PIPSCfPSPs P· C,P°PePëPj PīCŲPë PePsCŲPsC,PePsC,PμCŲPjC-PPSPsPIPëC... PrPsCfP»C-PrPŲPμPSPSCfC.... PJ PīP°C†C-C" PSC,C-PI, CŪPeC- PīCŲPsPN€C€P»Pë 12-PjC-CfCfCfPSCf C,PμCŲP°PīC-CŲ, CŲC-PIPμPSCŲ P·P°PiP°P»CHPSPsPiPs C...PsP»PμCfC,PμCŲPëPSCf PSPμ P·CŲPsCfC,P°PI PīC-CfP»Cf 4БҢ"6

PjC-CTCCTC-PI.

PŸCžC—CtPëPr. PħPsP¶P»PëPIC-CTC,CH CTĦPĦPsP± CTĆrC—CtPëPrCf
PĦCTĦPëC,P°PjP°PSPSP° CĦPe PĦ°CtC-C”PSC,P°Pj C-P· CēPëP·PsC,,CTĦPμPSC-C”CTĦ,
C,P°Pe C- PĦ°CtC-C”PSC,P°Pj C-P· P±C-PĦPsP»CĦCTĦPSPëPj CTĦPsP·P»P°PrPsPj I
C,PëPĦCf, Cŕ P·PIBĦ™ CĦP·PeCŕ P· C†PëPj PĦPsC,CTĦC-P±PSPs CTĦPμC,PμP»CHBPSPs
CTĦPĦPsCTĦC,PμCTĦC-PĦ°C,Pë P·P° PĦ°CtC-C”PSC,P°PjPë, CĦPeC- PjP°CTĦC,CH
PIPëCTĦPsPePëPñ CTĦPëP·PëPe CTĆrC—CtPëPrCf C,P° PsC,CTĦPëPjCŕCTĦC,CH
C,PμCTĦP°PĦC-CTĦ PsP»P°PSP·P°PĦC-PSPsPj. P— PjPμC,PsCTĦ P·PSPëP¶PμPSPSCĦ
PjPsP¶P»PëPIPSCŕC,C- PĦPμCTĦPμPrPsP·CŕPIP°PSPSCĦ PĦPsC,CTĦC-P±PSPs
PIPëPĦPëCTĦCŕPIP°C,Pë PsP»P°PSP·P°PĦC-PS Cŕ C,P°P±P»PμC,PeP°C... PjP°P»PëPjPë
PeC-P»CHPePsCTĦC,CĦPjPë, PrPsCTĦC,P°C,PSC-PjPë PrP»CĦ P·P°P±PμP·PĦPμC†PμPSPSCĦ
PSP°P»PμP¶PSPsPiPs P»C-PeCŕPIP°P»CHBPSPsPiPs PμC,,PμPeC,Cŕ.

PħP°CTP° C,C-P»P°. PμPμCTĦPμPr PĦPsC†P°C,PePsPj C,PμCTĦP°PĦC-C—
PsP»P°PSP·P°PĦC-PSPsPj CTĦP»C-Pr PICĦP°C...PsPICŕPIP°C,Pë PĦPsC,PμPSCtC-PñPSC-
PSP°CTĦP»C-PrPePë PĦC-PrPIPëC%PμPSPSCĦ PjP°CTĦPë C,C-P»P° PĦ°CtC-C”PSC,P°.
PμP°CtC-C”PSC,Pë, CĦPeC- PsC,CTĦPëPjCŕCTĦC,CH P»C-PeCŕPIP°PSPSCĦ
PsP»P°PSP·P°PĦC-PSPsPj, PĦPsPIPëPSPSC- PĦCTĦPsC...PsPrPëC,Pë
CTĦPμPiCŕP»CĦCTĦPSPëPñ PjPsPSC-C,PsCTĦPëPSPi PjP°CTĦPë C,C-P»P°.

PħPsPSPsC,PμCTĦP°PĦC-CĦ PsP»P°PSP·P°PĦC-PSPsPj PrPsCTĦPsCTĦP»PëC.... PμC-Pr C†P°CT
P°PSP°P»C-P·Cŕ 13 PĦP»P°CtPμP±Ps-PePsPSC,CTĦPsP»CHPsPIP°PSPëC... PeP»C-PSC-C†PSPëC...
PrPsCTĦP»C-PrP¶PμPSCĦ P±CŕP»Ps PIPëCĦPIP»PμPSPs, C%Ps CŕB PĦ°CtC-C”PSC,C-PI,
CĦPeC- PsC,CTĦPëPjCŕPIP°P»Pë C,PμCTĦP°PĦC-CTĦ PsP»P°PSP·P°PĦC-PSPsPj,
CTĦPĦPsCTĦC,PμCTĦC-PĦ°P»PsCTĦCĦ PI CTĦPμCTĦPμPrPSCĦPsPjCŕ PĦC-PrPIPëC%PμPSPSCĦ
PjP°CTĦPë C,C-P»P° PSP° 2,6 PePi PĦPsCTĦC-PIPSCĦPSPs P· PIC,CTĦP°C,PsCTĦ PjP°CTĦPë C,C-P»P° PI
CTĦPμCTĦPμPrPSCĦPsPjCŕ PSP° 0,3 PePi Cŕ PiCTĦCŕPĦC- PĦP»P°CtPμP±Ps PiCTĦPë PjPμPrC-P°PSC-
P·P°CTĦC,PsCTĦCŕPIP°PSPSCĦ 6 C,PëP¶PSC-PI; Cŕ 22,2 % PĦ°CtC-C”PSC,C-PI C-P· C,PëC...,
CĦPeC- PsC,CTĦPëPjCŕPIP°P»Pë C,PμCTĦP°PĦC-CTĦ PsP»P°PSP·P°PĦC-PSPsPj,
CTĦPĦPsCTĦC,PμCTĦC-PĦ°P»PsCTĦCĦ PiC-PrPIPëC%PμPSPSCĦ PjP°CTĦPë C,C-P»P° PSPμ
PjPμPSC€Pμ PSC-P¶ PSP° 7 % PjP°CTĦPë PSP° PĦPsC†P°C,PeCŕ P»C-PeCŕPIP°PSPSCĦ
PĦPsCTĦC-PIPSCĦPSPs P· 3 % PĦ°CtC-C”PSC,C-PI PiCTĦCŕPĦPë PĦP»P°CtPμP±Ps PiCTĦPë
PjPμPrC-P°PSC- P·P°CTĦC,PsCTĦCŕPIP°PSPSCĦ 8 C,PëP¶PSC-PI; Cŕ 4,2 % PĦ°CtC-C”PSC,C-PI
CTĦPĦPsCTĦC,PμCTĦC-PĦ°P»PsCTĦCĦ P·P±C-P»CHC€PμPSPSCĦ PjP°CTĦPë C,C-P»P°
PiCTĦPëPSP°PñPjPSC- PSP° 15 % PjP°CTĦPë PSP° PĦPsC†P°C,PeCŕ P»C-PeCŕPIP°PSPSCĦ
PĦPsCTĦC-PIPSCĦPSPs P· 0,3 % PĦ°CtC-C”PSC,C-PI PiCTĦCŕPĦPë PĦP»P°CtPμP±Ps PiCTĦPë
PjPμPrC-P°PSC- P·P°CTĦC,PsCTĦCŕPIP°PSPSCĦ 12 C,PëP¶PSC-PI. PħP»C-PSC-C†PSPs
P·PSP°C†CŕC%Pμ P·P±C-P»CHC€PμPSPSCĦ PjP°CTĦPë C,C-P»P°
CTĦPĦPsCTĦC,PμCTĦC-PĦ°P»PsCTĦCĦ Cŕ PICŕC-C... PeP°C,PμPiPsCTĦC-Pñ PĦ°CtC-C”PSC,C-PI P·P°
P†PħPŸ (C-PSPPrPμPeCŕ PjP°CTĦPë C,C-P»P°). PμCTĦPëPĦPëPSPμPSPSCĦ C,PμCTĦP°PĦC-C—
C†PμCTĦPμP· P·P±C-P»CHC€PμPSPSCĦ PjP°CTĦPë C,C-P»P° PIC-PrP±CŕP»PsCTĦCĦ Cŕ 0,2 %
PĦ°CtC-C”PSC,C-PI, CĦPeC- PsC,CTĦPëPjCŕPIP°P»Pë P»C-PeCŕPIP°PSPSCĦ
PsP»P°PSP·P°PĦC-PSPsPj, PĦPsCTĦC-PIPSCĦPSPs P· 0 % PĦ°CtC-C”PSC,C-PI P· PiCTĦCŕPĦPë
PĦP»P°CtPμP±Ps.

PJ C...PsPrC- PrPsPIPĦPsC,CTĦPëPIP°P»PëC... PeP»C-PSC-C†PSPëC... PrPsCTĦP»C-PrP¶PμPSCĦ
(PSPμ PjPμPSC€Pμ 48 C,PëP¶PSC-PI) CTĦPμCTĦPμPrPSC” P·P±C-P»CHC€PμPSPSCĦ PjP°CTĦPë
C,C-P»P° Cŕ PĦ°CtC-C”PSC,C-PI P±CŕP»Ps 5,6 PePi (PiCTĦPë PjPμPrC-P°PSC-
P·P°CTĦC,PsCTĦCŕPIP°PSPSCĦ 573 PrPSC-; N = 2021). PħC-P»CHPeC-CTĦC,CH

$\text{P}^{\text{IP}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}^{\text{PSC},\text{C-PI}}, \text{C}^{\dagger} \text{C}^{\dagger}\text{P}^{\text{eP}^{\text{eC}}}\dots \text{C}^{\dagger}\text{P}^{\text{IPsC}^{\dagger}\text{C}}, \text{P}^{\text{uCT}}\text{C}-\text{P}^{\text{IP}^{\circ}\text{P}}\rangle\text{P}^{\text{SC}^{\dagger}\text{C}^{\dagger}} \text{P}^{\cdot}\text{P}^{\pm}\text{C}-\text{P}\rangle\text{C}^{\text{H}}\text{C}^{\text{eP}}\text{P}^{\text{uPSPSC}^{\dagger}}$
 $\text{P}^{\text{J}}\text{P}^{\circ}\text{C}^{\dagger}\text{P}^{\text{e}} \text{C}, \text{C}-\text{P}\rangle\text{P}^{\circ} \text{PSP}^{\text{u}} \text{P}^{\text{J}}\text{P}^{\text{uPSC}}\text{€} \text{PSC}-\text{P}^{\text{¶}} \text{PSP}^{\circ} 7 \%, 15 \%, \text{P}^{\circ}\text{P}^{\pm}\text{Ps} 25 \%, \text{P}^{\text{IPsC}^{\dagger}\text{P}^{\circ}\text{C}}, \text{PePsPIP}^{\text{PsC}}-$
 $\text{P}^{\text{J}}\text{P}^{\circ}\text{C}^{\dagger}\text{P}^{\text{e}}, \text{P}^{\text{IC}}\text{P}^{\text{e}} \text{PrPsPIP}^{\text{IPsC}}, \text{C}^{\text{H}}\text{P}^{\text{ePIP}^{\circ}\text{P}}\rangle\text{PsP}^{\text{J}}\text{C}^{\dagger} \text{P}^{\cdot}\text{P}^{\circ}\text{C}^{\dagger}\text{C}, \text{PsC}^{\dagger}\text{C}^{\dagger}\text{PIP}^{\circ}\text{PSPSC}-$
 $\text{PsP}\rangle\text{P}^{\circ}\text{PSP}^{\cdot}\text{P}^{\circ}\text{P}^{\text{IC}}-\text{PSC}^{\dagger} \text{C}^{\dagger}\text{C}, \text{P}^{\circ}\text{PSPsPIP}^{\text{eP}}\rangle\text{P}^{\circ} 64 \%, 32 \% \text{B} \text{C}, \text{P}^{\circ} 12 \% \text{PIC}-\text{PrP}^{\text{IPsPIC}}-\text{PrPSPs}.$
 $\text{P}^{\text{uCT}}\text{P}^{\text{eP}^{\text{IPePSP}}\text{uPSPSC}^{\dagger}} \text{C}, \text{P}^{\text{uCT}}\text{P}^{\circ}\text{P}^{\text{IC}}-\text{C}-\text{C}^{\dagger}\text{P}^{\text{uCT}}\text{P}^{\text{uP}} \cdot \text{P}^{\cdot}\text{P}^{\pm}\text{C}-\text{P}\rangle\text{C}^{\text{H}}\text{C}^{\text{eP}}\text{P}^{\text{uPSPSC}^{\dagger}} \text{P}^{\text{J}}\text{P}^{\circ}\text{C}^{\dagger}\text{P}^{\text{e}}$
 $\text{C}, \text{C}-\text{P}\rangle\text{P}^{\circ} \text{PIC}-\text{PrP}^{\pm}\text{C}^{\dagger}\text{P}\rangle\text{PsC}^{\dagger}\text{C}^{\dagger} \text{C}^{\dagger} 0,4 \%, \text{P}^{\text{IP}^{\circ}\text{C}^{\dagger}\text{C}-\text{C}^{\text{PSC},\text{C-PI}}, \text{C}^{\dagger}\text{P}^{\text{eC}}-\text{PsC}, \text{C}^{\text{H}}\text{P}^{\text{eP}^{\text{J}}\text{C}^{\dagger}\text{PIP}^{\circ}\text{P}}\rangle\text{P}^{\text{e}}$
 $\text{P}\rangle\text{C}-\text{PeC}^{\dagger}\text{PIP}^{\circ}\text{PSPSC}^{\dagger} \text{PsP}\rangle\text{P}^{\circ}\text{PSP}^{\cdot}\text{P}^{\circ}\text{P}^{\text{IC}}-\text{PSPsP}^{\text{J}} \text{P}^{\text{IC}}\text{P}^{\text{PsC}}, \text{C}^{\dagger}\text{P}^{\text{IPsP}^{\text{J}} \text{PSP}^{\text{u}} \text{P}^{\text{J}}\text{P}^{\text{uPSC}}\text{€} \text{PSC}-\text{P}^{\text{¶}} 48$
 $\text{C}, \text{P}^{\text{eP}^{\text{¶}}}\text{PSC}-\text{PI}.$

