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**PrP»CŮ PjPµPrPëC±PSPsPiPs P·P°CŮC,PsCŮCŮPIP°PSPSCŮ P»C-PëP°CŮCŮCŮPëPsPiPs
P·P°CŮPsP±CŮ**

PxC-P»CΓC,PëPjB®

(FilstimumB®)

$CP \epsilon P \gg P^0 P \Gamma$:

PrC-CHC#P° CH₂PμC#PsPIPëPSP°: filgrastim;

1 PjP» C₇PsP·C₄P₆PSCr PjC-Cl₂C, P₆C, CH₃ 0,3 PjPi (30 PjP»PS P₆Ph)
C₇, C-P»PiC₇P°Cl₂C, P₆PjCr PiC₇P°PSCrP»PsC₄P₆C, Cr
PePsP»PsPSC-C^oCl₂C, P₆PjCrP»C₇C₇C₄PsPiPs C₇, P°PeC, PsC₇P° (P^o-P₆P₆);

1,6 PjP» C₇H₅PsP·C≡PēPSCr PjC-ClC, PēC, CH 0,48 PjPi (48 PjP»PS P₇H₇)
C₇, C-P»PiC₇H₅P°ClC, PēPjCr PiC₇H₅P°PSCrP»PsC≡PēC, Cr
PePsP»PsPSC-C"ClC, PēPjCrP»C₇H₅C₇H₅C≡PsPiPs C₇, P°PeC, PsC₇H₅P° (P"-P₇H₇P₇);

PrPsPiPsPjC-P¶PSC- CḤPμC‡PsPIPëPSPë: PSP°C, CḤC-CḤ P°C†PμC, P°C,, C, CḤPëPiC-PrCḤP°C,, PiPsP»C-Cl΄PsCḤP±P°C, 80; Cl΄PsCḤP±C-C, (P• 420); PIPsPrP° PrP»C¶ C-PSBḤ™C"PeC†C-PNø.

$$\text{P}^{\circ}\text{C}-\text{PeP}^{\circ}\text{C}\dot{\text{H}}\text{C}\dot{\text{H}}\text{C}\text{H}\text{PeP}^{\circ}\text{C} \text{ „PsC}\dot{\text{H}}\text{PjP}^{\circ}\text{C} \text{ P PsP}\cdot\text{C}\ddot{\text{H}}\text{P}\ddot{\text{S}} \text{ PrP}\gg\text{C}\dot{\text{H}}\text{C}-\text{PSB}\dot{\text{H}}^{\text{TM}}\text{C}^{\circ}\text{PeC}\dot{\text{H}}\text{C}-\text{PN}_{\circ}$$

$P\hbar C\acute{I}PSPsPIPSC-C,,C-P\ddot{e}PePs-C...C-PjC-C\#PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-:$
 $PiC\grave{H}PsP\cdot PsC\grave{H}P^{\circ} P^{\circ}P\pm Ps P\cdot P\gg P_{\mu}PiPeP^{\circ} PsPiP^{\circ}P\gg P_{\mu}C\acute{I}C\ddagger C\grave{H}C\grave{H}C\ddagger P^{\circ}, P\pm P_{\mu}P\cdot P\pm P^{\circ}C\grave{H}PIPSP^{\circ} P^{\circ}P\pm Ps$
 $P\cdot P\gg P_{\mu}PiPeP^{\circ} P\P PsPIC,C\acute{r}PIP^{\circ}C,PsPiPs PePsP\gg CHbPsC\grave{H}C\acute{r} B C\grave{H}C-PrP\ddot{e}PSP^{\circ}.$

P α P°C $\overline{\text{H}}$ PjP°PePsC,P μ C $\overline{\text{H}}$ P°PiP μ PIc,PëC $\ddagger$ PSP° PiC $\overline{\text{H}}$ CrPiP°.
 P $\dagger$ PjCrPSPsCfC,PëPjCrP»C|C,PsC $\overline{\text{H}}$ Pë. P $\overline{\text{L}}$ PsP»PsPSC-C”CfC,PëPjCrP»C $\overline{\text{H}}$ C $\overline{\text{H}}$ C $\ddagger$ C-
 C,,P°PeC,PsC $\overline{\text{H}}$ Pë. P α C-P»PiC $\overline{\text{H}}$ P°CfC,PëPj.

РљРѕРј РћРґРґРҒ L03A A02.

$$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsP\gg PsPiC-C\bar{H}PSC-PIP\gg P^{\circ}C\bar{I}C,P\ddot{e}PIPsC\bar{I}C,C-.$$
$$P\propto P^{\circ}C\hbar PjP^{\circ}P\epsilon P s P\tau P\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

$\text{P}\alpha\text{C}-\text{P}\gg\text{PiC}\overline{\text{C}}\text{P}^{\circ}\text{C}\overline{\text{C}}\text{C},\text{P}\ddot{\text{e}}\text{Pj}\text{C}''\text{PIP}\ddot{\text{e}}\text{C}\overline{\text{C}}\text{P}\text{sPePsPsC}\ddagger\text{P}\ddot{\text{e}}\text{C}\%_{\text{oo}}\text{P}_{\mu}\text{PSP}\ddot{\text{e}}\text{Pj}$
 $\text{PSP}_{\mu}\text{PiP}\gg\text{C}-\text{PePsP}\gg\text{C}-\text{P}\cdot\text{PsPIP}^{\circ}\text{PSP}\ddot{\text{e}}\text{Pj}\text{PiPsP}\gg\text{C}-\text{PiP}_{\mu}\text{PiC},\text{P}\ddot{\text{e}}\text{PrPsPj},\text{C}\%_{\text{oo}}\text{Ps}\text{PjC}-\text{C}\overline{\text{C}}\text{C},\text{P}\ddot{\text{e}}\text{C},\text{CH}$
 $\text{P}\cdot\text{P}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\text{€PeP}\ddot{\text{e}}\text{175}\text{P}^{\circ}\text{PjC}-\text{PSPsPeP}\ddot{\text{e}}\text{C}\overline{\text{C}}\text{P}\gg\text{PsC},.$

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PμC-Cl̇P»Cḡ PīC-PrC€PeC-CḡPSPsPiPs PIPiPμPrPμPSPSCḡ PīCḡPμPīP°CḡP°C,Cṙ Pī
CḡPμPePsPjPμPSPPrPsPIP°PSPëC... PrPsP·P°C... P№PsPiPs PePsPSC†PμPSC,CḡP°C†C-Cḡ Pī
Cl̇PëCḡPsPIP°C,C†C- PeCḡPsPIC- PīPμCḡPμPIPëC%CṙC” 10 PSPi/PjP» PīCḡPsC,CḡPīPsPj 8вḡ”16
PīPsPrPëPS; PsP±вḡ™ C”Pj CḡPsP·PīPsPrC-P»Cṙ Pī PeCḡPsPIC- Cl̇C,P°PSPsPIPëC,Cḣ
P±P»PëP·CḣPePs 150 PjP»/PePi. PŸPμCḡPμPrPSC” P·PSP°C†PμPSPSCḡ PīPμCḡC-PsPrCṙ
PSP°PīC-PIPIPëPIPμPrPμPSPSCḡ C,,C-P»PīCḡP°Cl̇C,PëPjCṙ C-P· Cl̇PëCḡPsPIP°C,PePë
PeCḡPsPIC- Cl̇C,P°PSPsPIPëC,Cḣ P±P»PëP·CḣPePs 3,5 PīPsPrPëPSPë, P°
C€PIPëPrPeC-Cl̇C,Cḣ PeP»C-CḡPμPSC†Cṙ вḡ” P±P»PëP·CḣPePs 0,6 PjP»/C...PI PSP° 1
PePi PjP°Cl̇Pë C,C-P»P°. P’PμP·PīPμCḡPμCḡPIPSP° C-PSC,,CṙP·C-Cḡ PīCḡPsC,CḡPīPsPj
28 PrPSC-PI C...PIPSCḡPëPj, CḡPeC- PsPrCṙP¶Cl̇CḡC,Cḣ PīC-Cl̇P»Cḡ
P°CṙC,PsP»PsPiC-C†PSPsC— PīPμCḡPμCl̇P°PrPePë PeC-Cl̇C,PePsPiPsPiPs PjPsP·PeCṙ,
PSPμ Cl̇CṙPīCḡPsPiPsPrP¶Cl̇PIP°P»P°Cl̇Cḡ PsP·PSP°PeP°PjPë PeCṙPjCṙP»CḡC†C-C— C-
P·P±C-P»CḣC€PμPSPSCḡ PīPμCḡC-PsPrCṙ PSP°PīC-PIPIPëPIPμPrPμPSPSCḡ
PīCḡPμPīP°CḡP°C,Cṙ.

РЉР»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPëCl̇C,PëPePë.

PμPsPeP°P·P°PSPSCḡ.

- P”P»Cḡ Cl̇PePsCḡPsC†PμPSPSCḡ C,CḡPëPIP°P»PsCl̇C,C- C- P·PSPëP¶PμPSPSCḡ
C†P°Cl̇C,PsC,Pë PIPëPSPëPePSPμPSPSCḡ PSPμP№C,CḡPsPīPμPSC-C—, Pī C,PsPjCṙ C†PëCl̇P»C-
C,P°PePsC—, C%Ps Cl̇CṙPīCḡPsPiPsPrP¶Cl̇C”C,CḣCl̇Cḡ C,,PμP±CḡPëP»CḣPSPsCḡ
CḡPμP°PeC†C-C”Cḡ Cṙ C...PIPSCḡPëC..., CḡPeC- PsPrPμCḡP¶Cl̇CḡC,Cḣ
C...C-PjC-PsC,PμCḡP°PīC-Cḡ C†PëC,PsC,PsPeCl̇PëC†PSPëPjPë P·P°Cl̇PsP±P°PjPë PīCḡPë
PSPμPjC-C”P»PsC—PrPSPëC... P·P»PsCḡPeC-Cl̇PSPëC... P·P°C...PIPSCḡCḡPIP°PSPSCḡC....
- P”P»Cḡ Cl̇PePsCḡPsC†PμPSPSCḡ C,CḡPëPIP°P»PsCl̇C,C- PSPμP№C,CḡPsPīPμPSC-C— C-
C—C— PeP»C-PSC-C†PSPëC... PSP°Cl̇P»C-PrPeC-PI Cṙ C...PIPSCḡPëC..., CḡPeC-
PsPrPμCḡP¶Cl̇PIP°P»Pë PjC-C”P»PsP°P±P»P°C,PëPIPSCṙ C,PμCḡP°PīC-Cḡ P·
PīPsPrP°P»CḣC€PsCḡ C,CḡP°PSC†PīP»P°PSC,P°C†C-C”Cḡ PeC-Cl̇C,PePsPiPsPiPs PjPsP·PeCṙ.
- P”P»Cḡ PjPsP±C-P»C-P·P°C†C-C— P°CṙC,PsP»PsPiC-C†PSPëC... PeP»C-C,PëPS-
PīPsPīPμCḡPμPrPSPëPeC-PI PīPμCḡPëC,,PμCḡPëC†PSPsC— PeCḡPsPIC- (РЉРμPμРЉ)
PīC-Cl̇P»Cḡ PjC-C”P»PsCl̇CṙPīCḡPμCl̇PëPIPSPsC— C,PμCḡP°PīC-C—, PrP»Cḡ
PīCḡPëCl̇PePsCḡPμPSPSCḡ PIC-PrPSPsPIP»PμPSPSCḡ PīPμPjPsPīPsPμP·Cṙ C€P»CḡC...PsPj
PIPIPμPrPμPSPSCḡ C†PëC... PeP»C-C,PëPS PīC-Cl̇P»Cḡ PjC-C”P»PsCl̇CṙPīCḡPμCl̇C-C— P°P±Ps
PjC-C”P»PsP°P±P»P°C†C-C—.
- PμCḡPë C,CḡPëPIP°P»C-P№ C,PμCḡP°PīC-C—, C%Ps Cl̇PīCḡCḡPjPsPIP°PSP° PSP°
P·P±C-P»CḣC€PμPSPSCḡ PeC-P»CḣPePsCl̇C,C- PSPμP№C,CḡPsC,,C-P»CḣPSPëC...
PīCḡP°PSCṙP»PsC†PëC,C-PI, PrP»Cḡ P·PSPëP¶PμPSPSCḡ C†P°Cl̇C,PsC,Pë C- PrP»Cḡ
Cl̇PePsCḡPsC†PμPSPSCḡ C,CḡPëPIP°P»PsCl̇C,C- C-PSC,,PμPeC†C-P№PSPëC...
CṙCl̇PeP»P°PrPSPμPSCḡ Cṙ PrC-C,PμP№ C- PrPsCḡPsCl̇P»PëC... P· C,CḡP¶PePsCḡ
PICḡPsPrP¶PμPSPsCḡ, PīPμCḡC-PsPrPëC†PSPsCḡ P°P±Ps P·P»PsCḡPeC-Cl̇PSPsCḡ
PSPμP№C,CḡPsPīPμPSC-C”Cḡ (P°P±Cl̇PsP»CḡC,PSP° PeC-P»CḣPeC-Cl̇C,Cḣ
PSPμP№C,CḡPsC,,C-P»CḣPSPëC... PīCḡP°PSCṙP»PsC†PëC,C-PI <500 Cṙ 1 PjPj³) C,P° P·
C,CḡP¶PePëPjPë P°P±Ps CḡPμC†PëPrPëPICṙCḡC†PëPjPë C-PSC,,PμPeC†C-CḡPjPë Pī

P°PSP°PjPSPμP·C-.

PμCḡPsC,PëPīPsPeP°P·P°PSPSCII. PμC-PrPIPëC%PμPSP° C‡CḡC,P»PëPIC-CḡC,CH
PrPs C,,C-P»PiCḡP°CḡC,PëPjCr, PePsP»PsPSC-CḡCḡC,PëPjCrP»CḡCḡC‡PëC...
C,,P°PeC,PsCḡC-PI, *Escherichia coli* P°P±Ps PrPs P±CḡPrCḡC-CḡPePsPiPs
PePsPjPīPsPSPμPSC,P° PīCḡPμPīP°CḡP°C,Cḡ.