$P \cdot P_{\mu} P_i C \acute{z} P \gg C \dot{I} C \dot{+} C - C \dot{I} C, P_{\mu} P_j P_i P_{\mu} C \dot{H} P^{\circ} C, C \acute{z} C \dot{H} P \acute{e} C, C - P \gg P^{\circ}$. $P_{\mu} P_s C \dot{H} C \acute{r} C \epsilon P_{\mu} P S P S C \dot{I} C$
 $P \cdot P r P^{\circ} C, P S P s C \dot{I} C, C - C, C - P \gg P^{\circ}$ $P \cdot P S P \acute{e} P \dot{I} C \acute{r} P I P^{\circ} C, P \acute{e} C \dot{I} P I P s C \dot{H} C, P_{\mu} P_j P_i P_{\mu} C \dot{H} P^{\circ} C, C \acute{r} C \dot{H} C \acute{r}$
 $C \dot{I} P_i P s C \dot{I} C, P_{\mu} C \dot{H} C - P i P^{\circ} P \gg P s C \dot{I} C \dot{I} C$ $C \acute{r} P \cdot P I B \dot{H}^{\text{TM}} C \dot{I} P \cdot P e C \acute{r} C - P \cdot P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} P_j$
 $P^{\circ} P S C, P \acute{e} P \dot{I} C \dot{I} P \acute{e} C \dots P s C, P \acute{e} P e C - P I$ $P \cdot P_{\mu} P e P s P_j P_{\mu} P S P r P s P I P^{\circ} P S P s P \cdot P I P^{\circ} P \dot{I} P^{\circ} C, P \acute{e} P S P^{\circ} C \dot{+} P_{\mu} P N \acute{e}$
 $C, P^{\circ} P e C, P \dot{I} C \dot{H} P \acute{e} P \dot{I} C \dot{H} P \acute{e} P \cdot P S P^{\circ} C \dot{+} P_{\mu} P S P S C - P s P \gg P^{\circ} P S P \cdot P^{\circ} P \dot{I} C - P S C \acute{r} P \dot{I} P^{\circ} C \dot{+} C - C^{\text{P}} S C, P^{\circ} P_j, C \dot{I} P e C -$
 $P \cdot P S P^{\circ} C \dots P s P r C \dot{I} C, C \dot{H} C \dot{I} C \dot{I} P I C \acute{r} P_j P s P I P^{\circ} C \dots, C \% P s P_j P s P \dot{I} C \acute{r} C, C \dot{H} P \dot{I} C \dot{H} P \acute{e} P \cdot P I P_{\mu} C \dot{I} C, P \acute{e} P r P s$
 $P \dot{I} C - P r P I P \acute{e} C \% P_{\mu} P S P S C \dot{I} C, P_{\mu} P_j P_i P_{\mu} C \dot{H} P^{\circ} C, C \acute{r} C \dot{H} P \acute{e} C, C - P \gg P^{\circ}, C, P^{\circ} P e P \acute{e} C \dots C \dot{I} P e$
 $P \dot{I} P s C \dot{I} P \acute{e} P \gg P_{\mu} P S C - C, C \dot{H} P_{\mu} P S C \acute{r} P I P^{\circ} P S P S C \dot{I} C, P \dot{I} P_{\mu} C \dot{H} P_{\mu} P \pm C \acute{r} P I P^{\circ} P S P S C \dot{I} C$ $P I C \acute{r} P_j P s P I P^{\circ} C \dots$
 $P_{\mu} P e C \dot{I} C, C \dot{H} P_{\mu} P_j P^{\circ} P \gg C \dot{H} P S P \acute{e} C \dots C, P_{\mu} P_j P_i P_{\mu} C \dot{H} P^{\circ} C, C \acute{r} C \dot{H}, C \dot{I} C \acute{r} P \dot{I} C \acute{r} C, P S C^{\text{P}}$
 $P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} C$ $P \cdot P^{\circ} C \dot{I} P s P \pm C - P I P \cdot P^{\circ} P S C, P \acute{e} C \dots P s P \gg C - P S P_{\mu} C \dot{H} P \dot{I} C - C \dot{+} P S P s C \dot{H}$
 $P^{\circ} P e C, P \acute{e} P I P S C - C \dot{I} C, C \dot{H} P^{\circ} P \pm P s C \dot{I} C, P^{\circ} P S P r P_{\mu} P \dot{I} C - P r C \dot{H} P^{\circ} C, P^{\circ} C \dot{+} C - C _.$

PsP»P°PSP·P°PīC-PSCř Cř PīP°C†C-C"°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCř C-P·
 PīCĬPēC...PsP·PsPj, PīPsPIbĤ™ CĬP·P°PSPēPj P· PrPμPjPμPSC†C-C"°CĤ (n = 1184),
 CĬPīPsCĬC,PμCĤC-PiP°P»PēCĬCĬ C,P°PeC- PīPsP±C-C†PSC- CĤPμP°PeC†C-C—,
 PīPsPIbĤ™ CĬP·P°PSC- C-P· C,PμCĤP°PīC-C"°CĤ, C-P· C†P°CĬC,PsC,PsCĤ
 PIPēPSPēPePSPμPSPSCĬ PSPμ PjPμPSCēPμ 2 %, CĬPeP° P·PSP°C†CřC°Ps
 PīPμCĤPμPIPēC°CřPīP°P»P° C,P°PeCř Cř PīP°C†C-C"°PSC,C-PI PiCĤCřPīPē PīP»P°C†PμP±Ps:
 PīP°PrC-PSPSCĬ, CĬPsPSP»PēPIC-CĬC,CHb, PīPμCĤPēC,,PμCĤPēC†PSC- PSP°P±CĤCĬPePē,
 PīPsCĤCřCēPμPSPSCĬ C...PsPrPē, PSPμC,CĤPēPjP°PSPSCĬ CĬPμC†C-, P»PμC,P°CĤPīC-CĬ,
 P·P±C-P»CHbCēPμPSPSCĬ PjP°CĬPē C,C-P»P°, P°CĬC,PμPSC-CĬ, PīC-CĤPμPeCĬC-CĬ,
 PīPSPμPIPjPsPSC-CĬ, PIC-PrC†CřC,C,CĬ CĬCřC...PsCĬC,C- PI CĤPsC,C- C,P° P·PsCĤPsPIC-
 PīP°P»CĤC†PēPSP°C†C-C—. PšP°CĬC,PsC,P° PīCĤPēPīPēPSPμPSPSCĬ C,PμCĤP°PīC-C—
 C†PμCĤPμP· PīPsP±C-C†PSC- CĬPIPēC°P° P±CřPI PIPēC°PēPNē Cř PiCĤCřPīC-, CĬPeP°
 PsC,CĤPēPjCřPīP°P»P° PsP»P°PSP·P°PīC-PS, PīPsCĤC-PIPSĬPSPs P· PīP»P°C†PμP±Ps (13 %
 PīPsCĤC-PIPSĬPSPs P· 7 %). PJ PīP°C†C-C"°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCř C-P·
 PīCĬPēC...PsP·PsPj, PīPsPIbĤ™ CĬP·P°PSPēPj P· PrPμPjPμPSC†C-C"°CĤ, CĬPeC-
 PsC,CĤPēPjCřCĤC,CHb PsP»P°PSP·P°PīC-PS, PIPēC°PēPNē CĤC-PIPμPSCHb
 P»PμC,P°P»CHbPSPsCĬC,C- PīPsCĤC-PIPSĬPSPs P· PiCĤCřPīPsCĤ PīP»P°C†PμP±Ps.
 PhP»P°PSP·P°PīC-PS PSPμ PīPsPeP°P·P°PSPēPNē PrP»CĬ P»C-PeCřPīP°PSPSCĬ
 PīP°C†C-C"°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCř C-P· PīCĬPēC...PsP·PsPj,
 PīPsPIbĤ™ CĬP·P°PSPēPj P· PrPμPjPμPSC†C-C"°CĤ. PhP»P°PSP·P°PīC-PS PSPμ
 P·P°CĬC,PsCĬPsPICřPīP°PICĬCĬ PI PrPsCĬC,P°C,PSC-PNē PeC-P»CHbPePsCĬC,C-
 PIPēPīP°PrPeC-PI PīP°C†C-C"°PSC,P°Pj P· PSPμC°PsPrP°PIPSĬ-Pj C-PSC,,P°CĤPeC,PsPj
 PjC-PsPeP°CĤPrP° P°P±Ps PSPμCĬC,P°P±C-P»CHbPSPēPj CĬPμCĤC†PμPIPēPj
 P·P°C...PIPsCĤCĤPIP°PSPSCĬPj. PμP°C†C-C"°PSC,Pē P· PIPēC°PμPIPeP°P·P°PSPēPjPē
 PrC-P°PiPSPsP·P°PjPē P±CřP»Pē PIPēPeP»CĤC†PμPSC- P· PīCĤPμPjP°CĤPePμC,PēPSPiPsPIPēC...
 PeP»C-PSC-C†PSPēC... PrPsCĬP»C-PrP¶PμPSCHb. PŸP»C-Pr P· PsP±PμCĤPμP¶PSC-CĬC,CĤ
 P·P°CĬC,PsCĬPsPICřPīP°C,Pē PsP»P°PSP·P°PīC-PS PrP»CĬ P»C-PeCřPīP°PSPSCĬ
 PīP°C†C-C"°PSC,C-PI C-P· CĬPμCĤC†PμPIPēPjPē P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPē C†PμCĤPμP·
 CĤPēP·PēPe PIPēPSPēPePSPμPSPSCĬ PsCĤC,PsCĬC,P°C,PēC†PSPsC— PiC-PīPsC,PμPSP·C-C—.

*P»P°P±PsCĤP°C,PsCĤPSC- PrPsCĬP»C-PrP¶PμPSPSCĬ. P PμPePsPjPμPSPPrCřC"°C,CHbCĬCĬ
 PePsPSC,CĤPsP»CĤPIP°C,Pē PīP»CĤPePsP·Cř PSP°C,C°Pμ C,P° P»C-PīC-PrPSPēPNē
 PīCĤPsC,,C-P»CHb PSP° PīPsC†P°C,PeCř P»C-PeCřPīP°PSPSCĬ C,P° PīPμCĤC-PsPrPēC†PSPs
 PīC-Pr C†P°CĬ P»C-PeCřPīP°PSPSCĬ.*

*P"C-PiPμCĤPīCĤPsP»P°PeC,PēPSPμPjC-CĬ. PīPe C- C-PSCēC- P·P°CĬPsP±Pē P·
 PIP»P°CĬC,PēPIPsCĬC,CĬPjPē P°PSC,P°PiPsPSC-CĬC,C-PI PrPsPīP°PjC-PSPsPIPēC...
 CĤPμC†PμPīC,PsCĤC-PI D₂, PsP»P°PSP·P°PīC-PS PīC-PrPIPēC°CřC"° PI PeCĤPsPIC-
 CĤC-PIPSĬ- PīCĤPsP»P°PeC,PēPSCř, C- C†Pμ PīC-PrPIPēC°PμPSPSCĬ
 P·P±PμCĤC-PiP°C"°C,CHbCĬCĬ PīCĤPē C,CĤPēPIP°P»PsPjCř P·P°CĬC,PsCĬCřPīP°PSPSC-.
 P"C-PiPμCĤPīCĤPsP»P°PeC,PēPSPμPjC-CĬ PjPsP¶Pμ PīCĤPēPiPSC-C†CřPīP°C,Pē
 PiC-PīPsC,P°P»P°PjC-C†PSPēPNē PīPsCĤPjPsPS GnRH, CĤPμP·CřP»CHbC,P°C,PsPj
 C†PsPiPs C"° P·PSPēP¶PμPSPSCĬ CĬPμPeCĤPμC†C-C— PīC-C,CřC—C,P°CĤPSPsPiPs
 PīPsPSP°PrPsC,CĤPsPīC-PSCř. PīPμ, PI CĬPIPsCĤ C†PμCĤPīCř, PjPsP¶Pμ
 C-PSPiC-P±CřPīP°C,Pē CĤPμPīCĤPsPrCřPeC,PēPIPSĬC,,CřPSPeC†C-CĤ CēP»CĬC...PsPj
 PīPsCĤCřCēPμPSPSCĬ PīPsPSP°PrPSPsPiPs CĬPīPμCĤPjP°C,PsPiPμPSPμP·Cř CĬPe Cř
 C†PsP»PsPIC-PeC-PI, C,P°Pe C- Cř P¶C-PSPsPe. PμPsPIC-PrPsPjP»CĬP»PsCĬCĬ PīCĤPs
 PīP°P»P°PeC,PsCĤPμCĤ, P°PjPμPSPsCĤPμCĤ, PiC-PSPμPePsPjP°CĬC,C-CĤ C,P°
 C-PjPīPsC,PμPSC†C-CĤ Cř PīP°C†C-C"°PSC,C-PI, CĬPeC- PsC,CĤPēPjCřPīP°P»Pē
 PīCĤPμPīP°CĤP°C,Pē, C°Ps PīC-PrPIPēC°CřPīP°P»Pē CĤC-PIPμPSCHb*

PiCḡPsP»P°PeC,PëPSCř. P°PsPIPiPsC,CḡPëPIP°P»P°
PiC-PiPµCḡPiCḡPsP»P°PeC,PëPSPµPjC-Cḡ, P°CřPsC†C-PNëPsPIP°PSP° C-P.
PiC-PiPsPiPsPSP°PrPëP·PjPsPj, PjPsP¶Pµ PiCḡPëP·PIPµCřC,Pë PrPs P·PSPëP¶PµPSPSCḡ
C%oC-P»CHBPSPsCřC,C- PeC-CřC,PsPe CḡPe Cř C‡PsP»PsPIC-PeC-PI, C,P°Pe C- Cř
P¶C-PSPsPe.

P°PsPrP°C,PePsPIC- PrPsCřP»C-PrP¶PµPSPSCḡ/ P»P°P±PsCḡP°C,PsCḡPSC- PrP°PSC-.
P°PµCḡCřC‡Pë PrPs CřPIP°PiPë, C%oPs Cř C...PsPrC- PrPµCḡPePëC... PrPsCřP»C-PrP¶PµPSCḡ
PSP° C,PIP°CḡPëPSP°C... CřPiPsCřC,PµCḡC-PiP°P»P°CřCḡ PSPµPNëC,CḡPsPiPµPSC-Cḡ,
P°CřPsC†C-PNëPsPIP°PSP° C-P. PiCḡPëPNëPsPjPsPj C-PSCëPëC... PiCřPëC...PsC,CḡPsPiPSPëC...
PePsPjPiPsPSPµPSC,C-PI, C,P° P»PµPNëPePsPiPµPSC-Cḡ, P°CřPsC†C-PNëPsPIP°PSP° C-P.
PiCḡPëPNëPsPjPsPj PsP»P°PSP·P°PiC-PSCř (PrPëPI. B«PÿPsPeCřPëPePsP»PsPiC-C‡PSC-
PrPsCřP»C-PrP¶PµPSPSCḡ PSP° C,PIP°CḡPëPSP°C...B» PSPëP¶C‡Pµ),
PiPµPjP°C,PsP»PsPiC-C‡PSC- PiP°CḡP°PjPµC,CḡPë PsC†C-PSCḡPIP°P»PëCřCH P·
PsCřPsP±P»PëPIPsCḡ CřPIP°P¶PSC-CřC,Cḡ Cř PiCḡPµPjP°CḡPePµC,PëPSPiPsPIPëC...
PrPsCřP»C-PrP¶PµPSPSCḡC... PsP»P°PSP·P°PiC-PSCř. Pj C‡PëC...
PrPsCřP»C-PrP¶PµPSPSCḡC... PSPµ P±CřP»Ps PIPëCḡPIP»PµPSPs CḡPëP·PëPeCř
PIPëPSPëPePSPµPSPSCḡ PeP»C-PSC-C‡PSPs P·PSP°C‡CřC%oPs— PSPµPNëC,CḡPsPiPµPSC-C—,
PiPsPIBḡ™ CḡP·P°PSPsC— P· P»C-PeCřPIP°PSPSCḡPj PsP»P°PSP·P°PiC-PSPsPj.

PµPsCřC,PjP°CḡPePµC,PëPSPiPsPIC- P·PIC-C,Pë.

P—PIC-C,Pë PiCḡPs PiPsP±C-C‡PSC- CḡPµP°PeC†C-C— P· PjPsPjPµPSC,Cř PIPëC...PsPrCř
PsP»P°PSP·P°PiC-PSCř PSP° CḡPëPSPsPe, CḡPeC- P±CřP»Pë P·P° C‡P°CřPsPj
PiPsPIBḡ™ CḡP·P°PSC- (P°P»Pµ PSPµ PsP±PsPIBḡ™ CḡP·PePsPIPs CřPiCḡPëC‡PëPSPµPSC-) P·
C,PµCḡP°PiC-C°Cḡ PsP»P°PSP·P°PiC-PSPsPj, PIPëP»CḡC‡P°P»Pë PSPµPNëC,CḡPsPiPµPSC-Cḡ.

PÿPsPeCřPëPePsP»PsPiC-C‡PSC- PrPsCřP»C-PrP¶PµPSPSCḡ PSP° C,PIP°CḡPëPSP°C....

PµC-Pr C‡P°Cř PrPsCřP»C-PrP¶PµPSCḡ PsP»P°PSP·P°PiC-PSCř PSP° C,PIP°CḡPëPSP°C...
PsCřPSPsPIPSPëPjPë PiPµPjP°C,PsP»PsPiC-C‡PSPëPjPë PiPsCḡCřCëPµPSPSCḡPjPë P±CřP»Pë
PsP±PsCḡPsC,PSP° PiPµCḡPëC,,PµCḡPëC‡PSP° C‡PëC,PsPiPµPSC-Cḡ PI PsPeCḡPµPjPëC...
PsCřPsP±PëPS CřPsP±P°Pe PiCḡPë PrPsP·CřPIP°PSPSC- 10 PjPi/PePi (Cř 17 CḡP°P·C-PI
P±C-P»CHCëPµ P·P° PjP°PeCřPëPjP°P»CHBPSCř CḡPµPePsPjPµPSPPrPsPIP°PSCř PrPµPSPSCř
PiPµCḡPsCḡP°P»CHBPSCř PrPsP·Cř PrP»Cḡ P»CḡPrPëPSPë PiCḡPë CḡPsP·CḡP°C...CřPSPeCř
PrPsP·Pë Cř PjPi/Pj² PiPsPIPµCḡC...PSC- C,C-P»P°), PrPsP·PsP·P°P»PµP¶PSPµ P·PSPëP¶PµPSPSCḡ
PeC-P»CHPePsCřC,C- P»C-PjC,,PsC†PëC,C-PI C- PSPµPNëC,CḡPsC,,C-P»C-PI Cř PjPëCëPµPNë C-
P»C-PjC,,PsPiPµPSC-Cḡ Cř C%oCřCḡC-PI. Pj PeC-P»CHPePsC... CřPsP±P°Pe, CḡPeC-
PsC,CḡPëPjCřPIP°P»Pë PrPsP·Pë 10 PjPi/PePi, CḡPsP·PIPëPSCřP»P°CřCH PsP±PsCḡPsC,PSP°
PSPµPNëC,CḡPsPiPµPSC-Cḡ C,P°/P°P±Ps PsP±PsCḡPsC,PSP° PiPµPjPsP»C-C,PëC‡PSP°
P°PSPµPjC-Cḡ Cř PiPµCḡC-PsPr PjC-P¶ 1 C- 10 PjC-CřCḡC†CḡPjPë P»C-PeCřPIP°PSPSCḡ.
P°PsP·PsP·P°P»PµP¶PSPµ P·PSPëP¶PµPSPSCḡ PeC-P»CHPePsCřC,C- P»C-PjC,,PsC†PëC,C-PI C-
PSPµPNëC,CḡPsC,,C-P»C-PI PIC-PrP·PSP°C‡P°P»PsCřCḡ PI PjPëCëPµPNë, C%oPs
PsC,CḡPëPjCřPIP°P»Pë PrPsP·Cř 10 PjPi/PePi (PrPsCḡC-PIPSCHC° PrPIPsCḡP°P·PsPIC-PNë
PjP°PeCřPëPjP°P»CHBPSC-PNë CḡPµPePsPjPµPSPPrPsPIP°PSC-PNë C%oPsPrPµPSPSC-PNë
PiPµCḡPsCḡP°P»CHBPSC-PNë PrPsP·C- PrP»Cḡ P»CḡPrPëPSPë PiCḡPë CḡPsP·CḡP°C...CřPSPeCř
PrPsP·Pë Cř PjPi/Pj² PiPsPIPµCḡC...PSC- C,C-P»P°) Cř C...PsPrC- PrPsCřP»C-PrP¶PµPSCḡ
C,CḡPëPIP°P»C-CřC,Cḡ 3 PjC-CřCḡC†C-. PkPµCřPiPµC†PëC,,C-C‡PSP° P»C-PjC,,PsPiPµPSC-Cḡ,
PIC-PrPiPsPIC-PrPSPs PrPs P·PSPëP¶PµPSPSCḡ PiCḡPëCḡPsCřC,Cř PjP°CřPë C,C-P»P°,
CřPiPsCřC,PµCḡC-PiP°P»P°CřCḡ Cř C%oCřCḡC-PI, CḡPeC- PsC,CḡPëPjCřPIP°P»Pë PrPsP·Cř
22,5 PjPi/PePi (Cř 11 CḡP°P·C-PI P±C-P»CHCëPµ P·P° PjP°PeCřPëPjP°P»CHBPSCř

PePsPSC, C₇PsP»C₇PIP° C, Pë C₇C, P° PS P₅PsPIPsPSP° C₇PsPrP¶P₄MPSPëC....

P₄C₇Pë PrPsC₇P»C-PrP¶P₄MPSPSC- P-PrPsC₇PsPIPëC... P¶C-PSPsPe, C₄PeC- PiPsPrC₇PIP°P»Pë
PiC₇C₇PrPrC₇, PsP»P°PSP·P°PiC-PS P±C₇P»Ps PIPëC₄PIP»P₄MPSPs C₇ PiC₇C₇PrPSPsPjC₇
PjPsP»PsC₇C-. P₇P₄C₇P₄PrPSC₄ PrPsP·P° PrP»C₄ P₅P₄PjPsPIP»C₄C, Pë (PjPi/PePi) P±P₄P·
C₇PëP·PëPeC₇ PrP»C₄ PSC₇PsPiPs PsC₇C-PSC₇PIP°P»P°C₇C₄ C₄Pe 1,8 %
PjP° C, P₄C₇PëPSC₇C₇PePsC— PrPsP·Pë (PjPi/PePi). P₄P°C₇C-C''PSC, PeP°Pj
C₇P₄PePsPjP₄MPSP₇C₇C, C₇C₇C₄ P₅P₄ PiPsPrC₇PIP° C, Pë P₅P₄PjPsPIP»C₄C, PiC₇C₇PrPrC₇,
C₄PeC%oPs PIPsPSPë PiC₇PëP₄PjP°C₇C, C₇ PsP»P°PSP·P°PiC-PS.

P₄P₄C₇C, PëP»C₇HPSC-C₇C, C₇. P'PiP»PëPI P₅P° C, P₄C₇C, PëP»C₇HPSC-C₇C, C₇
P₅P₄PIC-PrPsPjPëP₄ (PrPsPeP»C-PSC-C₇PSC- PrP°PSC- PrPëPI. C₇ C₇PsP·PrC-P»C-
B«P''PsPeP»C-PSC-C₇PSC- PrP°PSC- P· P±P₄P·PiP₄PePëB» PIPëC%oP₄).

P—PrP° C, PSC-C₇C, C₇ PIPiP»PëPIP° C, Pë P₅P° C€PIPëPrPeC-C₇C, C₇ C₇P₄P°PeC₇C-C— PiC₇Pë
PeP₄C₇C₇PIP°PSPSC- P°PIC, PsC, C₇P°PSC₇PiPsC₇C, PsPj P°P±Ps C-PSC€PëPjPë
PjP₄C...P°PSC-P·PjP°PjPë.

P''PsC₇P»C-PrP¶P₄MPSC₇ PIPiP»PëPIC₇ PsP»P°PSP·P°PiC-PSC₇ P₅P° C€PIPëPrPeC-C₇C, C₇
C₇P₄P°PeC₇C-C— PiC₇Pë PeP₄C₇C₇PIP°PSPSC- P°PIC, PsC, C₇P°PSC₇PiPsC₇C, PsPj P°P±Ps
C₇PsP±PsC, C- P· C-PSC€PëPjPë PjP₄C...P°PSC-P·PjP°PjPë P₅P₄ PiC₇PsPIPsPrPëP»Pë.
PhC₇PeC-P»C₇HPePë PsP»P°PSP·P°PiC-PS PjPsP¶P₄ C₇PiC₇PëC₇PëPSPëC, Pë
C₇PsPSP»PëPIC-C₇C, C₇ C, P° P·P°PiP°PjPsC₇PsC₇P₄MPSPSC₄, PiP°C₇C-C''PSC, C-PI C₇P»C-Pr
PiPsPiP₄C₇P₄PrPëC, Pë PiC₇Ps P₅P₄P±P₄P·PiP₄PeC₇, PiPsPiB₇™ C₄IP·P°PSC₇ P·
P₄PeC₇PiP»C₇P° C, P°C₇C-C''C₇ PjP₄C...P°PSC-P·PjC-PI, C₇ C, C₇. C₇.
P°PIC, PsC, C₇P°PSC₇PiPsC₇C, PSPëC... P·P°C₇PsP±C-PI.

P₇PiPsC₇C-P± P·P°C₇C, PsC₇C₇PIP°PSPSC₄ C, P° PrPsP·Pë.

P''PsC₇PsC₇P»C-.

PëPëP·PsC, C₇P₄MPSC-C₄. P P₄PePsPjP₄MPSP₇PsPIP°PSP° PiPsC₇P° C, PePsPIP° PrPsP·P°
PsP»P°PSP·P°PiC-PSC₇ C₇C, P°PSPsPIPëC, C₇ 10 PjPi 1 C₇P°P· P₅P° PrPsP±C₇.

P₄P°PSC-P°PeP°P»C₇HPSC- P₄PiC-P·PsPrPë. P P₄PePsPjP₄MPSP₇PsPIP°PSP°
PiPsC₇P° C, PePsPIP° PrPsP·P° PsP»P°PSP·P°PiC-PSC₇ C₄Pe PjPsPSPsC, P₄C₇P°PiC-C—
C₇C, P°PSPsPIPëC, C₇ B B B B 15 PjPi P₅P° PrPsP±C₇ P°P±Ps 10 PjPi P₅P° PrPsP±C₇
PiC₇Pë PePsPjP±C-PSPsPIP°PSPsPjC₇ P»C-PeC₇PIP°PSPSC-.

P₄C₇PsC, C-P»P°PeC, PëPeP° PiPsPIC, PsC₇PSPëC... P₅P°PiP°PrC-PI C₇ PiP°C₇C-C''PSC, C-PI P·
P±C-PiPsP»C₄IC₇PSPëPjPë C₇PsP·P»P°PrP°PjPë. P P₄PePsPjP₄MPSP₇PsPIP°PSP°
PiPsC₇P° C, PePsPIP° PrPsP·P° C₇C, P°PSPsPIPëC, C₇ 10 PjPi P₅P° PrPsP±C₇. P₄P°C₇C-C''PSC, Pë P·
P±C-PiPsP»C₄IC₇PSPëPjPë C₇PsP·P»P°PrP°PjPë, C₄PeC- PsC, C₇PëPjC₇PIP°P»Pë
PsP»P°PSP·P°PiC-PS PrP»C₄ P»C-PeC₇PIP°PSPSC₄ PjP°PSC-P°PeP°P»C₇HPSPëC...
P₄PiC-P·PsPrC-PI, PiC₇PsPrPsPIP¶C₇C, C₇ PsC, C₇PëPjC₇PIP° C, Pë PsP»P°PSP·P°PiC-PS C₇
C, PsPjC₇ P¶ PrPsP·C₇PIP°PSPSC- C- PrP»C₄ PiC₇PsC, C-P»P°PeC, PëPePë PiPsPIC, PsC₇PSPëC...
P₅P°PiP°PrC-PI. P—P° C₇PjPsPIPë C₇PsP·PIPëC, PeC₇ P₅PsPIPsPiPs
PjP°PSC-P°PeP°P»C₇HPSPsPiPs, PrP₄PiC₇P₄CI'PëPIPSsPiPs P°P±Ps P·PjC-C€P°PSPsPiPs

PrC-P°PīP°P·PsPS PrPsP· PrP»CІІ PīP°C†C-C"PSC,C-PI, CІІPeC- PSPμ PīP°P»CІІC,CH,
PSPμ PīPsC,CḡPμP±CṛCḡC,CH CḡCṛC,PēPSPSPēC... PePsCḡPēPiCṛPIP°PSCH
PīPsCḡC-PIPSCІІPSPs P· PrPsP·P°PjPē, C°%Ps P·P°CṛC,PsCṛPsPICṛCḡC,CHCṛCІІ PrP»CІІ
PīP°C†C-C"PSC,C-PI, CІІPeC- PīP°P»CІІC,CH.