PḡPμ CḡP»C-Pr PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë P· PjPμC,PsCḡ
PīC-PrPIPëC%PμPSPSCII PīPμCḡPμPSPsCḡPëPjPsCḡC,C- P·P±C-P»CHC€PμPSPëC...
PrPsP· C‡PëC,PsC,PsPeCḡPëC‡PSPëC... C...C-PjC-PsC,PμCḡP°PīPμPIC,PëC‡PSPëC...
PīCḡPμPīP°CḡP°C,C-PI.

PḡCḡP¶PeP° PICḡPsPrP¶PμPSP° PSPμPNεC,CHPsPīPμPSC-Cḡ (CḡPëPSPḡCḡPsPj
PḡPsCḡC,PjP°PSP°) P· C‡PëC,PsPiPμPSPμC,PëC‡PSPëPjPë PīPsCḡCḡC€PμPSPSCḡPjPë
C,P° P°CḡC,PsC-PjCḡPSPSP° PSPμPNεC,CHPsPīPμPSC-Cḡ.

PḡPμCḡPjC-PSP°P»CHPSP° CḡC,P°PrC-Cḡ C...CḡPsPSC-C‡PSPsC— PSPëCḡPePsPIPSC—
PSPμPrPsCḡC,P°C,PSPsCḡC,C- (PḡPḡPḡ).

PḡCḡPsPSC-C‡PSPëPNε PjC-CḡP»PsP»PμPNεPePsP· C,P°
PjC-CḡP»PsPrPëCḡPīP»P°CḡC,PëC‡PSPëPNε CḡPëPSPḡCḡPsPj.

P°P·P°CḡPjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHPePëPjPë
P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°CḡPjPsPrC-PNε. PḡPμ
PICḡC,P°PSPsPIP»PμPSP° P±PμP·PīPμPeP° C,P° PμC,,PμPeC,PëPIPSC-CḡC,CH
PIPIPμPrPμPSPSCII C,,C-P»PiCḡP°CḡC,PëPjCr PI PsPrPëPS PrPμPSCH P·
PjC-CḡP»PsCḡCḡPīCḡPμCḡPëPIPSPëPjPë C‡PëC,PsC,PsPeCḡPëC‡PSPëPjPë
C...C-PjC-PsPīCḡPμPīP°CḡP°C,P°PjPë. PḡPμCḡPμP· C‡CḡC,P»PëPIC-CḡC,CH
PjC-CḡP»PsC—PrPSPëC... PeP»C-C,PëPS, CḡPeC- C€PIPëPrPePs PrC-P»CḡC,CHCḡCḡCḡ,
PrPs PjC-CḡP»PsCḡCḡPīCḡPμCḡPëPIPSPsC— C‡PëC,PsC,PsPeCḡPëC‡PSPsC—
C...C-PjC-PsC,PμCḡP°PīC-C— B PīCḡPëP·PSP°C‡P°C,Pë C,,C-P»PiCḡP°CḡC,PëPj PI
C-PSC,PμCḡPIP°P»C- 24 PiPsPrPëPS PrPs C- PīC-CḡP»Cḡ PIPμPrPμPSPSCII C‡PëC...
PīCḡPμPīP°CḡP°C,C-PI PSPμ CḡPμPePsPjPμPSPḡCḡC,CHCḡCḡCḡ.

PḡPsP¶P»PëPIPμ PīPsCḡPëP»PμPSPSCII PSPμPNεC,CHPsPīPμPSC-C— PīCḡPë
PIP·P°CḡPjPsPrC-C— P· 5-C,,C,PsCḡCḡCḡP°C‡PëP»PsPj. PḡPsP¶P»PëPIP°
PIP·P°CḡPjPsPrC-Cḡ C,,C-P»PiCḡP°CḡC,PëPjCr P· C-PSC€PëPjPë
PiPμPjPsPīPsPμC,PëC‡PSPëPjPë C,,P°PeC,PsCḡP°PjPë CḡPsCḡC,Cḡ C,P°
C‡PëC,PsPeC-PSP°PjPë PSPμ PrPsCḡP»C-PrP¶CḡPIP°P»P°CḡCH.

P— PsPiP»CḡPrCḡ PSP° C,Pμ, C%Ps P»C-C,C-PNε CḡC,PëPjCrP»CḡCḡ
PIPëPIC-P»CHPSPμPSPSCII PSPμPNεC,CHPsC,,C-P»C-PI, PjPsP¶P»PëPIPμ
PīPsCḡPëP»PμPSPSCII PrC-C— PīCḡPμPīP°CḡP°C,Cḡ.

PμCḡPμPīP°CḡP°C, PSPμCḡCḡPjC-CḡPSPëPNε P· CḡPsP·C‡PëPSPsPj PSP°C,CḡC-Cḡ

C...P»PsCḡPëPrCf.

PḡCÍPsP±P»PëPIPSCÍC,C-
P·P°CÍC,PSCÍCžPIP°PSPSCЦ. P“-PљPŸPᄡ
CÍPïCḡPëCЦC” CḡPsCÍC,Cf
PjC-C”P»PsC—PrPSPëC... PεP»C-C,PëPS in
vitro. PḡPSP°P»PsPiC-C‡PSPëPNº
PμC,,PμPεC, in vitro PjPsP¶Pμ
CÍPïPsCÍC,PμCḡC-PiP°C,PëCÍCЦ C- Cf
PrPμCЦPεPëC...
PSPμPjC-C”P»PsC—PrPSPëC...
PεP»C-C,PëPSP°C.... P’PμP·PïPμPεP° C,P°
PμC,,PμPεC,PëPIPS-CÍC,CHḡ
P·P°CÍC,PSCÍCfPIP°PSPSCЦ
C,,C-P»PiCḡP°CÍC,PëPjCf C...PIPsCḡPëPj
C-P·
PjC-C”P»PsPrPëCÍPïP»P°CÍC,PëC‡PSPëPj
CÍPëPSPrCḡPsPjPsPj P°P±Ps
C...CḡPsPSC-C‡PSPëPj
PjC-C”P»PsP»PμPNºPεPsP·PsPj PSPμ
PICÍC,P°PSPsPIP»PμPSC-. PŸPsPjCf PïCḡPë
C†PëC... P·P°C...PIPsCḡCHPIP°PSPSCЦC...
PïCḡPμPïP°CḡP°C, PSPμ

**PiPsPeP°P·P°PSPëPNø. PhCÍPsP±P»PëPICí
 CíPIP°PiCí CÍP»C-Pr P·PIPµCȚC,P°C,Pë
 PiCȚPë PiCȚPsPIPµPrPµPSPSC-
 PrPëC,,PµCȚPµPSC†C-PNøPSPsPiPs
 PrC-P°PiPSPsP·Cí P±P»P°CÍC,PSPsC—
 C,CȚP°PSCÍC,,PsCȚPjP°C†C-C— PiCȚPë
 C...CȚPsPSC-C‡PSPsPjCí
 PjC-C”P»PsP»PµPNøPePsP·C- C-
 PiPsCÍC,CȚPsPjCí
 PjC-C”P»PsP»PµPNøPePsP·C-.**

P·C,,PµPeC,PëPIPSC-CÍC,Ch C,,C-P»PiCȚP°CÍC,PëPjCí PiCȚPë C...C-PjC-PsC,PµCȚP°PiC-C— P·
 PIC-PrCÍC,CȚPsC‡PµPSPsCȚ PjC-C”P»PsCÍCíPiCȚPµCÍC-C”CȚ, PSP°PiCȚPëPeP»P°Pr,
 PSC-C,CȚPsP·PsCÍPµC‡PsPIPëPSPsCȚ, PjC-C,PSPjC-C†PëPSPsPj PŸ P°P±Ps
 PjC-C”P»PsCÍCíPiCȚPµCÍPëPIPSPëPjPë PrPsP·P°PjPë P°PSC,PëPjPµC,P°P±PsP»C-C,C-PI,
 C,P°PePëC... CȚPe 5-PαPJ P°P±Ps C†PëC,PSP·PëPS-P°CȚP°P±C-PSPsP·PëPS, PSP° PrP°PSPëPNø
 C‡P°CÍ PIC-PrPiPsPIC-PrPSPëPj C‡PëPSPsPj PSPµ PiC-PrC,PIPµCȚPrP¶PµPSP°.

*PhCÍPsP±P»PëPIC- P·P°CÍC,PµCȚPµP¶PµPSPSCȚ PrP»CȚ PiP°C†C-C”PSC,C-PI P·
 PsPSPePsP»PsPiC-C‡PSPëPjPë P·P°C...PIPsCȚCȚPIP°PSPSCȚPjPë.*

*P>PµPNøPePsC†PëC,PsP· P>PµPNøPePsC†PëC,PsP· 100×10⁹/P» C- P±C-P»ChC€Pµ
 CȚC-PrPePs CÍPiPsCÍC,PµCȚC-PiP°PICÍCȚ PiC-Pr C‡P°CÍ P»C-PeCíPIP°PSPSCȚ
 C,,C-P»PiCȚP°CÍC,PëPjPsPj Cí PrPsP·P°C..., CȚPeC- PiPµCȚPµPIPëC%CrPIP°P»Pë 0,3
 PjP»PS PħPh (3 PjPePi)/PePi PSP° PrPsP±Cí. P’CíPrCh-CȚPePëC... PiPsP±C-C‡PSPëC...
 CȚPµP°PeC†C-PNø, C%Ps P±PµP·PiPsCÍPµCȚPµPrPSCȚPs P±CíP»Pë P±
 PiPsPiBȚ™ CȚP·P°PSC- P· C,P°PePëPj CȚC-PIPSµPj P»PµPNøPePsC†PëC,PsP·Cí, PSPµ
 PsPiPëCÍP°PSPs. PµCȚPsC,Pµ P· PsPiP»CȚPrCí PSP° PjPsP¶P»PëPIPëPNø CȚPëP·PëPe,
 PiPsPiBȚ™ CȚP·P°PSPëPNø P· P»PµPNøPePsC†PëC,PsP·PsPj, PiPsC,CȚC-P±PSPs
 CȚPµPiCíP»CȚCȚPSPs PIPëP·PSP°C‡P°C,Pë PeC-P»ChPeC-CÍC,Ch
 P»PµPNøPePsC†PëC,C-PI. PiPeC%Ps PiC-CÍP»CȚ PiCȚPsC...PsPrP¶PµPSPSCȚ
 PsC‡C-PeCíPIP°PSPsPiPs PSP°PNøPSPëP¶C‡PsPiPs CȚC-PIPSCȚ PeC-P»ChPeC-CÍC,Ch
 P»PµPNøPePsC†PëC,C-PI PiPµCȚPµPIPëC%PëC,Ch 50×10⁹/P», C,,C-P»PiCȚP°CÍC,PëPj
 CÍP»C-Pr PSPµPiP°PNøPSPs PIC-PrPjC-PSPëC,Pë. PiPeC%Ps C,,C-P»PiCȚP°CÍC,PëPj
 P·P°CÍC,PsCÍPsPICíPIP°C,Pë PrP»CȚ PjPsP±C-P»C-P·P°C†C-C—
 PiPµCȚPëC,,PµCȚPëC‡PSPëC... CÍC,PsPIP±CíCȚPsPIPëC... PeP»C-C,PëPS PeCȚPsPIC-,
 PiCȚPµPiP°CȚP°C, CÍP»C-Pr PIC-PrPjC-PSPëC,Pë, CȚPeC%Ps PeC-P»ChPeC-CÍC,Ch
 P»PµPNøPePsC†PëC,C-PI PiPµCȚPµPIPëC%PëC,Ch 70×10⁹/P».*

P†PjCžPSPsPiPμPSPSC-ClC,CH.

PhClPeC-P»CHPePë C,,C-P»PiCtjP°ClC,PëPj C" PiPμPiC,PëPrPsPj, C-ClPSCrC"
PiPsC,PμPSC†C-P°P» PrP»Ctj C-PjCrPSPsPiPμPSPSPsClC,C-. PëPIPëPrPeC-ClC,CH
CrC,PIPsCtjPμPSPSCtj P°PSC,PëC,C-P» PrPs C,,C-P»PiCtjP°ClC,PëPjCr P·P°P·PIPëC†P°PNë
PSPëP·CHPeP°. PiPe C- PsC†C-PeCrPIP°P»PsClCtj, P·PiCtjP·CrPIP°PSPSCtj P·
P°PSC,PëC,C-P»P°PjPë PrC-PNëClPSPs PIC-PrP±CrPIP°C"C,CHClCtj, ClPe PrP»Ctj CrClC-C...
P±C-PsPiCtjPμPiP°CtjP°C,C-PI. PhPrPSP°Pe PSP° ClCHPsPiPsPrPSC- PSPμ
PIClC,P°PSPsPiP»PμPSPs, C°Ps C-PjCrPSPsPiPμPSPSC-ClC,CHB PjPsP¶Pμ
PiCtjPsCtjPIP»CtjC,PëClCtj ClPe PIC-PrClCrC,PSC-ClC,CH PμC,,PμPeC,Cr PiCtjPë
P·P°ClC,PsClCrPIP°PSPSC- P»C-PeP°CtjClCHPePsPiPs P·P°ClPsP±Cr. P—PiC-PrPSPs P·
PrP°PSPëPjPë C†PsC,PëCtjCHPsC... PeP»C-PSC-C†PSPëC... PrPsClP»C-PrP¶PμPSCH P·P°
CrC†P°ClC,CH P·PrPsCtjPsPiPëC... PrPsP±CtjPsPiPsP»CHC†C-PI C,P° PiP°C†C-C"PSC,C-PI P·
PsPSPePsP»PsPiC-C†PSPëPjPë P·P°C...PIPsCtjCHPIP°PSPSCtjPjPë Cr P¶PsPrPSPsPiPs P· PSPëC...
PIPSP°ClP»C-PrPsPe PIPIPμPrPμPSPSCtj C,,C-P»PiCtjP°ClC,PëPjCr PSPμ
ClPiPsClC,PμCtjC-PiP°P»PsClCH CrC,PIPsCtjPμPSPSCtj P°PSC,Pë-CtjP"-PμPŸPα
P°PSC,PëC,C-P».