PμP°P»C-PSPSCІІ PjPsP¶Pμ CṛPīCḡPēC‡PēPSCІІC,Pē PjPμC,P°P±PsP»C-P·Pj
PsP»P°PSP·P°PīC-PSCṛ. P PμPePsPjPμPSPṛCṛC" C,CHCṛCІІ PeP»C-PSC-C‡PSPμ
CṛPīPsCṛC,PμCḡPμP¶PμPSPSCІІ. Pj CḡP°P·C- PSPμPsP±C...C-PrPSPsCṛC,C- бḡ"
CḡPsP·PiP»CІІPSCṛC,Pē PjPsP¶P»PēPIC-CṛC,CH PīC-PrPIPēC°%PμPSPSCІІ PrPsP·Pē
PsP»P°PSP·P°PīC-PSCṛ (PrPēPI. CḡPsP·PrC-P» B«PḡCṛPsP±P»PēPIPsCṛC,C-
P·P°CṛC,PsCṛCṛPIP°PSPSCІІB»).

P" C-C, Pē.

PḡP»P°PSP·P°PīC-PS PSPμ CḡPμPePsPjPμPSPṛPsPIP°PSPēPNē PrP»CІІ P»C-PeCṛPIP°PSPSCІІ
PrC-C,PμPNē C,P° PīC-PrP»C-C,PeC-PI (PIC-PePsPj PrPs 18 CḡPsPeC-PI) C‡PμCḡPμP·
PIC-PrCṛCṛC,PSC-CṛC,CH PrP°PSPēC... C°%PsPrPs P±PμP·PiPμPePē PNē
PμC,,PμPeC,PēPIPSsCṛC,C-. Pj PePsCḡPsC,PePsC,PμCḡPjC-PSPsPIPēC...
PrPsCṛP»C-PrP¶PμPSPSCІІC... P·P° CṛC‡P°CṛC,Cḡ PīP°C†C-C"PSC,C-PI-PīC-PrP»C-C,PeC-PI
PīPsPIC-PrPsPjP»CІІP»PsCṛCІІ PīCḡPs P±C-P»CHCēC- P·PSP°C‡PμPSPSCІІ
PīC-PrPIPēC°%PμPSPSCІІ PjP°CṛPē C,C-P»P°, P·PjC-PS CḡC-PIPS-PI P»C-PīC-PrC-PI C-
PīCḡPsP»P°PeC,PēPSCṛ, PSC-P¶ Cṛ PrPsCṛP»C-PrP¶PμPSPSCІІC... P·P° CṛC‡P°CṛC,Cḡ
PrPsCḡPsCṛP»PēC... PīP°C†C-C"PSC,C-PI (PrPēPI. CḡPsP·PrC-P»Pē B«PḡCṛPsP±P»PēPIPsCṛC,C-
P·P°CṛC,PsCṛCṛPIP°PSPSCІІB», B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»,
B«PḡP°CḡPjP°PePsPrPēPSP°PjC-PeP°B», B«PḡP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»).

PμPμCḡPμPrPsP·CṛPIP°PSPSCІІ.

PŸPēPjPīC,PsPjPē. P" CṛP¶Pμ PīPsCēPēCḡPμPSC- (> 10 %): C,P°C...C-PeP°CḡPrC-CІІ,
P°P¶PēC,P°C†C-CІІ/P°PiCḡPμCṛPēPIPS- CṛC,CH, PrPēP·P°CḡC,CḡC-CІІ, CḡC-P·PSC-
PμPeCṛC,CḡP°PīC-CḡP°PjC-PrPSC- CṛPēPjPīC,PsPjPē C,P° P·PSPēP¶PμPSPēPNē
CḡC-PIPμPSCH CṛPIC-PrPsPjPsCṛC,C-, C°%Ps PIP°CḡC-CḡC"C,CHCṛCІІ PIC-Pr
CṛPμPrP°C†C-C— PrPs PePsPjPē.

P†PSCēPēPjPē P·PSP°C‡PSPēPjPē CṛCṛPeP»P°PrPSPμPSPSCІІPjPē PīPμCḡPμPrPsP·CṛPIP°PSPSCІІ
C" PrPμP»C-CḡC-PNē, CṛCṛPrPsPjPē, PePsPjP°, PjPsP¶P»PēPIC-CṛC,CH
PSPμPNēCḡPsP»PμPīC,PēC‡PSPsPiPs P·P»PsCІІPeC-CṛPSPsPiPs CṛPēPSPṛCḡPsPjCṛ,
PīCḡPēPiPSC-C‡PμPSPSCІІ PrPēC...P°PSPSCІІ, P°CṛPīC-CḡP°C†C-CІІ,
P°CḡC,PμCḡC-P°P»CHPSP° PīC-PīPμCḡC,PμPSP·C-CІІ P°P±Ps PīC-PīPsC,PμPSP·C-CІІ,
CṛPμCḡC†PμPIP° P°CḡPēC,PjC-CІІ (< 2 % PIPēPīP°PrPeC-PI PīPμCḡPμPrPsP·CṛPIP°PSPSCІІ) C,P°
PeP°CḡPrC-PsPīCṛP»CHPjPsPSP°P»CHPSPēPNē CēPsPe. P·PμC,P°P»CHPSC- PSP°CṛP»C-PrPePē
PIC-PrP·PSP°C‡P°P»PēCṛCІІ PīCḡPē PīPsCṛC,CḡPsPjCṛ PīPμCḡPμPrPsP·CṛPIP°PSPSC- PSP°
CḡC-PIPS- 450 PjPi, P°P»Pμ P±CṛP»Pē PNē PIPēPīP°PrPePē PIPēP¶PēPIP°PSPSCІІ PīC-CṛP»CІІ
PīPsCṛC,CḡPsPiPs PīPμCḡPμPrPsP·CṛPIP°PSPSCІІ PīC-CṛP»CІІ PīCḡPēPNēPsPjCṛ 2 Pi
PsP»P°PSP·P°PīC-PSCṛ PīPμCḡPsCḡP°P»CHPSPs.

P>C-PeCṛPIP°PSPSCІІ. PŸPīPμC†PēC,,C-C‡PSPsPiPs P°PSC,PēPrPsC,Cṛ PSPμPjP°C". PḡPμ

$C\bar{H}P_{\mu}PePsPjP_{\mu}PSP\bar{r}C\bar{r}C\bar{H}C, C\bar{H}C\bar{r}C\bar{C}\bar{I} \bar{P}iC\bar{H}P_{\mu}\bar{P}iP^{\circ}C\bar{H}P^{\circ}C, P\bar{e}, C\%_{\circ}Ps$
 $C\bar{r}\bar{P}iC\bar{H}P\bar{e}C\bar{r}P\bar{e}PSC\bar{C}\bar{I}C\bar{H}C, C\bar{H} P\pm P\gg C\bar{H}PIP^{\circ}PSPSC\bar{C}\bar{I}. P P_{\mu}PePsPjP_{\mu}PSP\bar{r}PsPIP^{\circ}PSPs$
 $C\bar{r}C, P^{\circ}PSP\bar{r}P^{\circ}C\bar{H}C, PSC- \bar{P}iC\bar{H}PsC\bar{r}P_{\mu}P\bar{r}C\bar{r}C\bar{H}P\bar{e} \bar{P}iC\bar{H}P\bar{e} \bar{P}iP_{\mu}C\bar{H}P_{\mu}P\bar{r}PsP\cdot C\bar{r}PIP^{\circ}PSPSC-$
 $(PSP^{\circ}\bar{P}iC\bar{H}P\bar{e}PeP\gg P^{\circ}P\bar{r} \bar{P}iC\bar{H}PsPjP\bar{e}PIP^{\circ}PSPSC\bar{C}\bar{I} C\bar{e}P\gg C\bar{r}PSPeP^{\circ}, \bar{P}iC\bar{H}P\bar{e}P\bar{N}_{\bar{e}}PsPj$
 $P^{\circ}PeC, P\bar{e}PIPsPIP^{\circ}PSPsPiPs PIC\bar{r}PiC-P\gg P\gg C\bar{C}\bar{I}). P^{\circ}C\bar{r}P\gg Ps PIP\bar{e}C\bar{C}\bar{I}PIP\gg P_{\mu}PSPs, C\%_{\circ}Ps$
 $C\bar{r}C\bar{r}\bar{P}iC\bar{r}C, PSC-P\bar{N}_{\bar{e}} \bar{P}iC\bar{H}P\bar{e}P\bar{N}_{\bar{e}}PsPj P^{\circ}PeC, P\bar{e}PIPsPIP^{\circ}PSPsPiPs PIC\bar{r}PiC-P\gg P\gg C\bar{C}\bar{I}$
 $P\cdot PjP_{\mu}PSC\bar{e}C\bar{r}C'' P\pm C-PsP\bar{r}PsC\bar{r}C, C\bar{r}\bar{P}iPSC-C\bar{r}C, C\bar{H} PsP\gg P^{\circ}PSP\cdot P^{\circ}\bar{P}iC-PSC\bar{r}B \bar{P}iC\bar{H}P\bar{e}$
 $\bar{P}iP_{\mu}C\bar{H}PsC\bar{H}P^{\circ}P\gg C\bar{H}PSPsPjC\bar{r} \bar{P}iC\bar{H}P\bar{e}P\bar{N}_{\bar{e}}PsPjC- PSP^{\circ} 50\bar{B}\bar{H}''60 \%$

$P^{\circ}C-P\bar{r}\bar{P}iPsPIC-P\bar{r}PSPs P\bar{r}Ps PeP\gg C-PSC-C\bar{r}PSP\bar{e}C... \bar{P}iC\bar{H}PsC\bar{C}\bar{I}PIC-PI C\bar{r}P\gg C-P\bar{r}$
 $PSP^{\circ}P\gg P^{\circ}\bar{P}iPsP\bar{r}P\bar{e}C, P\bar{e} C\bar{r}P\bar{e}PjPiC, PsPjP^{\circ}C, P\bar{e}C\bar{r}PSP_{\mu} P\gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{C}\bar{I} C, P^{\circ}$
 $PjPsPSC-C, PsC\bar{H}P\bar{e}PSPi P\bar{P}\bar{P}\bar{e}C, C, C''PIP s PIP^{\circ}P\bar{P}\bar{P}\gg P\bar{e}PIP\bar{e}C... C,, C\bar{r}PSPeC\bar{r}C-P\bar{N}_{\bar{e}},$
 $PIPeP\gg C\bar{H}C\bar{r}P^{\circ}C\bar{H}C\bar{r}P\bar{e} P\gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{C}\bar{I} P^{\circ}C\bar{H}C, P_{\mu}C\bar{H}C-P^{\circ}P\gg C\bar{H}PSPsC-$
 $PiC-PiPsC, P_{\mu}PSP\cdot C-C- C, P^{\circ} C\bar{r}P\bar{e}C\bar{H}PeC\bar{r}P\gg C\bar{C}\bar{I}C, PsC\bar{H}PSPsC- PSP_{\mu}P\bar{r}PsC\bar{r}C, P^{\circ}C, PSPsC\bar{r}C, C-, P^{\circ}$
 $C, P^{\circ}PePsP\bar{P} \bar{P}iC-P\bar{r}C, C\bar{H}P\bar{e}PjP^{\circ}PSPSC\bar{C}\bar{I} P\bar{r}P\bar{e}C... P^{\circ}PSPSC\bar{C}\bar{I}. P\bar{K}P_{\mu} C\bar{r}P\gg C-P\bar{r}$
 $P\cdot P^{\circ}C\bar{r}C, PsC\bar{r}PsPIC\bar{r}PIP^{\circ}C, P\bar{e} P_{\mu}PiC-PSP_{\mu}C,, C\bar{H}P\bar{e}PS, P\bar{r}PsPiP^{\circ}PjC-PS C, P^{\circ} C-PSC\bar{e}C-$
 $C\bar{r}P\bar{e}PjPiP^{\circ}C, PsPjC-PjP_{\mu}C, P\bar{e}PeP\bar{e} P\cdot P\bar{r}C-C''C\bar{H}, C... P^{\circ}C\bar{H}P^{\circ}PeC, P_{\mu}C\bar{H}PSPsC\bar{H} P\bar{r}P\gg C\bar{C}\bar{I} P\pm P_{\mu}C, P^{\circ}-$
 $P^{\circ}PiPsPSC-C\bar{r}C, C-PI, PsC\bar{r}PeC-P\gg C\bar{H}PeP\bar{e} P\pm P_{\mu}C, P^{\circ}-C\bar{r}C, P\bar{e}PjC\bar{r}P\gg C\bar{C}\bar{I}C\bar{r}C-C\bar{C}\bar{I} PjPsP\bar{P}P_{\mu}$
 $\bar{P}iPsPiC-C\bar{H}C\bar{e}P\bar{e}C, P\bar{e} \bar{P}iC\bar{H}PsC\bar{C}\bar{I}PIP\bar{e} PiC-PiPsC, PsPSC-C-. P''P\gg C\bar{C}\bar{I} PIP\bar{e}C\bar{C}\bar{I}PIP\gg P_{\mu}PSPSC\bar{C}\bar{I}$
 $PjPsP\bar{P}\bar{P}\gg P\bar{e}PIP\bar{e}C... P^{\circ}C\bar{H}P\bar{e}C, PjC-P\bar{N}_{\bar{e}} PSP_{\mu}PsP\pm C... C-P\bar{r}PSP\bar{e}P\bar{N}_{\bar{e}} PjPsPSC-C, PsC\bar{H}P\bar{e}PSPi$
 $C\bar{r}P_{\mu}C\bar{H}C\bar{r}P_{\mu}PIPs-C\bar{r}C\bar{r}P\bar{r}P\bar{e}PSPSPsC- C\bar{r}P\bar{e}C\bar{r}C, P_{\mu}PjP\bar{e}. P P_{\mu}C, P_{\mu}P\gg C\bar{H}PSP\bar{e}P\bar{N}_{\bar{e}}$
 $PjP_{\mu}P\bar{r}P\bar{e}C\bar{r}PSP\bar{e}P\bar{N}_{\bar{e}} PSP^{\circ}PiP\gg C\bar{C}\bar{I}P\bar{r} C, P^{\circ} PjPsPSC-C, PsC\bar{H}P\bar{e}PSPi \bar{P}iPsPIP\bar{e}PSP_{\mu}PS C, C\bar{H}P\bar{e}PIP^{\circ}C, P\bar{e}$
 $P\bar{r}Ps \bar{P}iPsPIPSPsPiPs PsP\bar{r}C\bar{r}P\bar{P}\bar{P}^{\circ}PSPSC\bar{C}\bar{I} \bar{P}iP^{\circ}C\bar{r}C-C''PSC, P^{\circ}.$