*P PëP·PëPe, PiPsPiθtj™ ClP·P°PSPëPNë C-P· PIPëClPsPePsPrPsP·PsPiPsCtj
C...C-PjC-PsC,PμCtjP°PiC-C"Ctj.*

PhClPsP±P»PëPICr PsP±PμCtjPμP¶PSC-ClC,CH ClP»C-Pr PIPëCtjPIP»CtjC,Pë PiCtjPë
P»C-PeCrPIP°PSPSC- C...PIPsCtjPëC..., ClPeC- PsC,CtjPëPjCrCtjC,CH
PIPëClPsPePsPrPsP·PsPICr C...C-PjC-PsC,PμCtjP°PiC-CH, PsClPeC-P»CHPePë
PiPsPeCtjP°C°PμPSPSCtj PIC-PrPiPsPIC-PrC- PiCrC...P»PëPSPë PSP° C,P°PePμ
P»C-PeCrPIP°PSPSCtj PSPμ ClPiPsClC,PμCtjC-PiP°P»PsClCtj, C,PsPrC- ClPe
PiC-PrPIPëC°PμPSC- PrPsP·Pë C...C-PjC-PsPiCtjPμPiP°CtjP°C,C-PI PjP°CtjC,CH P±C-P»CHCë
PIPëCtjP°P¶PμPSCr C,PsPeClPëC†PSC-ClC,CH, PIPeP»CHC†P°CtjC†Pë ClPμCtjC†PμPIPs-
ClCrPrPëPSPSC-, P»PμPiPμPSPμPIC-, PSPμPICtjPsP»PsPiC-C†PSC- C-
PrPμCtjPjP°C,PsP»PsPiC-C†PSC- PiCtjPsCtjPIPë (PrPëPI. C-PSClC,CtjCrPeC†C-C— PrP»Ctj
P·P°ClC,PsClCrPIP°PSPSCtj PePsPSPeCtjPμC,PSPëC... C...C-PjC-PsPiCtjPμPiP°CtjP°C,C-PI).
PhPsPSPsC,PμCtjP°PiC-Cl C,,C-P»PiCtjP°ClC,PëPjPsPj PSPμ P·P°PiPsP±C-PiP°C"
C,CtjPsPjP±PsC†PëC,PsPiPμPSC-C— C,P° P°PSPμPjC-C—, ClPiCtjPëC†PëPSPμPSC-
PjC-C"P»PsClCrPiCtjPμClPëPIPSPsCtj C...C-PjC-PsC,PμCtjP°PiC-C"Ctj, PsPrPSP°Pe PrP°C"
P·PjPsPiCr P·P°ClC,PsClPsPICrPIP°C,Pë C...C-PjC-PsPiCtjPμPiP°CtjP°C,Pë PI P±C-P»CHCë
PIPëClPsPePëC... PrPsP·P°C... (PIC-PrPiPsPIC-PrPSPs PrPs ClC...PμPjPë), PIPSP°ClP»C-PrPsPe
C†PsPiPs C...PIPsCtjPëPNë PiC-PrPrP°C"C,CHClCtj PIPëClPsPePsPjCr CtjPëP·PëPeCr
CtjPsP·PIPëC,PeCr C,CtjPsPjP±PsC†PëC,PsPiPμPSC-C— C,P° P°PSPμPjC-C—.
P PμPePsPjPμPSPrCrC"C,CHClCtj CtjPμPiCrP»CtjCtjPSPs PIPëP·PSP°C†P°C,Pë
PeC-P»CHPeC-ClC,CH C,CtjPsPjP±PsC†PëC,C-PI C- PiPsPeP°P·PSPëPe PiPμPjP°C,PsPeCtjPëC,Cr.
PhClPsP±P»PëPICr PsP±PμCtjPμP¶PSC-ClC,CH ClP»C-Pr PiCtjPsCtjPIPëC,Pë PiCtjPë
P·P°ClC,PsClCrPIP°PSPSC- PsPrPSPsPePsPjPiPsPSPμPSC,PSPëC... P°P±Ps
PePsPjP±C-PSPsPiP°PSPëC... C...C-PjC-PsC,PμCtjP°PiPμPIC,PëC†PSPëC... ClC...PμPj,
P·PrP°C,PSPëC... ClPiCtjPëC†PëPSPëC,Pë C,CtjPsPjP±PsC†PëC,PsPiPμPSC-CH.

P—P°ClC,PsClCrPIP°PSPSCtj PμPμPμPμ, PjPsP±C-P»C-P·PsPiP°PSPëC... P·P°
PrPsPiPsPjPsPiPsCtj PiCtjPμPiP°CtjP°C,C-PI C,,C-P»PiCtjP°ClC,PëPjCr, P·PjPμPSCëCrC"
PIPëCtjP°P¶PμPSC-ClC,CH C- C,CtjPëPIP°P»C-ClC,CH C,CtjPsPjP±PsC†PëC,PsPiPμPSC-C—
PiC-ClP»Ctj PjC-C"P»PsClCrPiCtjPμClPëPIPSPsC— P°P±Ps PjC-C"P»PsP°P±P»P°C,PëPIPSPsC—
C...C-PjC-PsC,PμCtjP°PiC-C—.

P C-PrPePs PiC-ClP»Ctj PIPIPμPrPμPSPSCtj PiCtjP°PSCrP»PsC†PëC,P°CtjPSPsPiPs

PePsP»PsPSC-C"Cl'C,PëPjCfP»CñCñC#PsPiPs C,,P°PeC,PsCñP° PiPsPIC-PrPsPjP»CñP»PsCl'Cñ
PiCñPs PiPsP±C-C#PSC- CñPµP°PeC†C-C— P· P±PsPeCr P»PµPiPµPSC-PI, P·PsPeCñPµPjP°
PiCñPs C-PSC,PµCñCl'C,PëC†C-P°P»CHBPSCr PiPSPµPIPjPsPSC-Cñ. PµP°C†C-C"PSC,Pë P·
P»PµPiPµPSPµPIPëPjPë C-PSC,,C-P»CHbC,CñP°C,P°PjPë P°P±Ps PiPSPµPIPjPsPSC-C"Cñ PI
PSPµC%oPsPrP°PIPSCHbPsPjCr P°PSP°PjPSPµP-C- PjPsP¶CrC,CHb PjP°C,Pë
PiC-PrPIPëC%oPµPSPëPNë CñPëP·PëPe CrCl'PeP»P°PrPSPµPSCñ. P'PëPSPëPePSPµPSPSCñ P·
P±PsPeCr P»PµPiPµPSCñ Cl'PëPjPiC,PsPjC-PI, C,P°PePëC... CñPe PeP°C€PµP»CHb,
P»PëC...PsPjP°PSPeP° C- P·P°PrPëC€PeP°, Cr PiPsC"PrPSP°PSPSC- P· PsP·PSP°PeP°PjPë
CñPµPSC,PiPµPSPsP»PsPiC-C#PSPëC... C-PSC,,C-P»CHbC,CñP°C,PëPIPSPëC... P·PjC-PS
P»PµPiPµPSCñ, PiPsPiC-CñC€PµPSPSCñPj C,,CrPSPeC†C-C— P»PµPiPµPSCñ C-
P·P±C-P»CHbC€PµPSPSCñPj PeC-P»CHbPePsCl'C,C- PSPµPNëC,CñPsC,,C-P»C-PI PjPsP¶CrC,CHb
P±CrC,Pë PiPsPiPµCñPµPrPSC-PjPë PsP·PSP°PeP°PjPë CñPµCl'PiC-CñP°C,PsCñPSPsPiPs
PrPëCl'C,CñPµCl'-Cl'PëPSPrCñPsPjCr PrPsCñPsCl'P»PëC.... PJ C,P°PePëC... PiPëPiP°PrPeP°C...
PiCñPµPiP°CñP°C, Cl'P»C-Pr PIC-PrPjC-PSPëC,Pë C,P° PiCñPëP·PSP°C#PëC,Pë
PIC-PrPiPsPIC-PrPSPµ P»C-PeCrPIP°PSPSCñ.

P†Cl'PSCrC" PsP±PjPµP¶PµPSPëPNë PrPsCl'PIC-Pr P·P°Cl'C,PsCl'CrPIP°PSPSCñ
PiCñPµPiP°CñP°C,Cr PiP°C†C-C"PSC,P°Pj P· C,CñP¶PePëPj PiPsCñCrC€PµPSPSCñPj
C,,CrPSPeC†C-C— PiPµC#C-PSPePë C,P°/P°P±Ps PSPëCñPsPe.

*PhCl'PsP±P»PëPIC- P·P°Cl'C,PµCñPµP¶PµPSPSCñ PrP»Cñ PiP°C†C-C"PSC,C-PI, CñPePëPj
PiCñPsPiPsPrPëC,CHbCl'Cñ PjPsP±C-P»C-P·P°C†C-Cñ PiPµCñPëC,,PµCñPëC#PSPëC...
Cl'C,PsPIP±CçCñPsPIPëC... PeP»C-C,PëPS PeCñPsPIC-.*

PñPsP±C-P»C-P·P°C†C-Cñ.

PµCñPsCl'PiPµPeC,PëPIPSPëC... CñP°PSPrPsPjC-P·PsPIP°PSPëC...
PrPsCl'P»C-PrP¶PµPSCñ P· PjPµC,PsCñ PiPsCñC-PIPSCñPSPSCñ PrPIPsC...
CñPµPePsPjPµPSPrPsPIP°PSPëC... PjPµC,PsPrC-PI PjPsP±C-P»C-P·P°C†C-C—
PiPµCñPëC,,PµCñPëC#PSPëC... Cl'C,PsPIP±CrCñPsPIPëC... PeP»C-C,PëPS PeCñPsPIC-
(C,C-P»CHbPePë C,,C-P»PiCñP°Cl'C,PëPj P°P±Ps PI PePsPjP±C-PSP°C†C-C— P·
PjC-C"P»PsCl'CrPiCñPµCl'PëPIPSPsCñ C,PµCñP°PiC-C"Cñ) PI PsPrPSC-PNë C- C,C-PNë
P¶Pµ PiPsPiCrP»CñC†C-C— C...PIPsCñPëC... PSPµ PiCñPsPiPsPrPëP»Pë.
P'PµP·PiPsCl'PµCñPµPrPSC" PiPsCñC-PIPSCñPSPSCñ CñPµP·CrP»CHbC,P°C,C-PI
CñC-P·PSPëC... PrPsCl'P»C-PrP¶PµPSCñ CrC,CñCrPrPSPµPSPµ PIPSP°Cl'P»C-PrPsPe
C-PSPrPëPIC-PrCrP°P»CHBPSPëC... PIC-PrPjC-PSPSPsCl'C,PµPNë PjC-P¶
PiP°C†C-C"PSC,P°PjPë, P° C,P°PePsP¶ PIPSP°Cl'P»C-PrPsPe PIC-PrPjC-PSPSPsCl'C,PµPNë
P»P°P±PsCñP°C,PsCñPSPëC... P°PSP°P»C-P·C-PI CD34 PeP»C-C,PëPS. PÿPsPjCr
PrPsCl'PëC,CHb Cl'PeP»P°PrPSPs CñPµPePsPjPµPSPrCrPIP°C,Pë
PsPiC,PëPjP°P»CHBPSPëPNë PjPµC,PsPr PjPsP±C-P»C-P·P°C†C-C—. PñPµC,PsPr
PjPsP±C-P»C-P·P°C†C-C— Cl'P»C-Pr PsP±PëCñP°C,Pë P·P°P»PµP¶PSPs PIC-Pr
P·P°PiP°P»CHBPSPs— PjPµC,Pë P»C-PeCrPIP°PSPSCñB PrP»Cñ
PePsPSPeCñPµC,PSPsPiPs PiP°C†C-C"PSC,P°.

PµPsPiPµCñPµPrPSC" P»C-PeCçPIP°PSPSCñ C†PëC,PsC,PsPeCl'PëC#PSPëPjPë P·P°Cl'PsP±P°PjPë.

PJ C...PIPsCñPëC..., CñPePëPj Cr PjPëPSCrP»PsPjCr PiCñPsPiPsPrPëP»Pë
C-PSC,PµPSCl'PëPIPSCr PjC-C"P»PsCl'CrPiCñPµCl'PëPIPSCr C,PµCñP°PiC-Cñ C- CñPeC-
PiC-Cl'P»Cñ C†CHbPsPiPs PsC,CñPëPjCrPIP°P»Pë C,,C-P»PiCñP°Cl'C,PëPj P· PjPµC,PsCñ
PjPsP±C-P»C-P·P°C†C-C— PiPµCñPëC,,PµCñPëC#PSPëC... Cl'C,PsPIP±CrCñPsPIPëC...