$P_{\mu}PsP\pm C-C\bar{r}PSC- C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C-.$

$P\bar{K}P^{\circ}P\bar{N}_{\bar{e}}C\bar{r}P^{\circ}C\bar{r}C, C-C\bar{e}P\bar{e}PjP\bar{e} \bar{P}iPsP\pm C-C\bar{r}PSP\bar{e}PjP\bar{e} C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C\bar{C}\bar{I}PjP\bar{e}$
 $(C\bar{r}\bar{P}iPsC\bar{r}C, P_{\mu}C\bar{H}C-PiP^{\circ}P\gg P\bar{e}C\bar{r}C\bar{C}\bar{I} C\bar{r} \geq 1 \% \bar{P}iP^{\circ}C\bar{r}C-C''PSC, C-PI), \bar{P}iPsPi\bar{B}\bar{H}^{\text{TM}} C\bar{C}\bar{I}P\cdot P^{\circ}PSP\bar{e}PjP\bar{e}$
 $C-P\cdot P\cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{C}\bar{I}Pj PsP\gg P^{\circ}PSP\cdot P^{\circ}\bar{P}iC-PSC\bar{r} PI C...PsP\bar{r}C- PeP\gg C-PSC-C\bar{r}PSP\bar{e}C...$
 $P\bar{r}PsC\bar{r}P\gg C-P\bar{r}P\bar{P}\bar{P}_{\mu}PSC\bar{H}, P\pm C\bar{r}P\gg P\bar{e} C, P^{\circ}PeC-: C\bar{r}PsPSP\gg P\bar{e}PIC-C\bar{r}C, C\bar{H},$
 $P\cdot P\pm C-P\gg C\bar{H}C\bar{e}P_{\mu}PSPSC\bar{C}\bar{I} PjP^{\circ}C\bar{r}P\bar{e} C, C-P\gg P^{\circ}, P_{\mu}PsP\cdot P\bar{e}PSPsC,, C-P\gg C-C\bar{C}\bar{I},$
 $PiC-P\bar{r}PIP\bar{e}C\%_{\circ}P_{\mu}PSPSC\bar{C}\bar{I} C\bar{H}C-PIPSC-PI \bar{P}iC\bar{H}PsP\gg P^{\circ}PeC, P\bar{e}PSC\bar{r}, C...PsP\gg P_{\mu}C\bar{r}C, P_{\mu}C\bar{H}PsP\gg C\bar{r}$
 $(C...PsP\gg P_{\mu}C\bar{r}C, P_{\mu}C\bar{H}P\bar{e}PSC\bar{r}), PiP\gg C\bar{H}PePsP\cdot P\bar{e} C, P^{\circ} C, C\bar{H}P\bar{e}PiP\gg C-C\bar{r}P_{\mu}C\bar{H}P\bar{e}P\bar{r}C-PI C\bar{r}$
 $PeC\bar{H}PsPIC-, PiP\gg C\bar{H}PePsP\cdot C\bar{r}C\bar{H}C-C\bar{C}\bar{I}, PiC-P\bar{r}PIP\bar{e}C\%_{\circ}P_{\mu}PSPSC\bar{C}\bar{I} P^{\circ}\bar{P}iP_{\mu}C, P\bar{e}C, C\bar{r},$
 $P\cdot P^{\circ}\bar{P}iP^{\circ}PjPsC\bar{H}PsC\bar{r}P_{\mu}PSPSC\bar{C}\bar{I}, P^{\circ}PeP^{\circ}C, P\bar{e}P\cdot C-C\bar{C}\bar{I}, \bar{P}iP^{\circ}C\bar{H}PeC-PSC\bar{r}PsPSC-P\cdot Pj,$
 $P\gg P_{\mu}P\bar{N}_{\bar{e}}PePsPiP_{\mu}PSC-C\bar{C}\bar{I}, PSP_{\mu}P\bar{N}_{\bar{e}}C, C\bar{H}PsPiP_{\mu}PSC-C\bar{C}\bar{I}, P\bar{r}P\bar{e}C\bar{r}PeC-PSP_{\mu}P\cdot C-C\bar{C}\bar{I},$
 $PsC\bar{H}C, PsC\bar{r}C, P^{\circ}C, P\bar{e}C\bar{r}PSP^{\circ} PiC-PiPsC, P_{\mu}PSP\cdot C-C\bar{C}\bar{I}, P^{\circ}PSC, P\bar{e}C...PsP\gg C-PSP_{\mu}C\bar{H}PiC-C\bar{r}PSC-$
 $P_{\mu}C,, P_{\mu}PeC, P\bar{e}, C, C\bar{H}P^{\circ}PSP\cdot P\bar{e}C, PsC\bar{H}PSP_{\mu} P^{\circ}C\bar{r}P\bar{e}PjPiC, PsPjP^{\circ}C, P\bar{e}C\bar{r}PSP_{\mu}$
 $\bar{P}iC-P\bar{r}PIP\bar{e}C\%_{\circ}P_{\mu}PSPSC\bar{C}\bar{I} \bar{P}iP_{\mu}C\bar{r}C-PSPePsPIP\bar{e}C... C, C\bar{H}P^{\circ}PSC\bar{r}P^{\circ}PjC-PSP^{\circ}P\cdot (P\bar{r}P\bar{e}PI.$
 $C\bar{H}PsP\cdot P\bar{r}C-P\gg B\ll P\bar{h}C\bar{r}PsP\pm P\gg P\bar{e}PIPsC\bar{r}C, C- P\cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{C}\bar{I}B\gg),$
 $PIP\bar{e}C\bar{r}P\bar{e}PiP^{\circ}PSPSC\bar{C}\bar{I}, P^{\circ}C\bar{r}C, P_{\mu}PSC-C\bar{C}\bar{I}, PiC-P\bar{r}PIP\bar{e}C\%_{\circ}P_{\mu}PSP^{\circ} PIC, PsPjP\gg C\bar{H}PIP^{\circ}PSC-C\bar{r}C, C\bar{H},$
 $PiC-PiP_{\mu}C\bar{H}C, P_{\mu}C\bar{H}PjC-C\bar{C}\bar{I}, P^{\circ}C\bar{H}C, C\bar{H}P^{\circ}P\gg PiC-C\bar{C}\bar{I}, PiC-P\bar{r}PIP\bar{e}C\%_{\circ}P_{\mu}PSPSC\bar{C}\bar{I} C\bar{H}C-PIPSC\bar{C}\bar{I}$
 $P^{\circ}P\gg PeP^{\circ}P\gg C-PSC,, PsC\bar{r}C,, P^{\circ}C, P^{\circ}P\cdot P\bar{e}, \bar{P}iP^{\circ}PjPjP^{\circ}-PiP\gg C\bar{r}C, P^{\circ}PjC-P\gg C, C\bar{H}P^{\circ}PSC\bar{r}C,, P_{\mu}C\bar{H}P^{\circ}P\cdot P\bar{e},$
 $C\bar{r}P_{\mu}C\bar{r}PsPIPsC- PeP\bar{e}C\bar{r}P\gg PsC, P\bar{e}, PeC\bar{H}P_{\mu}P^{\circ}C, P\bar{e}PSC,, PsC\bar{r}C,, PsPeC-PSP^{\circ}P\cdot P\bar{e} C, P^{\circ}$
 $PSP^{\circ}P\pm C\bar{H}C\bar{C}\bar{I}PeP\bar{e}.$

$Pj C, P^{\circ}P\pm P\gg P\bar{e}C\bar{r}C- 1 \bar{P}iC-P\bar{r}C\bar{r}C\bar{r}PjPsPIP^{\circ}PSPs PsC\bar{r}PSPsPIPSC- \bar{P}iPsP\pm C-C\bar{r}PSC-$
 $C\bar{H}P_{\mu}P^{\circ}PeC\bar{r}C-C- C, P^{\circ} C-C...PSC\bar{C}\bar{I} C\bar{r}P^{\circ}C\bar{r}C, PsC, P^{\circ}, PIP\bar{e}P\cdot PSP^{\circ}C\bar{r}P_{\mu}PSC- C\bar{r} C...PsP\bar{r}C-$
 $PeP\gg C-PSC-C\bar{r}PSP\bar{e}C... P\bar{r}PsC\bar{r}P\gg C-P\bar{r}P\bar{P}\bar{P}_{\mu}PSC\bar{H} C, P^{\circ}/P^{\circ}P\pm Ps PSP^{\circ} PsC\bar{r}PSPsPIC-$

РiРsCfГC,РjР°CГjРeРμC,РeРSPiРsPiРsPiРs РrРsCГfPIC-PrCf.

Р\$Р°CГC,РsC,Р° РeР»Р°CГРeC,,C-РeCfC”C,CHCГfCЦ C,Р°РeРeРj C±РeРSPsРj: РrCfРμРμ C±Р°CГC,Рs (≥ 1/10), C±Р°CГC,Рs (≥ 1/100 C,Р° < 1/10), РSPμC±Р°CГC,Рs (≥ 1/1000 C,Р° < 1/100), CГC-PrРeРs (≥ 1/10000 C,Р° < 1/1000), РrCfРμРμ CГC-PrРeРs (< 1/10000), C±Р°CГC,РsC,Р° РSPμPIC-PrРsРjР° (C±Р°CГC,РsC,Cf РSPμ РjРsРμPSP° PICГC,Р°РSPsPiРeC,Рe РSP° РsCГfРSPsPIC-РSP°CЦPiРSPeC... РrР°РSPeC...).

РyР°Р±Р»РeCГCЦ 1.