PeP»C-C,PePS PeCḡPsPIC-, PjPsPḡPμ PSPμ PIC-PrP±CfPIP°C,PeCfCḡ PrPsCfC,P°C,PSCHbPsPiPs
P·P±C-P»CHbCεPμPSPSCḡ PiPμCḡPēC,,PμCḡPēC±PSPēC... CfC,PsPIP±CfCḡPsPIPēC...
PeP»C-C,PePS PeCḡPsPIC- PrPs CḡPμPePsPjPμPSPPrPsPIP°PSPsPiPs PjC-PSC-PjP°P»CHbPSPsPiPs
CḡC-PIPSCḡ ≥2,0×10⁶ CD34 PeP»C-C,PePS/PePi. PμCḡPēCfCfPePsCḡPμPSPSCḡ
PIC-PrPSPsPIP»PμPSPSCḡ PeC-P»CHbPePsCfC,C- C,CḡPsPjP±PsCfPēC,C-PI Cr CfPēC...
PiP°CfC-C°PSC,C-PI C,P°PePsPḡ PjPsPḡPμ P±CfC,Pe PjPμPSCε PIPēCḡP°PḡPμPSPμ, PSC-Pḡ Cr
CḡP°PSC-CεPμ PSPμ P»C-PePsPIP°PSPēC... PiP°CfC-C°PSC,C-PI P°P±Ps Cr PiP°CfC-C°PSC,C-PI,
CḡPeC- PsC,CḡPēPjCfPIP°P»Pē PjPμPSCε PμPeCfC,PμPSCfPēPIPSPμ P»C-PeCfPIP°PSPSCḡ.

P°PμCḡPeC- CfPēC,PsCfC,P°C,PePePē PsCfPsP±P»PēPIPs C,PsPeCfPēC±PSPs
PIPiP»PēPIP°CḡC,CHb PSP° PeP»C-C,PēPSPē-PiPsPiPμCḡPμPrPSPēPePē PiPμPjPsPiPsPμP·Cr C-
PjPsPḡCfC,CHb PSPμPiP°C,PēPIPSs PIPiP»PēPIP°C,Pē PSP° C—C... PjPsP±C-P»C-P·P°CfC-Cḡ.
P—P°CfC,PsCfCfPIP°PSPSCḡ C,P°PePēC... PiCḡPμPiP°CḡP°C,C-PI, CḡPe PjPμP»C,,P°P»P°PS,
PeP°CḡPjCfCfC,PēPS C,P° PeP°CḡP±PsPiP»P°C,PēPS, PiCḡPsC,CḡPiPsPj C,CḡPēPIP°P»PsPiPs
PiPμCḡC-PsPrCf PrPs PiPsC±P°C,PeCf P·P°PiP»P°PSPsPIP°PSPsC— PjPsP±C-P»C-P·P°CfC-C—
CfC,PsPIP±CfCḡPsPIPēC... PeP»C-C,PēPS PjPsPḡPμ P·PjPμPSCεPēC,Pe CfC,CfPiC-PSCḡ C—C—
PIPēCḡP°PḡPμPSPsCfC,C-. PkP°PiPiP°PePē, P·P°CfC,PsCfCfPIP°PSPSCḡ PjPμP»C,,P°P»P°PSCf,
PeP°CḡPjCfCfC,PēPSCf P°P±Ps PeP°CḡP±PsPiP»P°C,PēPSCf CḡP°P·PsPj P·
C,,C-P»PiCḡP°CfC,PēPjPsPj CfPiCḡPēCḡC” PjPsP±C-P»C-P·P°CfC-C—
CfC,PsPIP±CfCḡPsPIPēC... PeP»C-C,PēPS PeCḡPsPIC-. PiPeC%Ps PiP»P°PSCfC”C,CHbCfCḡ
C,CḡP°PSCfPiP»P°PSC,P°CfC-Cḡ PiPμCḡPēC,,PμCḡPēC±PSPēC... CfC,PsPIP±CfCḡPsPIPēC...
PeP»C-C,PēPS PeCḡPsPIC-, CḡPμPePsPjPμPSPPrCfC”C,CHbCfCḡ P·P°PiP»P°PSCfPIP°C,Pe C—C...
PjPsP±C-P»C-P·P°CfC-Cḡ PSP° CḡP°PSPSC-PNε CfC,P°PrC-C— PeCfCḡCfCf
P»C-PeCfPIP°PSPSCḡ. Pj PiP°CfC-C°PSC,C-PI, CḡPeC- PsC,CḡPēPjCfCḡC,CHb C,P°PePμ
P»C-PeCfPIP°PSPSCḡ, PsCfPsP±P»PēPICf CfPIP°PiCf CfP»C-Pr P·PIPμCḡPSCfC,Pe PSP°
PeC-P»CHbPeC-CfC,CHb PeP»C-C,PēPS-PiPsPiPμCḡPμPrPSPēPeC-PI,
PjPsP±C-P»C-P·PsPIP°PSPēC... PrPs P·P°CfC,PsCfCfPIP°PSPSCḡ PIPēCfPsPePsPrPsP·PsPIPsC—
C...C-PjC-PsC,PμCḡP°PiC-C—. PiPeC%Ps CḡPμP·CfP»CHbC,P°C,Pe PjPsP±C-P»C-P·P°CfC-C—,
PIC-PrPiPsPIC-PrPSPs PrPs PIPēC%PμPSP°PIPμPrPμPSPēC... PeCḡPēC,PμCḡC-C—PI,
PSPμPrPsCfC,P°C,PSC-, CfP»C-Pr CḡPsP·PiP»CḡPSCfC,Pe P°P»CHbC,PμCḡPSP°C,PēPIPSC-
PIPēPrPē P»C-PeCfPIP°PSPSCḡ, C%Ps PSPμ PiPsC,CḡPμP±CfCḡC,CHb P·P°PjC-C%PμPSPSCḡ
PeP»C-C,PēPS-PiPsPiPμCḡPμPrPSPēPeC-PI.

PhCfC-PSPeP° PeC-P»CHbPePsCfC,C- CfC,PsPIP±CḡCḡPsPIPēC... PeP»C-C,PēPS PeCḡPsPIC-.

PhCfC-PSCḡCḡC±Pē PeC-P»CHbPeC-CfC,CHb CfC,PsPIP±CfCḡPsPIPēC... PeP»C-C,PēPS
PeCḡPsPIC-, PjPsP±C-P»C-P·PsPIP°PSPēC... Cr C...PIPsCḡPēC... P·P° PrPsPiPsPjPsPiPsCḡ
C,,C-P»PiCḡP°CfC,PēPjCf, CfP»C-Pr PiCḡPēPrC-P»PēC,Pe PsCfPsP±P»PēPICf CfPIP°PiCf
PjPμC,PsPrCf PeC-P»CHbPeC-CfPSPsPiPs PIPēP·PSP°C±PμPSPSCḡ. P PμP·CfP»CHbC,P°C,Pe
PiCḡPsC,PsC±PSPsPiPs CfPēC,PsPjPμC,CḡPēC±PSPsPiPs P°PSP°P»C-P·Cf PeC-P»CHbPePsCfC,C-
CD34 PeP»C-C,PēPS P·P°P»PμPḡP°C,CHb PIC-Pr PePsPSPeCḡPμC,PSPsC—
PjPμC,PsPrPsP»PsPiC-C—, C- PiPsC,CḡC-P±PSPs P· PsP±PμCḡPμPḡPSC-CfC,Cḡ
CfC,P°PIPēC,PeCfCḡ PrPs CḡPμPePsPjPμPSPPrP°CfC-PNε C%PsPrPs C—C...PSCḡPsC—
PeC-P»CHbPePsCfC,C-, C%Ps P±P°P·CfCḡC,CHbCfCḡ PSP° PrPsCfP»C-PrPḡPμPSPSCḡC...,
PiCḡPsPIPμPrPμPSPēC... PI C-PSCεPēC... P»P°P±PsCḡP°C,PsCḡC-CḡC...

PfCfPSCfC” CfPeP»P°PrPSP°, P°P»Pμ CfC,P°P±C-P»CHbPSP° CfC,P°C,PeCfC,PeC±PSP°
P·P°P»PμPḡPSC-CfC,CHb PjC-Pḡ PeC-P»CHbPeC-CfC,Cḡ PIPiPμPrPμPSPēC... PI
CḡPμC-PSC,,CfP·C-Cḡ CD34 PeP»C-C,PēPS C- CεPIPēPrPeC-CfC,Cḡ
PSPsCḡPjP°P»C-P·P°CfC-C— PeC-P»CHbPePsCfC,C- C,CḡPsPjP±PsCfPēC,C-PI PiC-CfP»Cḡ
PIPēCfPsPePsPrPsP·PsPIPsC— C...C-PjC-PsC,PμCḡP°PiC-C—.

PJ PiP^oC†C-C"psc,C-PI P· PIC₇PsPrP¶PuPSPsC₇ PSPuPN₂C,C₇PsPiPuPSC-C"C₇ PiC₇Pë

PrPsPIPiPsC, C₇H₆PIP°P»PsPjC_r P»C-PeC_rPIP°PSPSC- C,,C-P»PiC₇H₆P°C_rC, PëPjPsPj
 C_rPIPsC_rC, P_μC₇H₆-PiP°P»P°C_rC₇ PjC-C"»PsPrPëC_rPIP»P°P-C-Cl P°P±Ps P»P_μPN₆PePsP· (12,1%
 PiC₇H₆PsC, ClPIPsPj 5 C₇H₆PsPeC-PI). P_iP_μ C_rPIPsC_rC, P_μC₇H₆P_μP_μPSPSC₇ P±C_rP»Ps
 PIC-PrP·PSP°C_rP_μPSPs C, C-P»CH₆PePë C_rC, PsC_rPsPIPSPs PiP°C_rC-C"»PSC, C-PI P·
 PIC₇H₆PsPrP_μP_μPSPsC₇ PSP_μPN₆C, C₇H₆PsPiP_μPSC-C"»C₇. P_hC-C"»PsPrPëC_rPIP»P°P-C-Cl C-
 P»P_μPN₆PePsP· C" P·PIPëC_rP°PN₆PSPëPjPë C_rC_rPeP»P°PrPSP_μPSPSC₇PjPë PrP°PSPsPiPs
 P·P°C...PIPsC₇H₆PIP°PSPSC₇, C-C... PiC₇H₆PeC_rPëPSPSPs-PSP°C_rP»C-PrPePsPIPëPN₆
 P·PIB₇TM ClP·PsPe C-P· P·P°C_rC, PsC_rC_rPIP°PSPSC₇Pj C,,C-P»PiC₇H₆P°C_rC, PëPjC_r PSP_μ
 PIPëP·PSP°C_rP_μPSPëPN₆. P_hC₇H₆PëP±P»PëP·PSPs C_r 12 % C...PIPsC₇H₆PeC... P·
 PiPsC_rP°C, PePsPIPsC₇ PSPsC₇PjP°P»CH₆PSPsC₇ C_rPëC, PsPiP_μPSP_μC, PëPePsC₇ PiC₇H₆
 PiPsPIC, PsC₇H₆PSPëC... PrPsC_rP»C-PrP_μPSPSC₇ClC... PIPëC₇PIP»ClP»PëC_rC₇
 P°PSPsPjP°P»C-C—, C_r C, PsPjC_r C_rPëC_rP»C- PsPrPëPS PIPëPiP°PrPsPe PjPsPSPsC_rPsPjC-C— 7.
 P_hC₇H₆Pe C₇H₆PsP·PIPëC, PeC_r P»P_μPN₆PePsP·C_r P°P±Ps PiP_μC₇H₆PrP»P_μPN₆PePsP·C_r
 (P·P±C-P»CH₆PeP_μPSPSC₇ PeC-P»CH₆PePsC_rC, C- P»P_μPN₆PePsP±P»P°C_rC, C-PI C_r
 PiP_μC₇H₆PeC,, P_μC₇H₆PeC_rPSC-PN₆ PeC₇H₆PsPIC-) C,,C-P»PiC₇H₆P°C_rC, PëPj C_rP»C-Pr
 PIC-PrPjC-PSPëC, Pë. P_kP° C_rCH₆PsPiPsPrPSC- PSP_μP·C₇H₆PsP·C_rPjC-P»Ps, C_rPë C_rPIC₇H₆PeC₇C"
 C, C₇H₆PIP°P»P_μ P»C-PeC_rPIP°PSPSC₇ C,,C-P»PiC₇H₆P°C_rC, PëPjPsPj C...PIPsC₇H₆PeC... P·
 PiPsC₇H₆C_rC₇PeP_μPSPëPj C_rPëC, PsPiP_μPSP_μP·PsPj C₇H₆PsP·PIPëC, PeC_r
 C_rPëC, PsPiP_μPSP_μC, PëC_rPSPëC... P°PSPsPjP°P»C-PN₆, PjC-C"»PsPrPëC_rPIP»P°P-C-C— P°P±Ps
 P»P_μPN₆PePsP·C_r. P P_μPePsPjP_μPSP_rC_rC"»C, CH₆C_rC₇ C₇H₆PiC_rP»C₇C₇PSPs
 (PiC₇H₆PeP±P»PëP·PSPs PePsP_μPSC- 12 PjC-C_rC₇C₇C-PI) PiC₇H₆PsPiPsPrPëC, Pë
 PjPsC₇H₆, PsP»PsPiC-C_rPSC- C, P° C_rPëC, PsPiP_μPSP_μC, PëC_rPSC- PrPsC_rP»C-PrP_μPSPSC₇
 PeC-C_rC, PePsPIPsPiPs PjPsP·PeC_r.

*PhC_rPsP±P»PëPIC- P·P°C_rC, P_μC₇H₆P_μP_μPSPSC₇ PrP»Cl PIP°C_rC-C"»PSC, C-PI P·
 C, ClP_μPePsC₇ C...C₇H₆PsPSC-C_rPSPsC₇ PSP_μPN₆C, C₇H₆PsPiP_μPSC-C"»C₇ (P₇PI₇P₇).*

P_hPsC₇H₆PjC_rP»P° PeC₇H₆PsPIC-.

P_hPsC, C₇H₆-P±PSPs C₇H₆P_μC, P_μP»CH₆PSPs PePsPSC, C₇H₆PsP»C₇H₆PIP°C, Pë PeC-P»CH₆PeC-C_rC, CH₆
 C, C₇H₆PsPjP±PsC_rPëC, C-PI, PsC_rPsP±P»PëPIPs PiC₇H₆PsC, ClPIPsPj PiP_μC₇H₆PeC...
 PrP_μPeC-P»CH₆PePsC... C, PëP_μPSC-PI P»C-PeC_rPIP°PSPSC₇ C,,C-P»PiC₇H₆P°C_rC, PëPjPsPj.

P_hC₇H₆Pe C₇H₆PsP·PIPëC, PeC_r C, C₇H₆PsPjP±PsC_rPëC, PsPiP_μPSC-C— (PeC-P»CH₆PeC-C_rC, CH₆
 C, C₇H₆PsPjP±PsC_rPëC, C-PI PSPëP_μClP_μ 100×10⁹/P») C_rP»C-Pr C₇H₆PsP·PiP»ClPSC_rC, Pë
 PiPëC, P°PSPSC₇ PiC₇H₆Ps C, PëPjC_rP°C_rPsPIC_r PIC-PrPjC-PSC_r PiC₇H₆PiP°C₇H₆P°C, C_r P°P±Ps
 P·PjP_μPSC₇PeP_μPSPSC₇ PN₆PsPiPs PrPsP·Pë. P_hPsC, C₇H₆-P±PSPs C_rPIPsC_rC, P_μC₇H₆-PiP°C, Pë
 C, P°PePsP_μ C- P·P° C-PSC₇PePjPë PiPsPeP°P·PSPëPeP°PjPë C,, PsC₇H₆PjC_rP»Pë PeC₇H₆PsPIC-,
 ClPeC- PiPsC, C₇H₆P_μP±C_rC₇C, CH₆ C₇H₆P_μC, P_μP»CH₆PSPsPiPs PePsPSC, C₇H₆PsP»C₇, C_r C, PsPjC_r
 C_rPëC_rP»C- P·P° P°PSP_μPjC-C"»C₇ C- C, C₇H₆P°PSP·PëC, PsC₇H₆PSPëPj P·P±C-P»CH₆PeP_μPSPSC₇Pj
 PeC-P»CH₆PePsC_rC, C- PjC-C"»PsC—PrPSPëC... PeP»C-C, PëPS-PiPsPiP_μC₇H₆PrPSPëPeC-PI.

PiPëC, PsPiP_μPSP_μC, PëC_rPSC- PiPsC₇H₆C_rC₇PeP_μPSPSC₇, P»P_μPN₆PePsP· C- PsC_rC, P_μPsPiPsC₇H₆PsP·
 (9,1 %) P±C_rP»Pë PIPëC₇PIP»P_μPSC- PiC₇H₆Pe PrPsPIPiPsC, C₇H₆PIP°P»PsPjC_r
 C_rPIPsC_rC, P_μC₇H₆P_μP_μPSPSC- (P±C-P»CH₆PeP_μ 5 C₇H₆PsPeC-PI) C_r PiP°C_rC-C"»PSC, C-PI P·
 C, ClP_μPePsC₇ C...C₇H₆PsPSC-C_rPSPsC₇ PSP_μPN₆C, C₇H₆PsPiP_μPSC-C"»C₇. P_kP_μPIC-PrPsPjPs, C_rPë
 PIPëP°P·P°PSP° PiP°C, PsP»PsPiC-Cl PiPsPiB₇TM ClP·P°PSP° P· P»C-PeC_rPIP°PSPSC₇Pj.

P₇PSC,, P_μPeC_rC-C—, C%₀Ps PiC₇H₆PeP·PIPsPrC₇C, CH₆ PrPs PjC-C"»PsC_rC₇PiC₇H₆P_μC_rC-C—.

P_kP_μPN₆C, C₇H₆PsPiP_μPSC-Cl PjPsP_μP_μ C₇H₆PsP·PIPëPIP°C, PëC_rC₇ PIPSP°C_rP»C-PrPsPe
 C-PSC,,C-P»CH₆C, C₇H₆P°C_rC-C— PeC-C_rC, PePsPIPsPiPs PjPsP·PeC_r

PsPiPsC₇C, CrPSC-C₇C, PeC₄PSP₂PjP₂ C-PSC,, P_μPeC₄C-C₄PjP₂, C, P^oPeP₂PjP₂ C₄Pe
 PePsPjPiP»P_μPeC₇ *Micobacterium avium*, P^oP_±Ps PIPSP^oC₇P»C-PrPsPe
 PiC₇C...P»P₂PSPSPsPiPs CrC₇P^oP_μPSPSC₄ PeC-C₇C, PePsPIPsPiPs PjPsP·PeC₇
 (P»C-PjC,, PsPjP^o). Pj C...PIPsC₇P₂C... C-P· PIC-PrPsPjPsC₇
 C-PSC,, C-P»CH₂C, C₇P^oC₄C-C^oC₇ PeC-C₇C, PePsPIPsPiPs PjPsP·PeC₇
 C-PSC,, P_μPeC₄C-PN₂PSP₂PjP₂ P·P_±CrPrPSP₂PeP^oPjP₂ P^oP_±Ps P· PiC₇C...P»P₂PSPSP₂PjP₂
 CrC₇P^oP_μPSPSC₄PjP₂ PeC-C₇C, PePsPIPsPiPs PjPsP·PeC₇ C, P_μC₇P^oPiC-C₇
 C,, C-P»PiC₇P^oC₇C, P₂PjPsPj PrP»C₄ P»C-PeC₇PIP^oPSPSC₄ PSP_μPN₂C, C₇PsPiP_μPSC-C—
 C₇P»C-Pr PiC₇PsPIPsPrP₂C, P₂ PsPrPSPsC₄P^oC₇PSPs P· C, P_μC₇P^oPiC-C^oC₇
 PIPEP^o·P^oPSPsC— PiP^oC, PsP»PsPiC-C—. P₂P_μC...P^oPSC-P·Pj PrC-C—
 C,, C-P»PiC₇P^oC₇C, P₂PjCr PiC₇P₂ P»C-PeC₇PIP^oPSPSC- PSP_μPN₂C, C₇PsPiP_μPSC-C—,
 P·CrPjPsPIP»P_μPSPsC— C-PSC,, C-P»CH₂C, C₇P^oC₄C-C^oC₇ PeC-C₇C, PePsPIPsPiPs
 PjPsP·PeC₇ C-PSC,, P_μPeC₄C-PN₂PSP₂PjP₂ P·P_±CrPrPSP₂PeP^oPjP₂ P^oP_±Ps
 PiC₇C...P»P₂PSPSP₂Pj CrC₇P^oP_μPSPSC₄Pj, PSP_μ PIC₇C, P^oPSPsPIP»P_μPSP₂PN₂.

*PhC₇PsP_±P»P₂PiC- P·P^oC₇C, P_μC₇P_μP_μP_μPSPSC₄ PrP»C₄ PiP^oC₄C-C^oPSC, C-PI P· P^oP₄P-
 C-PSC,, P_μPeC₄C-C^oC₇.*

P₂PsC₇PjC₂P»P^o PeC₇PsPIC-.

P₂P_μPsP_±C...C-PrPSPs C₇P_μPiC₇P»C₄C₇PSPs PIP₂P·PSP^oC₄P^oC, P₂ P^oP_±C₇PsP»C₇C, PSC₇
 PeC-P»CH₂PeC-C₇C, CH₂ PSP_μPN₂C, C₇PsC,, C-P»C-PI, PsC₇PsP_±P»P₂PIPs PiC₇PsC, C₄PiPsPj
 PiP_μC₇C₂PeC... PrP_μPeC-P»CH₂PePsC... C, P₂P_μPSC-PI P»C-PeC₇PIP^oPSPSC₄
 PiC₇P_μPiP^oC₇P^oC, PsPj. P^oP_μC₄PeC- PiP^oC₄C-C^oPSC, P₂ PrC₇P_μ C₂PIP₂PrPePs C- P·
 C₇C₇C, C, C^oPIP₂Pj P·P_±C-P»CH₂C₂P_μPSPSC₄Pj PeC-P»CH₂PePsC₇C, C-
 PSP_μPN₂C, C₇PsC,, C-P»C-PI PIC-PrPiPsPIC-PrP^oC₇C, CH₂ PSP^o PiPsC₄P^oC, PePsPIC- PrPsP·P₂
 C,, C-P»PiC₇P^oC₇C, P₂PjCr. P₂C₇P₂ P»C-PeC₇PIP^oPSPSC- PiC₇P_μPiP^oC₇P^oC, PsPj
 PSP_μPsP_±C...C-PrPSPs C₇PsPrP_μPSPSPs PiC₇PsC, C₄PiPsPj PiP_μC₇C₂PeC...
 PrP_μPeC-P»CH₂PePsC... PrPSC-PI PIP₂P·PSP^oC₄P^oC, P₂ P^oP_±C₇PsP»C₇C, PSP_μ C₄P₂C₇P»Ps
 PSP_μPN₂C, C₇PsC,, C-P»C-PI. P^oP^oP»C- C₇P_μPePsPjP_μPSPPrC₇C, CH₂C₇C₄ PIP₂P·PSP^oC₄P^oC, P₂
 P^oP_±C₇PsP»C₇C, PSC₇ PeC-P»CH₂PeC-C₇C, CH₂ PSP_μPN₂C, C₇PsC,, C-P»C-PI
 C₇PsPSP^oPN₂PjP_μPSC₂P_μ 2 C₇P^oP·P₂ PSP^o C, P₂P_μPrP_μPSC₂ PiC₇PsC, C₄PiPsPj PiP_μC₇C₂PeC...
 2 C, P₂P_μPSC-PI C- PiC-C₇P»C₄ C₄CH₂PsPiPs 1 C₇P^oP· PSP^o C, P₂P_μPrP_μPSC₂ P^oP_±Ps
 C₄P_μC₇P_μ· C, P₂P_μPrP_μPSC₂ PiC-Pr C₄P^oC₇ PiC-PrC, C₇P₂PjCrC₇C₄PsC— C, P_μC₇P^oPiC-C—.
 P₂C₇P₂ PiC₇PsPIP_μPrP_μPSPSC- PiC-PrC, C₇P₂PjCrC₇C₄PsC— C, P_μC₇P^oPiC-C—
 C,, C-P»PiC₇P^oC₇C, P₂PjPsPj Cr PrPsP·C- 300 PjPePi PSP^o PrPsP_±Cr P·P^o
 PiP_μC₇P_μC₇P₂PiC₄P^oC₇C, PsC₇ C₇C...P_μPjPsC₇ PjPsP_μP»P₂PiC- P·PSP^oC₄PSC-
 PePsP»P₂PIP^oPSPSC₄ PeC-P»CH₂PePsC₇C, C- PSP_μPN₂C, C₇PsC,, C-P»C-PI. P—
 CrC₇P^oC...CrPIP^oPSPSC₄Pj PePsP»P₂PIP^oPSPSC₄ P·PSP^oC₄P_μPSC₂ P^oP_±C₇PsP»C₇C, PSPsPiPs
 PeC-P»CH₂PePsC₇C, C- PSP_μPN₂C, C₇PsC,, C-P»C-PI, PrP»C₄ PIP₂P·PSP^oC₄P_μPSPSC₄
 PrC-PN₂C₇PSPsPiPs PSP^oPN₂PSP₂P_μC₄PsPiPs C₇C-PIPSC₄ P^oP_±C₇PsP»C₇C, PSPsC—
 PeC-P»CH₂PePsC₇C, C- PSP_μPN₂C, C₇PsC,, C-P»C-PI P·P^oP_±C-C₇ PeC₇PsPIC- PrP»C₄
 PIP₂P·PSP^oC₄P_μPSPSC₄ P^oP_±C₇PsP»C₇C, PSPsC— PeC-P»CH₂PePsC₇C, C-
 PSP_μPN₂C, C₇PsC,, C-P»C-PI PSP_μPsP_±C...C-PrPSPs PiC₇PsPIPsPrP₂C, P₂
 P_±P_μP·PiPsC₇P_μC₇P_μPrPSC₂Ps PiP_μC₇P_μPr PIP_μPrP_μPSPSC₄Pj PSP^oC₇C, CrPiPSPsC—
 PrPsP·P₂ PiC₇P_μPiP^oC₇P^oC, Cr.

PŸPïP»PµPSPsPjPµPiP°P»C-CŰ C”

P±PµP·PïPsCÍPµCĤPµPṽPSC-Pj
PµC,,PµPεC,PsPj C,PµCĤP°PïC-C—
PïCĤPµPïP°CĤP°C,P°PjPë
C,,C-P»PiCĤP°CÍC,PëPjCÍ. PJ 31 %
PïP°C†C-C”PSC,C-PI, CŰPεC-
PsC,CĤPëPjCÍPIP°P»Pë
P»C-PεCÍPIP°PSPSCŰ
C,,C-P»PiCĤP°CÍC,PëPjPsPj CÍ
PεP»C-PSC-C‡PSPëC...
PṽPsCÍP»C-PṽP¶PµPSPSCŰC...,
PIPëCŰPIP»CŰP»P°CÍCŰ
CÍPïP»PµPSPsPjPµPiP°P»C-CŰ PïCĤPë
PïP°P»CHPïP°C†C-C—.
P—P±C-P»CHC€PµPSPSCŰ
CĤPsP·PjC-CĤC-PI CÍPµP»PµP·C-PSPεPë
P·P° PṽP°PSPëPjPë
CĤPµPSC,PiPµPSPsPiCĤP°C,,C-C—
PIPëCŰPIP»CŰP»PsCÍCŰ CĤP°PSPs PïCĤPë
P»C-PεCÍPIP°PSPSC-
C,,C-P»PiCĤP°CÍC,PëPjPsPj C- PjP°P»Ps
C,PµPSPṽPµPSC†C-CĤ PṽPs
CÍC,P°P±C-P»C-P·P°C†C-C—.