Р°CfРμ C±Р°CГC,Рs	Р\$Р°CГC,Рs	РkРμC±Р°CГC,Рs	Р C-PrРeРs	Р\$Р°CГC,РsC,Р° РSPμPIC-PrРsРjР°
Р— Р±РsРeCf CГРeCГC,РμРjРe РeCГsPiРsC,PiРsCГjРμРSPSCЦB C,Р° Р»C-РjC,Р°C,РeC±РSPsC— CГРeCГC,РμРjРe	Р°РsР-РeРSPsC,,C-Р»C-Ц РμРμРeРeРsРiРμPSC-Ц ¹⁰	B	РyCГsРjР±РsCГРeC,РsРiРμ-РSC-Ц ¹¹	
Р— Р±РsРeCf C-РjCfРSPSPsC— CГРeCГC,РμРjРe	РkРμРμC,CHsРiРμPSC-Ц ¹⁰			
Р— Р±РsРeCf РsРjC-РSCf CГjC±РsPiРeРs C,Р° CГsР-Р»Р°CГРeC,CГjР°PiР°РμРSPSCЦ	РμC-PrPiРeC%РμРSPSCЦ CГC-PiРSCЦ	Р°C-РiРμCГCГCfC,Р»РePiC-CГC,CH ¹¹		
Р— Р±C-Р»CHCРμРSPSCЦ РjР°CГРe C,C-Р»Р° ¹	РμC-PrPiРeC%РμРSPSCЦ CГC-PiРSCЦ C...РsР»РμCГC,РμCГjРeРSCf ^{2,3} РμC-PrPiРeC%РμРSPSCЦ CГC-PiРSCЦ PiР»CHРeРsР-Рe ⁴ РμC-PrPiРeC%РμРSPSCЦ CГC-PiРSCЦ C,CHsРiРμP»C-ГiРμCГjРeРrC-PI ^{1,5} , PiР»CHРeРsР-CfCГC-Ц, PiC-PrPiРeC%РμРSPSCЦ РiРμC,РeC,Cf	РsР-PiРeC,РsРe Р°Р±Рs Р°РiРsCГC,CHsРμРSPSCЦ PrC-Р°Р±РμC,Cf,B Р°CГsCГC-РμРsPiР°РSPsPiРs Р- РeРμC,РsР°CГРeРrРsР-РsРj Р°Р±Рs РeРsРjРsCГ, PiРeР»CHCГ°CHCГРe Р»РμC,Р°Р»CHРSC- РSP°CГР»C-PrРeРe ¹¹	Р°C-РiРsC,РμCГjРC-Ц ¹²	
Р— Р±РsРeCf РSPμCГjРsPiРsC— CГРeCГC,РμРjРe	Р— Р°PiР°РjРsCГsCГiРμРSPSCЦ, Р°РeР°C,РeР C-Ц ⁶ , PiР°CГjРeC-РSCfРsРSC-Рj ⁶ , PrРeCГРeC-РSPμP-C-Ц ⁶	Р°PiC-Р»РμPiC,РeC±РSC- РSP°PiР°РrРe, CЦРeC%Рs PiРsРSPe Р±CfР»Рe Рi Р°РSP°РjРSPμP-C- Р°Р±Рs Р±CfР»Рe РSP°CЦPiРSC- C,Р°РeC,РsCГjРe CГjРeР-РeРeCf ¹¹ , PrРeCГC,РsРSC-Ц (PiРeР»CHC±РSPs Р- РsРeCfР»CЦCHsРSPeРj CГРeРjPiC,РsРjРsРj) ¹¹ , PiC-Р-РSCЦ PrРeCГРeC-РSPμP-C-Ц ¹¹ , Р°РjРSPμP-C-Ц ¹¹ , PrРeР°C-Р°CГC,CHC-Ц, CГjРeРSPrCГsРj РSPμCГiРsРeC-РμРSPeC... РSC-Рi	РkРμРμCГjРsР»РμPiC,РeC±РSPeРμ Р»РsCЦРeC-CГРSPeРμ CГРeРSPrCГsРj ¹² (PrРePi. CHsР-PrC-Р» B»PhCГsР±Р»РeРiРsCГC,C- Р°CГC,РsCГCfPiР°РSPSCЦB»), CГРeРSPrCГsРj PiC-PrРjC-РSPe ^{7,12}	
Р— Р±РsРeCf CГРeCГC,РμРjРe PrРeC...Р°РSPSCЦ, РsCГjРiР°PSC-Рi PiCГjCfРrРSPsC— РeР»»C-C,РeРe C,Р° CГjCГjРμРrРsCГC,C-РSPSCЦ		РμCГsPiРsC,РμCГ° Р- РSPsCГР° ³		
Р— Р±РsРeCf CГРμCГjCГiРμPiРsC— CГРeCГC,РμРjРe		Р°CГР°PrРeРeР°CГjРrC-Ц, PiCГsР»РsРSPiР°CГC-Ц, C-РSC,РμCГjРiР°Р»Cf QТcr (PrРePi. CHsР-PrC-Р» B»PhCГsР±Р»РeРiРsCГC,C- Р°CГC,РsCГCfPiР°РSPSCЦB»)	Р°РμPSC,CHsРeCfР»CЦCHsРSP° C,Р°C...C-РeР°CГjРrC-Ц/ C,C-Р±CГjРeР»CЦCГC-Ц, CHsР°PiC,РsPiРeРμ Р»РμC,Р°Р»CHsРSPeРμ РSP°CГР»C-PrРsРe ¹¹ (PrРePi. CHsР-PrC-Р» B»PhCГsР±Р»РeРiРsCГC,C- Р°CГC,РsCГCfPiР°РSPSCЦB»)	
Р— Р±РsРeCf CГCfPrРeРSPSPsC— CГРeCГC,РμРjРe	PhCГC,РsCГC,Р°C,РeC±РSP° PiC-РiРsC,РμРSPSC-Ц ¹⁰	РyCГsРjР±РsРμРjР±РsР»C-Ц (PiРeР»CHC±Р°CHCГРe РμРjР±РsР»C-CH Р»РμРiРμРSPμPiРsC— Р°CГC,РμCГC-C— C,Р° C,CHsРjР±РsР- РiР»РeР±РsРeРeC... PiРμPS) (PrРePi. CHsР-PrC-Р» B»PhCГsР±Р»РeРiРsCГC,C- Р°CГC,РsCГCfPiР°РSPSCЦB»)		
Р— Р±РsРeCf CРeР»CfРSPeРsPiРs-РeРeCРeРsPiРsPiРs C,CHsР°РeC,Cf	Р-РμРiРeC-, C,РeРjCГ°CГРsPiC- Р°РSC,РeC...РsР»C-РSPμCГjРiC-CHC- РμC,РμРeC,Рe, PiРeР»CHCГ°CHCГРe Р°РiРsCГjРe C,Р° CГCГC...C-ЦC,CHs Cf CHsРC,C-	Р— PrCГC,C,Ц PiРeРiРsC,Р° Р°C-РiРμCГjCГiРμCГjРiCГC-Ц cР»РeРSPsPiРeРrC-Р»РμРSPSCЦ ¹¹	РμР°РSPeCГjРμР°C,РeC,Рe ¹¹	
Р— Р±РsРeCf PiРμPiР°C,РsР±C-Р°C-Р°CГjРSPsC— CГРeCГC,РμРjРe	РyCГjР°РSP-РeC,РsCHPSC-, Р°CГРeРjPiC,РsРjР°C,РeC±РSC- РeРsР»РeРiР°РSPSCЦ CHC-PiРSC-Рi РiРμCГC-РSPeРsPiРeC... C,CHsР°PSCГР°РjC-РSP°Р- (РhР»РhРy C,Р° РhCГРhРy), РsCГsР±Р»РeРiРs РSP° РiРsCГР°C,РeCf Р»C-РeCfPiР°РSPSCЦ, РiРμCГjРeC,РμCГjРeC±РSC- РSP°Р°CГCЦРeРe (PrРePi. CHsР-PrC-Р» B»PhCГsР±Р»РeРiРsCГC,C- Р°CГC,РsCГCfPiР°РSPSCЦB»)			
Р— Р±РsРeCf CРeC-CHsРe C,Р° C— РiРsC...C-PrРSPeC...	Р°РeCГРeРiРe	Р РμР°РeCГC— CГPIC-C,Р»РsCГCfC,Р»РeРiРsCГC,C-, Р»РsРiРμCГC-Ц	РμРμPrРeРeР°РjРμPSC,РsР-РSP° CГjРμР°РeCГC-Ц Р- РμРsР-РeРSPsC,,C-Р»C-Р°CГC,Р° CГРeCГC,РμРjРSPeРjРe CГРeРjPiC,РsРjР°РjРe (DRESS)	
Р— Р±РsРeCf CГРeРμР»РμC,РSPs-РjеГ°CЦР-РsPiРsC— C,Р° CГРiРsР»CfC±РSPsC— CГРeCГC,РμРj	PhCГC,CHsР°PiC-Ц ⁹		Р Р°Р±РrРsРjC-РsР»C-Р ¹¹	
Р— Р±РsРeCf РSPeCHsРe C,Р° CГjC±РsPiРeРrC-Р»CHsРSPsC— CГРeCГC,РμРjРe		РkРμC,CHsРeРjР°РSPSCЦ CГjCГC-, Р°C,CHsРeРjРeР° CГjCГC-, CfC,CHsРrРSPμPSCЦ CГjC±РsPiРePiCfCГРeР°РSPSCЦ ¹¹		
Р°РiC-C,РSC-CГC,CH, PiC-CГР»CЦCHsРrРsPiРeРμ C,Р° РiРμCГjРeРSP°C,Р°Р»CHsРSPeРμ РiРμCГC-РsPr				
				РyРeРSPrCГsРj PiC-PrРjC-РSPe CГ РSPsPiРsРSP°CHsРrРμРμ- РSPeC... (PrРePi. CHsР-PrC-Р» B»Р—Р°CГC,РsCГCfPiР°РSPSCЦ CГ РiРμCГC-РsPr PiР°PiC-C,РSPsCГC,C- Р°Р±Рs PiРsPrCГiР°РSPSCЦ PiCГCfPrCГB»)
Р— Р±РsРeCf CHsРμPiCHsРsPrCГРeC,РePiРSPsC— CГРeCГC,РμРjРe C,Р° РjРsР»РsC±РSPeC... Р°Р»РsР-				

	P·C ₇ P ₁ PeC, P ₆ P·C ₇ H ₂ PSP° PrP ₆ C ₇ C, C ₇ PSP ₆ C ₇ C-C ₇ Cf C ₇ PsP»P ₆ PIC-PeC-PI, P·PSP ₆ P ₁ P ₁ PSPSC ₇ P»C-P±C-PrPs C ₇ P ₁ C-SPSPe C, P° C ₇ PsP»P ₆ PIC-PeC-PI	P ₇ P ₁ P ₁ PSP ₆ C ₇ P ₁ C ₇ ; P·P±C-P»C ₇ H ₂ PeP ₁ PSPSC ₇ P ₁ C ₇ C ₇ PrP ₁ P ₆ ; P ₁ P°P»P°PeC, P ₆ C ₇ P ₁ C ₇ Cf P ₁ C-SPSPe; B P ₁ C-SP ₁ PeP ₁ P ₁ P°C ₇ C, C-C ₇ / P·P±C-P»C ₇ H ₂ PeP ₁ PSPSC ₇ P ₁ C ₇ C ₇ PrP ₁ P ₆ Cf C ₇ PsP»P ₆ PIC-PeC-PI	P ₁ C ₇ C-P°P ₁ C-P·P ₁ ¹²	
P·P°P ₁ P°P»C ₇ H ₂ PSC- C ₇ PsP-P»P°PrP ₆ C, P° PsC ₇ PsP±P»P ₆ P ₁ PsC ₇ C, C- P·P°C ₇ C, PsC ₇ C ₇ PrP°PSPSC ₇				
	P ₇ C ₇ C, P ₁ PSC-C ₇ ; P ₁ C-PrP ₁ P ₆ C»P ₁ PSP° P ₁ C, PsP ₁ P»C ₇ P ₁ P°PSC-C ₇ C, C ₇ H, PSP°P±C ₇ C ₇ PeP ₆ , P ₁ C-C ₇ P ₁ PeC ₇ C-C ₇ ¹⁰			
P°C-P°P ₁ SPSP ₆ C ₇ C, P ₆ C±PSC- PrPSC ₇ P»C-PrP ₁ P ₁ PSPSC ₇	PuC-PrP ₁ P ₆ C»P ₁ PSPSC ₇ C ₇ C-PIPSC ₇ P»C ₇ P ₁ SPSPC- C, PsC ₇ C, P°C, P°P·P ₆ ¹⁰ , PeC ₇ P ₁ P°C, P ₆ PSC, PsC ₇ C, PsPeC-SPSP·P·P ₆ ¹ , P ₁ P°P ₁ P ₁ P°- P ₁ P»C ₇ C, P°P ₁ C-P»C, C ₇ H ₂ P°PSC ₇ C, P ₁ C ₇ P°P·P ₆ ¹⁰ , C ₇ P ₁ C ₇ PsP ₁ SPC- PeP ₆ C ₇ P»PsC, P ₆ ¹⁰	PuC-PrP ₁ P ₆ C»P ₁ PSPSC ₇ P·P°P ₁ P°P»C ₇ H ₂ PsP ₁ Ps P±C-P»C-C ₇ C ₇ P±C-PSC ₇		

¹ P₇P»C-PSC-C₇SPSPs P·PSP°C₇C₇C»P₁ P·P±C-P»C₇H₂PeP₁PSPSC₇ P₁P°C₇P₆ C, C-P»P°
C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ P₁ C₇C₇C-C... PeP°C, P₁P₁PsC₇C-PN₆ P₁P°C₇C-C°PSC, C-PI P·P°
P₁P₁P₁ (C-PSPrP₁PeC₇ P₁P°C₇P₆ C, C-P»P°). P₁C-C₇P»C₇ PePsC₇PsC, PePsC₇P°C₇PSPSP₁Ps
P»C-PeC₇P₁P°PSPSC₇ (C₇P₁C₇P₁PrPSC₇ C, C₇P₆P₁P°P»C-C₇C, C₇H C₇C, P°PSPSP₁P₁P»P° 47
PrPSC-PI) P·P±C-P»C₇H₂PeP₁PSPSC₇ P₁P°C₇P₆ C, C-P»P° PSP° ≥ 7 %
C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ PrC₇P₁P₁ C₇P°C₇C, Ps (22,2 % P₁P₆P₁P°PrPeC-PI), ≥ 15 %
C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ C₇P°C₇C, Ps (4,2 % P₁P₆P₁P°PrPeC-PI), ≥ 25 %
C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ PSP₁C₇P°C₇C, Ps (0,8 % P₁P₆P₁P°PrPeC-PI). P₁
P₁P°C₇C-C°PSC, C-PI, C₇PeC- PsC, C₇P₆P₁C₇P₁P°P»P₆ C, C₇P₆P₁P°P»C₇ C, P₁C₇P°P₁C-C₇
(P₁C₇P₆PSP°PN₆P₁PSC- P₁C₇PsC, C₇P₁PsP₁ B 48 C, P₆P₁PSC-PI), P·P±C-P»C₇H₂PeP₁PSPSC₇
P₁P°C₇P₆ C, C-P»P° PSP° ≥ 7 %, ≥ 15 %, ≥ 25 % C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ PrC₇P₁P₁
C₇P°C₇C, Ps (C₇ 64,4 %, 31,7 %, 12,3 % P₁P₆P₁P°PrPeC-PI P₁C-PrP₁PsP₁C-PrPSPs).

² P₇P₁C₇P₁PrPSC° P₁C-PrP₁P₆C»P₁PSPSC₇ C₇C-PIPSC₇ P»C-P₁C-PrC-PI PSP°C, C»P₁
(P·P°P₁P°P»C₇H₂PSP₆PN₆ C...PsP»P₁C₇C, P₁C₇PsP», P»P₁P₁© C- C, C₇P₆P₁P»C-C₇P₁C₇P₆PrP₆)
P±C₇P»P₆ P±C-P»C₇H₂Pe P·PSP°C₇PSC- C₇ P₁P°C₇C-C°PSC, C-PI, C₇ C₇PeP₆C... C₇P₁PsC₇P°C, PeC₇
PSP₁ C₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ P»C-P₁C-PrPSPsC- PrP₆·C₇P₁P₁C₇P»C₇C₇C-C-.

³ P₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ C₇ P₁P°C₇C-C°PSC, C-PI P· PSPsC₇P₁P°P»C₇H₂PSP₆P₁
P₁PsC₇P°C, PePsP₁P₆P₁ C₇C-PIPSP₁P₁ PSP°C, C»P₁ (< 5,17 P₁P₁PsP»C₇H/P»), C₇PeP₆PN₆
P₁C-PrP₁P₆C»C₇P₁P°P₁C₇C₇ PrPs P₁P₆C₇PsPePsP₁Ps (≥ 6,2 P₁P₁PsP»C₇H/P»). P°C₇P₁P₁
C₇P°C₇C, Ps P₁PsP₁C-PrPsP₁P»C₇C₇P»PsC₇C₇ P₁C₇Ps C₇C-P·PeP₁ P₁C-PrP₁P₆C»P₁PSPSC₇
C₇C-PIPSC₇ P·P°P₁P°P»C₇H₂PsP₁Ps C...PsP»P₁C₇C, P₁C₇PsP»C₇ PSP°C, C»P₁ P·
P₁PsC₇P°C, PePsP₁PsP₁Ps C₇C-PIPSC₇ (≥ 5,17 P₁ < 6,2 P₁P₁PsP»C₇H/P») PrPs P₁P₆C₇PsPePsP₁Ps
C₇C-PIPSC₇ (≥ 6,2 P₁P₁PsP»C₇H/P»).

⁴ P₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ C₇ P₁P°C₇C-C°PSC, C-PI P· PSPsC₇P₁P°P»C₇H₂PSP₆P₁
P₁PsC₇P°C, PePsP₁P₆P₁ C₇C-PIPSP₁P₁ PSP°C, C»P₁ (< 5,56 P₁P₁PsP»C₇H/P»), C₇PeP₆PN₆
P₁C-PrP₁P₆C»C₇P₁P°P₁C₇C₇ PrPs P₁P₆C₇PsPePsP₁Ps (≥ 7 P₁P₁PsP»C₇H/P»). P°C₇P₁P₁
C₇P°C₇C, Ps P₁PsP₁C-PrPsP₁P»C₇C₇P»PsC₇C₇ P₁C₇Ps C₇C-P·PeP₁ P₁C-PrP₁P₆C»P₁PSPSC₇ C₇C-PIPSC₇
P₁P»C₇PePsP·P₆ PSP°C, C»P₁ P· P₁PsC₇P°C, PePsP₁PsP₁Ps C₇C-PIPSC₇ (≥ 5,56 P₁ < 7
P₁P₁PsP»C₇H/P») PrPs P₁P₆C₇PsPePsP₁Ps C₇C-PIPSC₇ (≥ 7 P₁P₁PsP»C₇H/P»).