$P-PSP\ddot{P}\P P_{\mu}PSPSC\downarrow P_{\Gamma}PsP\cdot P\ddot{e}$
 $P\ddot{i}C_{\downarrow}P\ddot{e}P\cdot PIPsP_{\Gamma}P\ddot{e}P\rangle Ps P_{\Gamma}Ps$
 $C\acute{\Gamma}P\ddot{i}PsPIC-P\rangle CH\backslash PSP_{\mu}PSPSC\downarrow P^{\circ}P\pm Ps$
 $P\cdot C\acute{\Gamma}P\ddot{i}P\ddot{e}PSP\epsilon P\ddot{e}$
 $P\ddot{i}C_{\downarrow}PsPiC_{\downarrow}P_{\mu}C\acute{\Gamma}C\acute{\Gamma}PIP^{\circ}PSPSC\downarrow$
 $P\cdot P\pm C-P\rangle CH\backslash C\epsilon P_{\mu}PSPSC\downarrow$
 $C\acute{\Gamma}P_{\mu}P\rangle P_{\mu}P\cdot C-PSP\epsilon P\ddot{e}.$
 $P_{\downarrow}C_{\downarrow}PsPIP_{\mu}P_{\Gamma}P_{\mu}PSPSC\downarrow$
 $C\acute{\Gamma}P\ddot{i}P\rangle P_{\mu}PSP_{\mu}P\epsilon C,PsPjC-C- P\pm C\acute{\Gamma}P\rangle Ps$
 $P\ddot{i}PsC,C_{\downarrow}C-P\pm PSPs \ 3 \ \% \ P\ddot{i}P^{\circ}C\uparrow C-C''PSC,C-PI.$
 $P \ P_{\mu}P\epsilon PsPjP_{\mu}PSP_{\Gamma}C\acute{\Gamma}C''C,CH\backslash C\acute{\Gamma}C\downarrow$
 $C_{\downarrow}P_{\mu}PiC\acute{\Gamma}P\rangle C\downarrow C_{\downarrow}PSP_{\mu}$
 $PIP\ddot{e}P\cdot PSP^{\circ}C\ddagger P_{\mu}PSPSC\downarrow C_{\downarrow}PsP\cdot PjC-C_{\downarrow}C-PI$
 $C\acute{\Gamma}P_{\mu}P\rangle P_{\mu}P\cdot C-PSP\epsilon P\ddot{e}. P \ PsP\cdot PjC-C_{\downarrow}P\ddot{e}$
 $C\acute{\Gamma}P_{\mu}P\rangle P_{\mu}P\cdot C-PSP\epsilon P\ddot{e} \ C\acute{\Gamma}P\rangle C-P_{\Gamma}$
 $P\epsilon PsPSC,C_{\downarrow}PsP\rangle CH\backslash PIP^{\circ}C,P\ddot{e}$
 $C_{\downarrow}P_{\mu}PiC\acute{\Gamma}P\rangle C\downarrow C_{\downarrow}PSPs \ C\epsilon P\rangle C\downarrow C...PsPj$
 $P^{\circ}P\pm P_{\Gamma}PsPjC-PSP^{\circ}P\rangle CH\backslash PSPsC-$
 $P\ddot{i}P^{\circ}P\rangle CH\backslash P\ddot{i}P^{\circ}C\uparrow C-C-.$

$Pj \ PSP_{\mu}PIP_{\mu}P\rangle P\ddot{e}P\epsilon PsC-$
 $P\epsilon C-P\rangle CH\backslash P\epsilon PsC\acute{\Gamma}C,C- C...PIPsC_{\downarrow}P\ddot{e}C...$
 $C\acute{\Gamma}P\ddot{i}PsC\acute{\Gamma}C,P_{\mu}C_{\downarrow}C-PiP^{\circ}P\rangle P\ddot{e}C\acute{\Gamma}C\downarrow$
 $PiP_{\mu}PjP^{\circ}C,C\acute{\Gamma}C_{\downarrow}C-C\downarrow/P\ddot{i}C_{\downarrow}PsC,P_{\mu}C-PSC\acute{\Gamma}C$

[illegible]

PiCḥPëP·PSP°C‡P°C,Pë
C,,C-P»PiCḥP°CÍC,PëPj C,P°PεPëPj
PïP°C†C-C”PSC,P°Pj C- CḥPμC,PμP»CḤPSPs
PjPsPSC-C,PsCḥCÍPIP°C,Pë
PIC-PḡPïPsPIC-PḡPSC-
P»P°P±PsCḥP°C,PsCḥPSC-
PïP°CḥP°PjPμC,CḥPë C,P°
PïP°Pjвḥ™CЦC,P°C,Pë PiCḥPs
PjPsP¶P»PëPIPëPN₂ P·PI'CЦP·PsPε C-P·
PIPëPSPëPεPSPμPSPSCЦPj
CÍPïP»PμPSPsPjPμPiP°P»C-C— C-
PIP°P·PsPsPεP»CḥP·PëPIPSPëC...
PεCḥPëP·C-PI.

PḥPïPëCÍP°PSC- PIPëPïP°PḡPεPë
CÍPμCḥPïPsPIPëPḡPSPsPεP»C-C,PëPSPSPëC
... PεCḥPëP·C-PI PSP° C,P»C-
PiCḥPëPN₂PsPjCÍ C,,C-P»PiCḥP°CÍC,PëPjCÍ,
PḡPμCЦPεC- вḥ“ P· P»PμC,P°P»CḤPSPëPj
PSP°CÍP»C-PḡPεPsPj. PŷPsPjCÍ
PSPμPsP±C...C-PḡPSPs
PḡPsC,CḥPëPjCÍPIP°C,PëCÍCЦ
PsP±PμCḥPμP¶PSPsCÍC,C- PiCḥPë
PiCḥPëP·PSP°C‡PμPSPSC-

**C,,C-P»PiCḡP°CÍC,PëPjCÍ
 PïP°C†C-C" PSC,P°Pj C-P.
 CÍPµCḡPïPsPIPëPḡPSPsPεP»C-C,PëPSPSPsC
 ḡ P°PSPµPjC-C" Cḡ, CḡPµC,PµP»CḡPSPs
 PsC†C-PSPëPIC€Pë PεPsCḡPëCÍC,Cḡ C-
 PjPsP¶P»PëPIC- CḡPëP·PëPεPë.**

PIPIPsCḡPëPj P· PsCÍC,PµPsPiPsCḡPsP·PsPj C- CÍCÍPiCÍC,PSCHPsCḡ PïP°C,PsP»PsPiC-C" Cḡ
 PeC-CÍC,PsPe, C¶PeC- PsPrPµCḡP¶CÍCḡC,Cḡ P±PµP·PiPµCḡPµCḡPIPSPµ
 P»C-PeCÍPIP°PSPSC¶ C,,C-P»PiCḡP°CÍC,PëPjPsPj PiCḡPsC,C¶PiPsPj 6 PjC-CÍC¶C†C-PI C-
 P±C-P»CḡC€Pµ, PiPsPeP°P·P°PSPµ PiCḡPsPIPµPrPµPSPSC¶ PePsPSC,CḡPsP»Cḡ P·P°
 C%oC-P»CḡPSC-CÍC,Cḡ PeC-CÍC,PePsPIPsC— CḡPµC†PsPIPëPSPë.

P>C-PeP°CḡCÍCḡPePëPNë P·P°CÍC-P± PiCḡP°PeC,PëC†PSPs PSPµ PjC-CÍC,PëC,Cḡ
 PSP°C,CḡC-Cḡ.

PïPeC%oPs CÍ P·P°CÍ PICÍC,P°PSPsPIP»PµPSP° PSPµPiPµCḡPµPSPsCÍPëPjC-CÍC,Cḡ
 PrPµC¶PePëC... C†CÍPeCḡC-PI, PiCḡPsPePsPSCÍCÍP»CḡC,CÍPNëC,PµCÍC¶ P· P»C-PeP°CḡPµPj,
 PiPµCḡC€ PSC-P¶ PiCḡPëPNëPjP°C,Pë C†PµPNë P»C-PeP°CḡCÍCḡPePëPNë P·P°CÍC-P±.

**P—P°CÍC,PsCÍC¿PIP°PSPSC¶ C¿ PiPµCḡC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
 PiPsPrC¿PIP°PSPSC¶ PiCḡC¿PrPrCḡ.** P·PµP·PiPµPeP° P·P°CÍC,PsCÍCÍPIP°PSPSC¶
 C,,C-P»PiCḡP°CÍC,PëPjCÍ CÍ PiPµCḡC-PsPr PIP°PiC-C,PSPsCÍC,C- PSPµ
 PICÍC,P°PSPsPIP»PµPSP°. PkPµ CḡPµPePsPjPµPSPPrPsPIP°PSPs P·P°CÍC,PsCÍCÍPICÍPIP°C,Pë CÍ
 PiPµCḡC-PsPr PIP°PiC-C,PSPsCÍC,C-. PkPµPIC-PrPsPjPs, C†Pë PiCḡPsPSPëPeP°C"
 C,,C-P»PiCḡP°CÍC,PëPj CÍ PiCḡCÍPrPSPµ PjPsP»PsPePs, C,PsPjCÍ P·P°CÍC,PsCÍCÍPICÍPIP°C,Pë
 PNëPsPiPs CÍ PiPµCḡC-PsPr PiPsPrCÍPIP°PSPSC¶ PiCḡCÍPrPrCḡ PSPµ
 CḡPµPePsPjPµPSPPrCÍC",CḡCÍC¶.

**P—PrP°C,PSC-CÍC,Cḡ PIPïP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,Cḡ
 CḡPµP°PeC†C-C— PiCḡPë PePµCḡC¿PIP°PSPSC-
 P°PIC,PsC,CḡP°PSCÍPiPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
 PjPµC...P°PSC-P·PjP°PjPë.** PkPµ PrPsCÍP»C-PrP¶CÍPIP°P»P°CÍC¶.

PŸPiPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSC¶ C,P° PrPsP·Pë.

PµCḡPë PiCḡPsPIPµPrPµPSPSC- C†PëC,PsC,PsPeCÍPëC†PSPsC—
 C...C-PjC-PsC,PµCḡP°PiC-C— P·P° CÍC,P°PSPPrP°CḡC,PSPëPjPë CÍC...PµPjP°PjPë
 PiCḡPµPiP°CḡP°C, PiCḡPëP·PSP°C†P°C,Pë PiPs 0,5 PjP»PS PḡPḡ (5 PjPePi) PSP° 1 PePi

PjP°CÍPë C,C-P»P° 1 CĤP°P· PSP° PrPsP±Cř PĭC-PrC€PeC-CĤPSPs P°P±Ps
C€P»CĬC...PsPj PIPSCřC,CĤC-C€PSCĤPsPIPµPSPSPsPiPs PIPIPµPrPµPSPSCĬ.

PµCĤPë PjC-C''P»PsP°P±P»P°C,PëPIPSC-PNë C,PµCĤP°PĭC-C— P· PĭPsPrP°P»CHC€PsCĤ
C,CĤP°PSCřPĭP»P°PSC,P°C†C-C''CĤ PeC-CřC,PePsPIPsPiPs PjPsP·PeCř PĭPsC†P°C,PePsPICř
PrPsP·Cř PĭCĤPµPĭP°CĤP°C,Cř C,,C-P»PiCĤP°CřC,PëPj 1 PjP»PS PĤPh (10 PjPePi) PSP° 1
PePi PjP°CÍPë C,C-P»P° PSP° PrPsP±Cř PIPIPsPrPëC,Pë
PIPSCřC,CĤC-C€PSCĤPsPIPµPSPSPs PeCĤP°PĭP»PëPSPSPs PĭCĤPsC,CĬPiPsPj 30
C...PIPëP»PëPS P°P±Ps C€P»CĬC...PsPj P±PµP·PĭPµCĤPµCĤPIPSPsC—
PIPSCřC,CĤC-C€PSCĤPsPIPµPSPSPsC— C-PSC,,CřP·C-C— PĭCĤPsC,CĬPiPsPj
24 PiPsPrPëPS, P°P±Ps PĭC-PrC€PeC-CĤPSPs.

PµPµCĤPµPr PIPSCřC,CĤC-C€PSCĤPsPIPµPSPSPëPj PIPIPµPrPµPSPSCĬPj PĭCĤPµPĭP°CĤP°C,
CĤPsP·C†PëPSPëC,Pë Cř 20 PjP» 5 % CĤPsP·C†PëPSCř PĭP»CĤPePsP·Pë; PĭPµCĤC€Cř PrPsP·Cř
PIPIPsPrPëC,Pë PSPµ CĤP°PSC-C€Pµ PSC-P¶ C†PµCĤPµP· 24 PiPsPrPëPSPë PĭC-CřP»CĬ
PĭCĤPsPIPµPrPµPSPSCĬ C†PëC,PsC,PsPeCřPëC†PSPsC— C,PµCĤP°PĭC-C— P°P±Ps
PĭPµCĤPµCřP°PrPePëB PeC-CřC,PePsPIPsPiPs PjPsP·PeCř.

PαC-P»PiCĤP°CřC,PëPj PIPIPsPrCĬC,CH C%PsPrPSCĬ, PĭPsPePë PeC-P»CHPeC-CřC,CH
PSPµPNëC,CĤPsC,,C-P»CHPSPëC... PiCĤP°PSCřP»PsC†PëC,C-PI PSPµ PrPsCřCĬPiPSPµ
PsC†C-PeCřPIP°PSPëC... PjC-PSC-PjP°P»CHPSPëC... P·PSP°C†PµPSCĤ, P° PĭPsC,C-Pj C-
PSPsCĤPjPë. PÿCĤPëPIP°P»C-CřC,CH P»C-PeCřPIP°PSPSCĬ PjPsP¶Pµ CřC,P°PSPsPIPëC,Pë PrPs
14 PrPSC-PI P·P°P»PµP¶PSPs PIC-Pr C,PëPĭCř PrPsP· C- CřC...PµPjPë
C†PëC,PsC,PsPeCřPëC†PSPsC— C...C-PjC-PsC,PµCĤP°PĭC-C—.