⁵ P₇P₁PsC₇C, P₁C₇C-P₁P°P»PsC₇C₇ C₇ P₁P°C₇C-C°PSC, C-PI P· PSPsC₇P₁P°P»C₇H₂PSP₆P₁
P₁PsC₇P°C, PePsP₁P₆P₁ C₇C-PIPSP₁P₁ PSP°C, C»P₁ (< 1,69 P₁P₁PsP»C₇H/P»), C₇PeP₆PN₆
P₁C-PrP₁P₆C»C₇P₁P°P₁C₇C₇ PrPs P₁P₆C₇PsPePsP₁Ps (≥ 2,26 P₁P₁PsP»C₇H/P»). P°C₇P₁P₁
C₇P°C₇C, Ps P₁PsP₁C-PrPsP₁P»C₇C₇P»PsC₇C₇ P₁C₇Ps C₇C-P·PeP₁ P₁C-PrP₁P₆C»P₁PSPSC₇
C₇C-PIPSC₇ C, C₇P₆P₁P»C-C₇P₁C₇P₆PrC-PI PSP°C, C»P₁ P· P₁PsC₇P°C, PePsP₁PsP₁Ps
C₇C-PIPSC₇ (≥ 1,69 P₁ < 2,26 P₁P₁PsP»C₇H/P») PrPs P₁P₆C₇PsPePsP₁Ps C₇C-PIPSC₇ (≥ 2,26
P₁P₁PsP»C₇H/P»).

⁶ P₁C-Pr C₇P°C₇ PeP»C-PSC-C₇SPSPe... PrPsC₇P»C-PrP₁P₁PSCH C₇P°C₇C, PsC, P°

PIPëPSPëPePSPµPSPSCİİ PİP°CĤPeC-PSCİPSPSC-P·PjCř C- PrPëCİC,PsPSC-C— Cř
PİP°C†C-C"PS C,PI, CİPeC- PsC,CĤPëPjCřPIP°P»Pë P»C-PeCřPIP°PSPSCİİ
PsP»P°PSP·P°PİC-PSPsPj, P±CřP»P° PIPëC%P°, PSC-P¶ Cř C...PsPrC- PrPsCİP»C-PrP¶PµPSCH
PİP»P°C†PµP±Ps, P°P»Pµ PeP»C-PSC-C†PSPs PSPµP·PSP°C†PSPs. PŞP°CİC,PsC,P°
PIPëPSPëPePSPµPSPSCİİ PİP°CĤPeC-PSCİPSPSC-P·PjCř, P°PeP°C,PëP·C-C— C-
PrPëCİC,PsPSC-C— Cř PİP°C†C-C"PS C,PI, CİPeC- PsC,CĤPëPjCřPIP°P»Pë
P»C-PeCřPIP°PSPSCİİ PsP»P°PSP·P°PİC-PSPsPj, P±CřP»P° PSPëP¶C†P°, PSC-P¶ PİCĤPë
P·P°CİC,PsCİCřPIP°PSPSC- C,PëC,CĤPsPIP°PSPëC... PrPsP· PİP°P»PsPİPµCĤPëPrPsP»Cř.
PŞPµCĤPµP· PIC-PrCİCřC,PSC-CİC,CH C-PSC,,PsCĤPjP°C†C-C— PİCĤPs PSP°CİPIPSC-CİC,CH
PI P°PSP°PjPSPµP·C- PİPsCİC,CĤPëC... P°P±Ps PİC-P·PSC-C...
PµPeCİC,CĤP°PİC-CĤP°PjC-PrP°P»CHPSPëC... CĤCřC...PsPIPëC... PİPsCĤCřCëPµPSCH PSPµ
PjPsP¶PSP° PICİC,P°PSPsPIPëC,Pë, C%Ps PsP»P°PSP·P°PİC-PS PjPµPSCëPµ
CİPİCĤPëC†PëPSCİC" PİC-P·PSCĤ PrPëCİPeC-PSPµP·C-CĤ C,P°/P°P±Ps C-PSCëC- PİC-P·PSC-
PµPeCİC,CĤP°PİC-CĤP°PjC-PrP°P»CHPSC- CİPëPSPřCĤPsPjPë.

⁷ Pj CĤP°P·C- CĤC-P·PePsPiPs PİCĤPëPİPëPSPµPSPSCİİ C,PµCĤP°PİC-C—
PsP»P°PSP·P°PİC-PSPsPj PİPsPIC-PrPsPjP»CİP»PsCİCİ PİCĤPs PİPsCİC,CĤC- CİPëPjPİC,PsPjPë:
PİC-PrPIPëC%PµPSPµ PİPsC,PsPIPëPrC-P»PµPSPSCİİ, P±PµP·CİPSPSPSCİİ, C,CĤPµPjPsCĤ,
P°P¶PëC,P°C†C-CĤ, PSCřPrPsC,Cř C- P±P»CĤPIP°PSPSCİİ.

⁸ Pj C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSCH (PrPs 12 C,PëP¶PSC-PI)
PIPëP·PSP°C†PµPSPs, C%Ps PePsPSC†PµPSC,CĤP°C†C-Cİ PİCĤPsP»P°PeC,PëPSCř Cř
PİP»P°P·PjC- PeCĤPsPIC- PİPµCĤPµPIPëC%CřPIP°P»P° PIPµCĤC...PSCĤ PjPµP¶Cř PSPsCĤPjPë
Cř 30 % PİP°C†C-C"PS C,PI, CİPeC- P·P°CİC,PsCİPSPICřPIP°P»Pë PsP»P°PSP·P°PİC-PS. Pj
P±C-P»CHCëPsCİC,C- PİP°C†C-C"PS C,PI C,P°PePµ PİC-PrPIPëC%PµPSPSCİİ P±CřP»Ps
PİPsPjC-CĤPSPëPj C- P·P°P»PëCëP°P»PsCİCİ Pİ PjPµP¶P°C... P·PSP°C†PµPSCH, Cř PrPIP°
CĤP°P·Pë PSPëP¶C†PëC... PIC-Pr PIPµCĤC...PSCHPsC— PjPµP¶C- PSPsCĤPjPë.

⁹ PµPsP±C-C†PSC- CĤPµP°PeC†C-C—, C%Ps P±CřP»Pë PIPëCİPIP»PµPSC- Cř
PeP»C-PSC-C†PSPëC... PrPsCİP»C-PrP¶PµPSPSCİC..., P·PİC-PrPSPs P·
C-PSC,PµPİCĤPsPIP°PSPsCĤ P±P°P·PsCĤ PrP°PSPëC... C%PsPrPs PsP»P°PSP·P°PİC-PSCř.

¹⁰ PhC†C-PSPeP° PIPëP·PSP°C†PµPSPëC... Cř PeP»C-PSC-C†PSPëC...
PrPsCİP»C-PrP¶PµPSPSCİC... P·PSP°C†PµPSCH P·PİC-PrPSPs P· C-PSC,PµPİCĤPsPIP°PSPsCĤ
P±P°P·PsCĤ PrP°PSPëC... C%PsPrPs PsP»P°PSP·P°PİC-PSCř.

¹¹ PŞP°CİC,PsC,P° PİPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë, PİCĤPs CİPeC-
PİPsPIC-PrPsPjP»CİP»PsCİCİ Cř CİPİPsPSC,P°PSPSPëC...
PİPsCİC,PjP°CĤPePµC,PëPSPİPsPIPëC... P·PIC-C,P°C..., PICİC,P°PSPsPIP»PµPSP° PSP°
PsCİPSPsPIC- C-PSC,PµPİCĤPsPIP°PSPsC— P±P°P·Pë PrP°PSPëC... C%PsPrPs
PsP»P°PSP·P°PİC-PSCř.

¹² PŞP°CİC,PsC,P° PİPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë, PİCĤPs CİPeC-
PİPsPIC-PrPsPjP»CİP»PsCİCİ Cř CİPİPsPSC,P°PSPSPëC...
PİPsCİC,PjP°CĤPePµC,PëPSPİPsPIPëC... P·PIC-C,P°C..., PsC†C-PSPµPSP° P·
PIPëPePsCĤPëCİC,P°PSPSCİPj PrPsPIC-CĤC†PsPiPs C-PSC,PµCĤPIP°P»Cř Pİ PIPµCĤC...PSC-PNë
PjPµP¶C- PSPsCĤPjPë (95 %) PSP° PsCİPSPsPIC- C-PSC,PµPİCĤPsPIP°PSPsC— P±P°P·Pë
PrP°PSPëC... C%PsPrPs PsP»P°PSP·P°PİC-PSCř.

P'PİP»PëPI PİCĤPë PrPsPIPiPsC,CĤPëPIP°P»PsPjCř P·P°CİC,PsCİCřPIP°PSPSC- (PSPµ

PjPμPSC€Pμ 48 C, PēP¶PSC-PI). P'C-PrCfPsc, PsPe PīP°C†C-C"PSC, C-PI, Cr C¶PePēC...
PIC-PrP·PSP°C†P°P»PēCfC¶ PīPsP±C-C†PSC- C¶PμP°PeC†C-C— Cr PIPēPiP»C¶PrC-
PeP»C-PSC-C†PSPs C†CrC, C,C"PIPsPiPs PīC-PrPIPēC%PμPSPSC¶ PjP°CfPē C, C-P»P°,
P·PjC-PSPē C¶C-PIPSC¶ PīP»C¶PePsP·Pē, P·P°PiP°P»CHPSPsPiPs
C...PsP»PμCfC, PμC¶PēPSCr/P>PμP¢P/P>PμP'P© P°P±Ps C, C¶PēPiP»C-C†PμC¶PēPrC-PI,
PīPsCfC, C-PNēPSPs P·P±C-P»CHC€CrPIP°PICfC¶. PJ PrPsC¶PsCfP»PēC...
PīP°C†C-C"PSC, C-PI, C¶PeC- P·P°PeC-PSC†PēP»Pē 9B¶"12 PjC-CfC¶C†PSPēPNē
PeCrC¶Cf C, PμC¶P°PiC-C—, C, PμPjPī PīC-PrPIPēC%PμPSPSC¶ C¶C-PIPSC¶
PīP»C¶PePsP·Pē PI PeC¶PsPIC- PSP°C, C%Pμ CrPīPsPIC-P»CHPSPēPICfC¶
PīC¶PēP±P»PēP·PSPs PīC-CfP»C¶ 6 PjC-CfC¶C†C-PI P»C-PeCrPIP°PSPSC¶.

PμPsP±C-C†PSC- C¶PμP°PeC†C-C— PI PsPeC¶PμPjPēC... PīPsPīCrP»C¶C†C-C¶C.... PJ
C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsCfP»C-PrP¶PμPSCH Cr PīP°C†C-C"PSC, C-PI
P»C-C, PSCHPsPiPs PIC-PeCr C-P· PrPμPjPμPSC†C-C"C¶ C, PμC¶P°PiC-C¶
PsP»P°PSP·P°PiC-PSPsPj P±CrP»P° PīPsPIB¶™ C¶P·P°PSP° P· PīC-PrPIPēC%PμPSPēPj
C¶C-PIPSμPj P»PμC, P°P»CHPSPēC... PIPēPīP°PrPeC-PI C, P°
C†PμC¶PμP±C¶PsPIP°CfPeCrP»C¶C¶PSPēPjPē PīPsP±C-C†PSPēPjPē
C¶PμP°PeC†C-C¶PjPē PīPsC¶C-PIPSC¶PSPs P· PīC¶CrPīPsC¶ PīP»P°C†PμP±Ps.
P"CfP¶Pμ PīPsC€PēC¶PμPSPēPjPē PSPμP±P°P¶P°PSPēPjPē PμC, PμPeC, P°PjPē,
PīPsPIB¶™ C¶P·P°PSPēPjPē C-P· P·P°CfC, PsCfCrPIP°PSPSC¶Pj PsP»P°PSP·P°PiC-PSCr,
Cr PrP°PSPsC— PīC¶CrPīPē PīP°C†C-C"PSC, C-PI P±CrP»Pē PīPsC¶C€PμPSPSC¶
C...PsPrPē C, P° PīP°PrC-PSPSC¶. P§P°CfC, Ps C†PīPsCfC, PμC¶C-PiP°P»P°CfC¶
PīPSPμPIPjPsPSC-C¶, PīC-PrPIPēC%PμPSPSC¶ C, PμPjPīPμC¶P°C, CrC¶Pē C, C-P»P°,
P»PμC, P°C¶PiC-C¶, PμC¶PēC, PμPjP°, P·PsC¶PsPIC- PīP°P»C¶C†PēPSP°C†C-C— C, P°
PSPμC, C¶PēPjP°PSPSC¶ C†PμC±C-.

PJ C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsCfP»C-PrP¶PμPSCH C†PμC¶PμPr PīP°C†C-C"PSC, C-PI
P· PjPμPrPēPeP°PjPμPSC, PsP·PSPs C-PSPrCrPePsPIP°PSPēPj (P°PiPsPSC-CfC, PrPsPīP°PjC-PSCr)
PīCfPēC...PsP·PsPj, PīPsPIB¶™ C¶P·P°PSPēPj C-P· C...PIPSC¶PsP±PsC¶ PμP°C¶PeC-PSCfPsPSP°,
PīPsPiC-C¶C€PμPSPSC¶ PīP°C¶PeC-PSCfPsPSC-PICfCHPePsC— C†PēPjPiC, PsPjP°C, PēPePē
C, P° PīP°P»C¶C†PēPSP°C†C-C— PIC-PrP·PSP°C†P°P»PsCfC¶ PrCrP¶Pμ C†P°CfC, Ps,
C†P°CfC, C-C€Pμ, PSC-P¶ Cr PīC¶CrPiC- PīP»P°C†PμP±Ps.

PJ C...PsPrC- PsPrPSPsPiPs PeP»C-PSC-C†PSPsPiPs PrPsCfP»C-PrP¶PμPSPSC¶ Cr
PīP°C†C-C"PSC, C-PI C-P· P±C-PiPsP»C¶C¶PSPsC¶ PjP°PSC-C"C¶ PI C¶PμP·CrP»CHC, P°C, C-
P·P°CfC, PsCfCrPIP°PSPSC¶ PsP»P°PSP·P°PiC-PSCr Cr PePsPjP±C-PSP°C†C-C— P·
PIP°P»CHPīC¶PsP°C, PsPj C†PīPsCfC, PμC¶C-PiP°P»P°CfC¶ PSPμPNēC, C¶PsPīPμPSC-C¶ 4,1 %;
PīC¶PēC†PēPSPsC¶ PjPsP¶Pμ P±CrC, Pē PīC-PrPIPēC%PμPSPSC¶ C¶C-PIPSC¶
PIP°P»CHPīC¶PsP°C, Cr Cr PīP»P°P·PjC- PeC¶PsPIC-.

PJ C¶PμP·CrP»CHC, P°C, C- P·P°CfC, PsCfCrPIP°PSPSC¶ PsP»P°PSP·P°PiC-PSCr P· P»C-C, C-C"Pj
P°P±Ps PIP°P»CHPīC¶PsP°C, PsPj C†PīPsCfC, PμC¶C-PiP°P»PēCfC¶ (≥ 10 %) C, C¶PμPjPsC¶,
C†CrC...C-CfC, CH Cr C¶PsC, C-, P·P±C-P»CHC€PμPSPSC¶ PjP°CfPē C, C-P»P°,
PīC-PrPIPēC%PμPSPSC¶ P°PīPμC, PēC, Cr. PŷP°PePsP¶ PīPsPIC-PrPsPjP»C¶P»PsCfC¶ PīC¶Ps
PīPsC¶C€PμPSPSC¶ PjPsPIP»PμPSPSC¶. PμC-Pr C†P°Cf C, PμC¶P°PiC-C—
PsP»P°PSP·P°PiC-PSPsPj Cr PePsPjP±C-PSP°C†C-C— P· P»C-C, C-C"Pj P°P±Ps
PrPēPIP°P»PīC¶PsPμPeCfPsPj C†PīPsCfC, PμC¶C-PiP°P»PsCfC¶ P·P±C-P»CHC€PμPSPSC¶
PjP°CfPē C, C-P»P° ≥ 7 %B P†P¶PŷB (C-PSPrPμPeCfCr PjP°CfPē C, C-P»P°) Cr 17,4 %
PīP°C†C-C"PSC, C-PI PīC-Pr C†P°Cf C-PSC, PμPSCfPēPIPSPsC— C, PμC¶P°PiC-C— (PrPs 6

C, PëP¶PSC-PI). P"PsPIPiPsC, C¶PëPIP°P»Pµ P»C-PeCfPIP°PSPSC¶ PsP»P°PSP·P°PïC-PSPsPj (PrPs 12 C, PëP¶PSC-PI) PrP»C¶ PiPsPiPµC¶PµPrP¶PµPSPSC¶ C¶PµC†PëPrPëPIC-PI Cr PïP°C†C-C"PSC, C-PI C-P· P±C-PiPsP»C¶C¶PSPëPjPë C¶PsP·P»P°PrP°PjPë P±CfP»Ps PïPsPiB¶™ C¶P·P°PSPs P· PïC-PrPIPëC%PµPSPSC¶Pj PjP°CfPë C, C-P»P° ≥ 7 % P†P¶P¶ Cr 39,9 % PïP°C†C-C"PSC, C-PI.

P"C-C, Pë.

P¶P»P°PSP·P°PïC-PS PSPµ PiPsPeP°P·P°PSPëPµ PrP»C¶ P»C-PeCfPIP°PSPSC¶ PrC-C, PµPµ C, P° PïC-PrP»C-C, PeC-PI. P¶P»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSPSCH, C¶PeC-PiPsC¶C-PIPSC¶PIP°P»Pë P·P°CfC, PsCfCfPIP°PSPSC¶ PsP»P°PSP·P°PïC-PSCf Cr PïC-PrP»C-C, PeC-PI C, P° PrPsC¶PsCfP»PëC..., PSPµ PïC¶PsPIPsPrPëP»Pë.

P¶PëP¶C†Pµ PiPsPrP°PSPs PiPsP±C-C†PSC- C¶PµP°PeC†C-C—, C%Ps P·CfCfC, C¶C-C†P°P»PëCfCH C†P°CfC, C-C¶Pµ Cr PïC-PrP»C-C, PeC-PI (PIC-PePsPj PIC-Pr 13B¶"17 C¶PsPeC-PI), PSC-P¶ Cr PrPsC¶PsCfP»PëC..., C, P° PiPsP±C-C†PSC- C¶PµP°PeC†C-C—, C%Ps P±CfP»Pë PIPëC¶IP»PµPSC- C, C-P»CHPePë PïC-Pr C†P°Cf PePsC¶PsC, PePsC, C¶PëPIP°P»PëC... PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSC Cr PïC-PrP»C-C, PeC-PI. P¶P»C-PSC-C†PSPs P·PSP°C†CfC%Pµ P·P±C-P»CHC¶PµPSPSC¶ PjP°CfPë C, C-P»P° (≥ 7 %) C†P°CfC, C-C¶Pµ CfPïPsCfC, PµC¶C-PiP°P»PsCfCH Cr PïC-PrP»C-C, PeC-PI PïPsC¶C-PIPSC¶PSPs P· PrPsC¶PsCfP»PëPjPë. PµC-Pr C†P°Cf PrPsPIPiPsC, C¶PëPIP°P»PsPiPs P»C-PeCfPIP°PSPSC¶ (PSPµ PjPµPSC¶Pµ 24 C, PëP¶PSC-PI) PeP»C-PSC-C†PSPs P·PSP°C†CfC%Pµ P·P±C-P»CHC¶PµPSPSC¶ PjP°CfPë C, C-P»P° P±CfP»Ps PIPëC%PëPj, PSC-P¶ PïC-Pr C†P°Cf PePsC¶PsC, PePsC, C¶PëPIP°P»PsPiPs P»C-PeCfPIP°PSPSC¶.

P¶P°CfC, PsC, CrB PiPsP±C-C†PSPëC...B C¶PµP°PeC†C-Pµ, B P·P°P·PSP°C†PµPSPëC... PSPëP¶C†Pµ, PIPëP·PSP°C†P°CHC, CH C, P°PePëPj C†PëPSPsPj: PrCfP¶Pµ C†P°CfC, Ps (≥ 1/10), C†P°CfC, Ps (≥ 1/100 B¶" < 1/10).

P— P±PsPeCf PsP±PjC-PSCf C¶PµC†PsPIPëPS.

P"CfP¶Pµ C†P°CfC, Ps: P·P±C-P»CHC¶PµPSPSC¶ PjP°CfPë C, C-P»P°¹³, PïC-PrPIPëC%PµPSPSC¶ C¶C-PIPSC¶ C, C¶PëPiP»C-C†PµC¶PëPrC-PI¹⁴, PïC-PrPIPëC%PµPSPSC¶ P°PiPµC, PëC, Cr.

P¶P°CfC, Ps: PïC-PrPIPëC%PµPSPSC¶ C¶C-PIPSC¶ C...PsP»PµCfC, PµC¶PëPSC¹⁵.

P— P±PsPeCf PSPµC¶PIPsPIPsC— CfPëCfC, PµPjPë.

P"CfP¶Pµ C†P°CfC, Ps: CfPµPrP°C†C-C¶ (Cr C, PsPjCr C†PëCfP»C- PïC-PiPµC¶CfPsPjPSC-C¶, PjP»C¶PIC-CfC, CH, CfPsPSP»PëPIC-CfC, CH).

P— P±PsPeCf C¶P»CfPSPePsPIPs-PePëC¶PePsPIPsPiPs C, C¶P°PeC, Cr.

P¶P°CfC, Ps: CfCfC...C-CfC, CH Cr C¶PsC, C-.

P— P±PsPeCf PiPµPiP°C, PsP±C-P»C-P°C¶PSPsC— CfPëCfC, PµPjPë.

P"CfP¶Pµ C†P°CfC, Ps: PïC-PrPIPëC%PµPSPSC¶ C¶C-PIPSC¶ PiPµC†C-PSPePsPIPëC... C, C¶P°PSCfP°PjC-PSP°P· (P¶P»P¶P¶ C, P° P¶CfP¶P¶).

P"PsCfP»C-PrP¶PµPSPSC¶.

P"CfP¶Pµ C†P°CfC, Ps: P·PSPëP¶PµPSPSC¶ C¶C-PIPSC¶ P·P°PiP°P»CHPSPsPiPs

$P-P_{\pm}P_S P_{\epsilon} C \acute{e} C \epsilon P_{\epsilon} C-C \overline{H} P \ddot{e} C, P^{\circ} C-C-P \ddot{i} P_S C \dots C-P \overline{r} P S P \ddot{e} C \dots: C \overline{H} C-P \overline{r} P_{\epsilon} P_S$ ($< 0,1\% C- > 0,01\%$)

вҒ“ PIPёCГPёPіP°PSPSCЦ.

$P - P \pm PsPeC \acute{C} C - PjC \acute{C} PSPSPsC - CГPёCГC, P\mu PjPё: P^\circ P \gg P\mu CГPiC - C \ddagger PSC - CГP\mu P^\circ PeC \ddagger C - C -$,
PIPeP»CГC‡P°CГC‡Pё: PrCГP¶Pµ CГC-PrPePs (< 0,01 %) вҒ“ P°PSP°C,,C-P»P°PeC,PёC‡PSC-
CГPµP°PeC‡C-C—, P°PSPiC-PsPSPµPICГГPsC,PёC‡PSPёPNё PSP°P±CГCЦPe (< 0,01 %),
PeCГPsPіPёPIвҒ™ CЦPSPeCГ P°P±Ps CГPIPµCГP±C-P¶.

$P \ddagger PSC \epsilon C - PsCГPSPsPIPSC - PSP\mu P \pm P^\circ P \parallel P^\circ PSC - CЦPIPёC \% P^\circ, C \dots P^\circ CГP^\circ PeC, P\mu CГPSC - PrP \gg CЦ$
 $PіP^\circ C \ddagger C - C''PSC, C - PI P \cdot P \pm C - PіPsP \gg CЦCГPSPsCГ PjP^\circ PSC - C''CГ, CЦPeC - PsC, CГPёPjC \acute{C} CГC, CГ$
 $PsP \gg P^\circ PSP \cdot P^\circ PіC - PS C \acute{C} PePsPjP \pm C - PSP^\circ C \ddagger C - C - P \cdot P \gg C - C, C - C''Pj C \ddagger Pё PIP^\circ P \gg CГPіCГPsP^\circ C, PsPj.$

P"CrP¶Pµ C‡P°CГC,Ps PіPsPIC-PrPsPjP»CЦP»PsCГCЦ PіCГPs C,CГPµPjPsCГ (> 10 %). PұCГPs
PіPsCГCГC¶PµPSPSCЦ PjPsPIP»PµPSPSCЦ PіPsPIC-PrPsPjP»CЦP»PsCГCЦ C‡P°CГC,Ps (> 1 %
C,P° <10 %).

$P \ddagger PSC \epsilon C - PsCГPSPsPIPSC - PSP\mu P \pm P^\circ P \parallel P^\circ PSC - CЦPIPёC \% P^\circ, C \dots P^\circ CГP^\circ PeC, P\mu CГPSC - PrP \gg CЦ$
 $PіP^\circ C \ddagger C - C''PSC, C - PI P \cdot C - PSPrC \acute{C} PePsPIP^\circ PSPёPj P \gg C - PeP^\circ CГCГCГPePёPj P \cdot P^\circ CГPsP \pm PsPj$
 $(P^\circ PіPsPSC - CГC, PsPj PrPsPіP^\circ PjC - PSC \acute{C}) PіCГPёC \dots PsP \cdot PsPj, PіPsPIвҒ™ CЦP \cdot P^\circ PSPёPj P \cdot$
 $C \dots PIPsCГPsP \pm PsCГ P\mu P^\circ CГPeC - PSCГPsPSP^\circ.$

P"CrP¶Pµ C‡P°CГC,Ps PіPsPIC-PrPsPjP»CЦP»PsCГCЦ PіCГPs PіP°P»CГC‡PёPSP°C‡C-C— (> 10
%).

$P \ddagger PSC \epsilon C - PsCГPSPsPIPSC - PSP\mu P \pm P^\circ P \parallel P^\circ PSC - CЦPIPёC \% P^\circ, C \dots P^\circ CГP^\circ PeC, P\mu CГPSC - PrP \gg CЦ$
 $PіP^\circ C \ddagger C - C''PSC, C - PI P \gg C - C, PSCHPsPіPs PIC - PeC \acute{C} P \cdot PіCГPёC \dots PsP \cdot PsPj PSP^\circ C, P \gg C -$
 $PrP\mu PjP\mu PSC \ddagger C - C -$.

P"CrP¶Pµ C‡P°CГC,Ps PіPsPIC-PrPsPjP»CЦP»PsCГCЦ PіCГPs PіPsCГCГC¶PµPSPSCЦ C...PsPrPё
(> 10 %).

$P\ddot{y}P\mu CГPjC - PS PіCГPёPrP^\circ C, PSPsCГC, C - .$ 3 CГPsPePё.

PJPjPsPIPё P·P±PµCГC-PiP°PSPSCЦ. P—P±PµCГC-PiP°C,Pё PіCГPё
C,PµPjPіPµCГP°C,CГCГC- PSPµ PIPёC%Pµ 25 B°PŸ, PI PsCГPёPіC-PSP°P»CГPSC-PNё
CГPіP°PePsPIC‡C-.

P—P±PµCГC-PiP°C,PёB CГ PSPµPrPsCГC,CГPіPSPsPjCГ PrP»CЦ PrC-C,PµPNё PjC-CГC‡C-.

PJPіP°PePsPIPeP°. PµPs 30 C,P°P±P»PµC,PsPe CГ P±P»C-CГC,PµCГC-; PіPs 1
P±P»C-CГC,PµCГCГ CГ PeP°CГC,PsPSPSC-PNё PePsCГPsP±C‡C-.

B B B B B B B PљP°C,PµPiPsCГC-CЦ PIC-PrPіCГCГPeCГ. P—P° CГPµC‡PµPіC,PsPj.

B B B B B B B

B B B B B B B B P'PëC᳚PsP±PSPëPe.

B B B B B B B B P᳚P᳚ B«P᳚PrP°PjP᳚Pr P᳚P°C᳚PjP°B», P᳚PsP»CHC%oP°.

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

**P᳚C-C᳚C†P᳚P·PSP°C...PsPrP᳚P᳚PSPSC᳚ PIPëC᳚PsP±PSPëPeP° C,P° PN᳚PsPiPs
P°PrC᳚P᳚C᳚P° PjC-C᳚C†C᳚ P᳚C᳚PsPIP°PrP᳚P᳚PSPSC᳚ PrC-C᳚P»CH᳚PSPsC᳚C,C-.**

B B B B B B B B P'C᳚P». P᳚P°C᳚C€. P''P᳚. P᳚C-P»C᳚C᳚PrC᳚CH᳚PePsPiPs 5, 95-200,
P᳚P°P±'C᳚PSC-C†P᳚, P᳚PsP»CHC%oP°.