PķP° C,P»C- PĭCĤPsPIPµPrPµPSPsC— C†PëC,PsC,PsPeCřPëC†PSPsC—
C...C-PjC-PsC,PµCĤP°PĭC-C— PSP°P±CřC,Pµ P·P±C-P»CHC€PµPSPSCĬ
PeC-P»CHPePsCřC,C- PSPµPNëC,CĤPsC,,C-P»CHPSPëC... PiCĤP°PSCřP»PsC†PëC,C-PI
CřPĭPsCřC,PµCĤC-PĭP°C''C,CHCřCĬ P·P°P·PIPëC†P°PNë C†PµCĤPµP· 1BĤ"2 PrPSC-
PĭC-CřP»CĬ PĭPsC†P°C,PeCř P»C-PeCřPIP°PSPSCĬ C,,C-P»PiCĤP°CřC,PëPjPsPj. PķPµ
CĤPµPePsPjPµPSPPrCřC''C,CHCřCĬ PIC-PrPjC-PSCĬC,Pë PĭCĤPµPĭP°CĤP°C, PrPs
PrPsCřCĬPiPSPµPSPSCĬ PSPµPsP±C...C-PrPSPsPiPs PjC-PSC-PjP°P»CHPSPsPiPs
P·PSP°C†PµPSPSCĬ PeC-P»CHPePsCřC,C- PSPµPNëC,CĤPsC,,C-P»CHPSPëC...
PiCĤP°PSCřP»PsC†PëC,C-PI.

PµC-CřP»CĬ PjP°PeCřPëPjP°P»CHPSPsPiPs P·PjPµPSC€PµPSPSCĬ
PeC-P»CHPePsCřC,C- PSPµPNëC,CĤPsC,,C-P»CHPSPëC... PiCĤP°PSCřP»PsC†PëC,C-PI
PrPsP±PsPICř PrPsP·Cř CřP»C-Pr PIC-PrPePsCĤPëPiCřPIP°C,Pë P·
CřCĤP°C...CřPIP°PSPSCĬPj PrPëPSP°PjC-PePë C—C... PeC-P»CHPePsCřC,C-:
CĬPeC%Ps PeC-P»CHPeC-CřC,CH PSPµPNëC,CĤPsC,,C-P»CHPSPëC...
PiCĤP°PSCřP»PsC†PëC,C-PI PĭPµCĤPµPIPëC%CřC'' 1000 Cř 1 PjPj³ B PĭCĤPsC,CĬPiPsPj 3
PrPSC-PI PĭC-PrCĤCĬPr, PrPsP·Cř PĭCĤPµPĭP°CĤP°C,Cř CřP»C-Pr P·PSPëP¶CřPIP°C,Pë
PrPs 0,5 PjP»PS PĤPh (5 PjPePi)/PePi PSP° PrPsP±Cř; PĭPsC,C-Pj, CĬPeC%Ps
P°P±CřPsP»CĤC,PSP° PeC-P»CHPeC-CřC,CH PSPµPNëC,CĤPsC,,C-P»CHPSPëC...
PiCĤP°PSCřP»PsC†PëC,C-PI PĭPµCĤPµPIPëC%CřC'' 1000 Cř 1 PjPj³ B C,P°PePsP¶
PĭCĤPsC,CĬPiPsPj 3 PrPSC-PI, PĭCĤPµPĭP°CĤP°C, CřP»C-Pr PIC-PrPjC-PSPëC,Pë.
PĭPeC%Ps Cř PĭCĤPsC†PµCřC- P»C-PeCřPIP°PSPSCĬ P°P±CřPsP»CĤC,PSP°
PeC-P»CHPeC-CřC,CH PSPµPNëC,CĤPsC,,C-P»CHPSPëC... PiCĤP°PSCřP»PsC†PëC,C-PI
P·PSPëP¶CřC''C,CHCřCĬ <1000 PI 1 PjPj³, PrPsP·Cř PĭCĤPµPĭP°CĤP°C,Cř

PiPsC,CTHC-P±PSPs PiC-PrPIPeC%oPeC,Pe P·PSPsPICr PIC-PrPiPsPIC-PrPSPs PrPs
PiCTHPePIPMPrPμPSPsC— CΓC...PμPjPe.

PμCTHPe C,CΠP¶PeC-PNε PICTPsPrP¶PμPSC-PNε PSPμPNεC,CTHPsPiPμPSC-C—
C„C-P»PiCTHP°CΓC,PePj PIIPsPrPeC,Pe Cr PiPsC±P°C,PePsPIC-PNε PrPsP·C- 1,2 PjP»PS
PμPh (12 PjPePi)/PePi PSP° PrPsP±Cr PiC-PrCεPeC-CTHPSPs P°P±Ps
CTHPsP·PiPsPrC-P»CΠC,Pe PrPsP±PsPICr PrPsP·Cr PSP° PrPμPeC-P»CHPeP°
PIIPμPrPμPSCH.

PμCTHPe C,CΠP¶PeC-PNε C...CTHPsPSC-C±PSC-PNε P°P±Ps PiPμCTHC-PsPrPeC±PSC-PNε
PSPμPNεC,CTHPsPiPμPSC-C— BTH“ PiPs 0,5 PjP»PS PμPh (5 PjPePi)/PePi PSP° PrPsP±Cr
PiC-PrCεPeC-CTHPSPs PsPrPSPsCTHP°P·PsPIPs P°P±Ps CTHPsP·PiPsPrC-P»CΠCTHC±Pe PSP°
PrPμPeC-P»CHPeP° PIIPμPrPμPSCH.

PTIPsCTHPePj P· C,CΠP¶PePsCTH C...CTHPsPSC-C±PSPsCTH PSPμPNεC,CTHPsPiPμPSC-C”CTH
C„C-P»PiCTHP°CΓC,PePj CΓP»C-Pr PIIPsPrPeC,Pe C%oPsPrPSCΠ PiC-PrCεPeC-CTHPSPs,
PiPsPePe PeC-P»CHPeC-CΓC,CH PSPμPNεC,CTHPsC„C-P»CHPSPeC...
PiCTHP°PSCrP»PsC±PeC,C-PI PSPμ P±CrPrPμ CΓC,P°P±C-P»CHPSPs
PiPμCTHPμPIPeC%oCrPIP°C,Pe 1500 Cr 1 PjPj³. PμC-CΓP»CΠ PrPsCΓCΠPiPSPμPSPSCΠ
C,PμCTHP°PiPμPIC,PeC±PSPsPiPs PμC„PμPeC,Cr CΓP»C-Pr PIPeP·PSP°C±P°C,Pe
PμC„PμPeC,PePIPSCr PjC-PSC-PjP°P»CHPSCr PiC-PrC,CTHPePjCrCTHC±Cr PrPsP·Cr.
P”P»CΠ PiC-PrC,CTHPePjPePe PSPμPsP±C...C-PrPSPsC— PeC-P»CHPePsCΓC,C-
PSPμPNεC,CTHPsC„C-P»CHPSPeC... PiCTHP°PSCrP»PsC±PeC,C-PI PiPsC,CTHC-P±PSPμ
C,CTHPePIP°P»Pμ C%oPsPrPμPSPSPμ PIIPμPrPμPSPSCΠ PiCTHPμPiP°CTHP°C,Cr.
PSPμCTHPμP· 1BTH“2 C,PeP¶PSC- P»C-PeCrPIP°PSPSCΠ PiPsC±P°C,PePsPICr PrPsP·Cr
PjPsP¶PSP° PiPsPrPIPsC—C,Pe P°P±Ps PSP°PiPsP»PsPIPePSCr P·PjPμPSCεPeC,Pe
P·P°P»PμP¶PSPs PIC-Pr CTHPμP°PeC±C-C— C...PIPsCTHPsPiPs PSP° C,PμCTHP°PiC-CTH. Pj
PiPsPrP°P»CHCεPsPjCr PePsP¶PSC- 1-2 C,PeP¶PSC- PjPsP¶PSP° PiCTHPsPIPsPrPeC,Pe
C-PSPPrPePIC-PrCrP°P»CHPSCr PePsCTHPμPeC±C-CTH PrPsP·Pe PrP»CΠ
PiC-PrC,CTHPePjPePe CΓPμCTHPμPrPSCHPSC— PeC-P»CHPePsCΓC,C-
PSPμPNεC,CTHPsC„C-P»CHPSPeC... PiCTHP°PSCrP»PsC±PeC,C-PI Cr PrC-P°PiP°P·PsPSC-
1500BTH“10000 PI 1 PjPj³. P”P»CΠ C...PIPsCTHPeC... C-P· PIP°P¶PePePjPe
C-PSC„PμPeC±C-CΠPjPe PjPsP¶PSP° P·P°CΓC,PsCΓPsPICrPIP°C,Pe CΓC...PμPjCr P·
P±C-P»CHCε CεPIPePrPePePj PiC-PrPIPeC%oPμPSPSCΠPj PrPsP·Pe.

P PsP·PIPμPrPμPSC- CTHPsP·C±PePSPe PiCTHPμPiP°CTHP°C,Cr PiC-CΓP»CΠ
PiCTHPePiPsC,CrPIP°PSPSCΠ PiPsC,CTHC-P±PSPs P·P±PμCTHC-PiP°C,Pe PI
C...PsP»PsPrPeP»CHPSPePeCr PiCTHPe C,PμPjPiPμCTHP°C,CrCTHC- 2BTH“8 B°PŸ PSPμ
P±C-P»CHCεPμ 24 PiPsPrPePS.

P”C-C,Pē. P—P°CΓC,PsCΓPsPICrPIP°C,Pe PrC-C,CΠPj PIC-PePsPj PIC-Pr 2 CTHPsPeC-PI
PiCTHPe C,PμCTHP°PiC-C—, C%oPs CΓPiCTHCΠPjPsPIP°PSP° PSP° P·P±C-P»CHCεPμPSPSCΠ
PeC-P»CHPePsCΓC,C- PSPμPNεC,CTHPsC„C-P»CHPSPeC... PiCTHP°PSCrP»PsC±PeC,C-PI, PrP»CΠ
P·PSPeP¶PμPSPSCΠ C±P°CΓC,PsC,Pe C- PrP»CΠ CΓPePsCTHPsC±PμPSPSCΠ
C,CTHPePIP°P»PsCΓC,C- C-PSC„PμPeC±C-PNεPSPeC... CrCΓPeP»P°PrPSPμPSCH Cr PrC-C,PμPNε P·
C,CΠP¶PePsCTH PICTPsPrP¶PμPSPsCTH, PiPμCTHC-PsPrPeC±PSPsCTH P°P±Ps

P·P»PSCIPeC-CÍPSPsCĤ PSPμPNεC,CĤPsPİPμPSC-C"Ĥ (P°P±CÍPSP»CĤC,PSP°
PeC-P»CHPeC-CÍC,CH PSPμPNεC,CĤPsC,,C-P»CHPSPëC... PiCĤP°PSCrP»PsC†PëC,C-PI <500 Cr
1 PjPj³) C,P° P· C,CİP¶PePëPjPë P°P±Ps CĤPμC†PëPrPëPICrCĤC†PëPjPë C-PSC,,PμPeC†C-CİPjPë
PI P°PSP°PjPSPμP·C-.

PμPμCĤPμPrPsP·CáPIP°PSPSCİ. P·C,,PμPeC,C-PI, PİPsPIbĤ™ CİP·P°PSPëC... C-P·
PİPμCĤPμPrPsP·CÍPIP°PSPSCİPj C,,C-P»PiCĤP°CÍC,PëPjCr, PICÍC,P°PSPsPIP»PμPSPs PSPμ
P±CÍP»Ps.

Pj PİP°C†C-C"PSC,C-PI P· C,CİP¶PePsCĤ C...CĤPsPSC-C†PSPsCĤ
PSPμPNεC,CĤPsPİPμPSC-C"Ĥ PİCĤPë P·P°CÍC,PsCÍCrPIP°PSPSC-
C,,C-P»PiCĤP°CÍC,PëPjCr Cr PrPsP·P°C..., CİPeC- PİPμCĤPμPIPëC%CrPIP°P»Pë 14,5
PjP»PS PĤPĤ (145 PjPePi)/PePi PjP°CÍPë C,C-P»P° PSP° PrPsP±CÍ, CÍPëPjPİC,PsPjPë
PİPμCĤPμPrPsP·CÍPIP°PSPSCİ PSPμ CÍPİPsCÍC,PμCĤC-PİP°P»PëCÍCİ.

PμCĤPë PİPμCĤPμPrPsP·CÍPIP°PSPSC- PIC-PrPjC-PSP° C,,C-P»PiCĤP°CÍC,PëPjCr
CÍCrPİCĤPsPIPSPrP¶CÍPIP°P»P°CÍCİ P·PSPëP¶PμPSPSCİPj PeC-P»CHPePsCÍC,C-
PSPμPNεC,CĤPsC,,C-P»C-PI PSP° 50 % PİCĤPsC,CİPiPsPj 1bĤ"2 PrPSC-PI C-
PİPsPIPμCĤPSPμPSPSCİPj PrPs PSPsCĤPjPë PİCĤPsC,CİPiPsPj 1bĤ"7 PrPSC-PI.

PμPsP±C-C†PSC- CĤPμP°PeC†C-C—. B

PμP°C†C-C"PSC,Pë P· C,CİP¶PePsCĤ C...CĤPsPSC-C†PSPsCĤ PSPμPNεC,CĤPsPİPμPSC-C"Ĥ

PkP°PNεC†P°CÍC,C-CëPëPjPë PeP»C-PSC-C†PSPëPjPë PSPμP±P°P¶P°PSPëPjPë CİPIPëC%P°PjPë
P±CÍP»Pë P±C-P»CH Cr PeC-CÍC,PeP°C... C- P·P°PİP°P»CHPSPëPNε PjbĤ™ CİP·PsPIPëPNε
P±C-P»CH. PşP°CÍC,PsC,P° C†PëC... PİPsP±C-C†PSPëC... CĤPμP°PeC†C-PNε PİCĤPë
P·P°CÍC,PsCÍCrPIP°PSPSC- C,,C-P»PiCĤP°CÍC,PëPjCr P· C†P°CÍPsPj
P·PjPμPSC€CrC"C,CHCÍCİ. PÿP°PePsP¶ CÍPİPsCÍC,PμCĤC-PİP°P»P°CÍCİ
CÍPİP»PμPSPsPjPμPİP°P»C-Cİ, CİPeP° P·P°P·PIPëC†P°PNε PSPμ PİCĤPsPiCĤPμCÍCrC", C,P°
C,CĤPsPjP±PsC†PëC,PsPİPμPSC-Cİ. PμCĤPs PİPsP»PsPIPSPëPNε P±C-P»CH C- PrC-P°CĤPμCĤ
PİPsPIC-PrPsPjP»CİP»PsCÍCİ PSPμPIPPrPsPIP·C- PİC-CÍP»Cİ PİPsC†P°C,PeCr C,PμCĤP°PİC-C—
C,,C-P»PiCĤP°CÍC,PëPjPsPj, P·P°P·PIPëC†P°PNε Cr PjPμPSC€ PSC-P¶ 10 % PİP°C†C-C"PSC,C-PI.
PÿP°PePsP¶ PİPsPIC-PrPsPjP»CİP»PsCÍCİ PİCĤPs P°PSPμPjC-CĤ C- PSPsCÍPsPICr
PeCĤPsPIPsC,PμC†Cr P· C,P°PePsCĤ P¶ C†P°CÍC,PsC,PsCĤ PİPëPSPëPePSPμPSPSCİ, P°P»Pμ
P»PëCëPμ PİCĤPë PrPsPİPiPsC,CĤPëPIP°P»PsPjCr P»C-PeCrPIP°PSPSC-.
PμPsPIC-PrPsPjP»CİP»PsCÍCİ PİCĤPs C,CĤP°PSP·PëC,PsCĤPSPμ P·P±C-P»CHCëPμPSPSCİ
PePsPSC†PμPSC,CĤP°C†C-C— CÍPμC†PsPIPsC— PePëCÍP»PsC,Pë, P°PeC,PëPSPsCÍC,C-
P»P°PeC,P°C,PrPμPİC-PrCĤPsPİPμPSP°P·Pë C- P»CrP¶PSPsC— C,,PsCÍC,,P°C,P°P·Pë PI
CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC- P±PμP· PeP»C-PSC-C†PSPëC... CÍPëPjPİC,PsPjC-PI, P°
C,P°PePsP¶ PİCĤPs C,CĤP°PSP·PëC,PsCĤPSCr PİPsPjC-CĤPSCr PİC-PİPsPİP»C-PePμPjC-CĤ.
PμPsP±C-C†PSC- CĤPμP°PeC†C-C—, PjPsP¶P»PëPİPs PİPsPIbĤ™ CİP·P°PSC- P·
C,PμCĤP°PİC-C"Ĥ C,,C-P»PiCĤP°CÍC,PëPjPsPj, P·P°P·PIPëC†P°PNε PİPëPSPëPeP°P»Pë Cr
PjPμPSC€ PSC-P¶ 2 % PİP°C†C-C"PSC,C-PI P· C,CİP¶PePsCĤ C...CĤPsPSC-C†PSPsCĤ
PSPμPNεC,CĤPsPİPμPSC-C"Ĥ: CĤPμP°PeC†C-C— Cr PjC-CÍC†C- PİPİPμPrPμPSPSCİ,
PİPsP»PsPIPSPëPNε P±C-P»CH, PİPμPİP°C,PsPjPμPİP°P»C-Cİ, P°CĤC,CĤP°P»PİC-Cİ,
P°P»PsPİPμC†C-Cİ C,P° CëPeC-CĤPSC- PİPëCÍPëPİP°PSPSCİ.

PJ PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C... PSP°PN₂C‡P°CÍC,C-CëPëPjPë
 PìPsP±C-C‡PSPëPjPë C¶PµP°PeC†C-C¶PjPë, PìPsPIb¶™ C¶P·P°PSPëPjPë C-P·
 P·P°CÍC,PsCÍCÍPIP°PSPSC¶Pj P»C-PeP°C¶CÍCHPePsPiPs P·P°CÍPsP±CÍ Cr
 C¶PµPePsPjPµPSPPrPsPIP°PSPëC... PrPsP·P°C..., P±CÍP»Pë CÍP»P°P±PePëPN₂, PìPsPjC-C¶PSPëPN₂
 P°P±Ps C,C¶P¶PePëPN₂ CÍPePµP»PµC,PSPs-Pjб¶™ C¶P·PsPIPëPN₂ P±C-P»CH.
 PŸPePµP»PµC,PSPs-Pjб¶™ C¶P·PsPIPëPN₂ P±C-P»CH P·P°PiP°P»PsPj
 PePsPSC,C¶PsP»C¶C”C,CHCÍC¶ P·PIPëC‡P°PN₂PSPëPjPë P°PSP°P»PiPµC,PëPeP°PjPë. P¶PµPSCë
 C‡P°CÍC,PëPjPë PìPsP±C-C‡PSPëPjPë C¶PµP°PeC†C-C¶PjPë P±CÍP»Pë PìPsC¶CÍCëPµPSPSC¶
 CÍPµC‡PsPIPëPìCÍCÍPeP°PSPSC¶, PrPëP·CÍC¶C-C¶P»PuPiPePsPiPs C- PìPsPjC-C¶PSPsPiPs

$\text{P}_{\mu}\text{P}\text{S}\pm\text{C}-\text{C}\ddagger\text{PSC}-\text{C}\ddagger\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-, \text{C}\%_{\text{O}}\text{Ps}\text{C}\acute{\text{I}}\text{P}\text{i}\text{P}\text{sC}\acute{\text{I}}\text{C}, \text{P}_{\mu}\text{C}\ddagger\text{C}-\text{P}\text{iP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{C}\ddot{\text{I}}\text{C}\text{C}\acute{\text{r}}$
 $\text{C}...\text{P}\text{IP}\text{sC}\ddagger\text{P}\ddot{\text{e}}\text{C}..., \text{C}\ddot{\text{I}}\text{P}\text{eC}-\text{P}\text{sC}, \text{C}\ddagger\text{P}\ddot{\text{e}}\text{P}\text{jC}\acute{\text{r}}\text{P}\text{IP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{C}...\text{C}-\text{P}\text{jC}-\text{P}\text{sC}, \text{P}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{C}-\text{C}\ddagger\text{P}\cdot/\text{P}\pm\text{P}_{\mu}\text{P}\cdot$
 $\text{P}^{\circ}\text{P}\text{r}\text{b}\ddot{\text{T}}^{\text{TM}}\text{C}\ddagger\text{P}\text{IP}^{\circ}\text{PSC}, \text{PSP}\text{S}\text{C}-\text{C}, \text{P}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{P}\ddot{\text{I}}\text{C}-\text{C}-\text{C}_{,,}\text{C}-\text{P}\gg\text{P}\text{iC}\ddagger\text{P}^{\circ}\text{C}\acute{\text{I}}\text{C}, \text{P}\ddot{\text{e}}\text{P}\text{jP}\text{sP}\text{j}: \text{PSC}\acute{\text{r}}\text{P}\text{rP}\text{sC}, \text{P}^{\circ},$
 $\text{P}\pm\text{P}\gg\text{C}\ddagger\text{P}\text{IP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{C}, \text{P}^{\circ}\text{P}\gg\text{P}\text{sP}\text{iP}_{\mu}\text{C}\ddagger\text{C}-\text{C}\ddot{\text{I}}\text{C}, \text{P}\text{rC}-\text{P}^{\circ}\text{C}\ddagger\text{P}_{\mu}\text{C}\ddot{\text{I}}\text{C}, \text{C}\acute{\text{I}}\text{P}\gg\text{P}^{\circ}\text{P}\pm\text{P}\text{eC}-\text{C}\acute{\text{I}}\text{C}, \text{C}\text{Hb},$
 $\text{P}^{\circ}\text{PSP}\text{sC}\ddagger\text{P}_{\mu}\text{P}\text{eC}\acute{\text{I}}\text{C}-\text{C}\ddot{\text{I}}\text{C}, \text{P}\text{jC}\acute{\text{r}}\text{P}\text{eP}\text{sP}\cdot\text{P}\ddot{\text{e}}\text{C}_{,,}\text{P}\text{iP}\text{sP}\gg\text{P}\text{sP}\text{IPSP}\ddot{\text{e}}\text{P}\text{N}_{\text{e}}\text{P}\pm\text{C}-\text{P}\gg\text{C}\text{Hb}, \text{P}\text{eP}^{\circ}\text{C}\text{€P}_{\mu}\text{P}\gg\text{C}\text{Hb},$
 $\text{P}\text{IP}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{P}\text{iP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{C}\text{PSP}^{\circ}\text{C}\text{€P}\text{eC}-\text{C}\ddagger\text{C}-, \text{P}\pm\text{C}-\text{P}\gg\text{C}\text{Hb}\text{C}\acute{\text{r}}\text{P}\text{iC}\ddagger\text{C}\acute{\text{r}}\text{P}\text{rPSC}-\text{P}\text{N}_{\text{e}}\text{P}\text{eP}\gg\text{C}-\text{C}, \text{C}\ddagger\text{C}-,$
 $\text{P}\text{iP}_{\mu}\text{PSP}_{\mu}\text{C}\ddagger\text{P}^{\circ}\text{P}\gg\text{C}-\text{P}\cdot\text{P}\text{sP}\text{IP}^{\circ}\text{PSP}^{\circ}\text{C}\acute{\text{I}}\text{P}\gg\text{P}^{\circ}\text{P}\pm\text{P}\text{eC}-\text{C}\acute{\text{I}}\text{C}, \text{C}\text{Hb}, \text{P}^{\circ}\text{PSP}\text{iC}-\text{PSP}^{\circ}, \text{P}\cdot\text{P}^{\circ}\text{P}\text{iP}\text{sC}\ddagger\text{C}-$
 $\text{PSP}_{\mu}\text{C}\acute{\text{r}}\text{C}, \text{P}\text{sC}\ddagger\text{PSP}_{\mu}\text{PSP}\ddot{\text{e}}\text{P}\text{N}_{\text{e}}\text{P}\pm\text{C}-\text{P}\gg\text{C}\text{Hb}.$

[illegible]

PJ PiP°C†C-C" PSC,C-PI, C‡PeC- PsC,C‡PëPjCrPiP°P»Pë C,,C-P»PiC‡P°C†C,PëPj,
PiPsPIC-PrPsPjP»C‡P»PsC†C‡ PiC‡Ps P°P»PµC‡PiC-C‡PSC- C‡PµP°PeC†C-C—, Cr C,PsPjCr
C‡PëC†P»C- P°PSP°C,,C-P»P°PeC†C-C‡, C€PeC-C‡PSC- PIPëC†PëPiP°PSPSC‡,
PeC‡PsPiPëPiB‡™ C‡PSPeCr, P°PSPiC-PsPSPµPIC‡PsC,PëC‡PSPëPNë PSP°P±C‡C‡Pe,
P·P°PrPëC€PeCr C- PiC-PiPsC,PµPSP·C-C‡, C‡PeC- C‡PsP·PIPëPiP°P»PëC†C‡ PSP°
PiPsC‡P°C,PeCr C,PµC‡P°PiC-C— P°P±Ps PiC‡Pë PiPsPrP°P»C‡C€PsPjCr P»C-PeCrPiP°PSPSC-
C,,C-P»PiC‡P°C†C,PëPjPsPj. P' PsPeC‡PµPjPëC... PIPëPiP°PrPeP°C... PiPsPSPsPiP»PµPSPSC‡
P»C-PeCrPiP°PSPSC‡ C†CrPiC‡PsPiPsPrP¶CrPiP°P»PsC†C‡ C‡PµC‡PëPrPëPiPsPj
C†PëPjPiC,PsPjC-PI, C%Ps C†PIC-PrC‡PëC,C‡ PiC‡Ps PSP°C‡PIPSC-C†C,C‡
PiP·P°C" PjPsP·PiB‡™ C‡P·PeCr PjC-P¶ PiC‡PµPiP°C‡P°C,PsPj C- PiPsP±C-C‡PSPsC‡
C‡PµP°PeC†C-C" C‡. PµC‡Pë C‡PsP·PIPëC,PeCr C†PµC‡PNëPsP·PSPëC...
P°P»PµC‡PiC-C‡PSPëC... C‡PµP°PeC†C-PNë C,PµC‡P°PiC-C‡ C,,C-P»PiC‡P°C†C,PëPjPsPj
PSPµPsP±C...C-PrPSPs PiC‡PëPiPëPSPëC,Pë.

P"CrP¶Pµ CḡC-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs CēPeC-CḡPSPēPNē
 PIP°CḡPeCrP»C-C, Cr PīP°C†C-C"PS C,C-PI, CḡPeC- PsC,CḡPēPjCrPIP°P»Pē
 PrPsPIPiPsC,CḡPēPIP°P»Pµ P»C-PeCrPIP°PSPSCḡ. P,, PīPsPIC-PrPsPjP»PµPSPSCḡ PīCḡPs
 PsPeCḡPµPjC- PIPēPīP°PrPePē PīCḡPsC,PµC—PSCḡCḡC-C—/PiPµPjP°C,CḡCḡC-C—.
 PµCḡPēP±P»PēP·PSPs Cr 1/3 PīP°C†C-C"PS C,C-PI CḡPsP·PIPēPSCḡP»P°CḡCḡ P·P°PīP°P»PsPj
 CḡCḡP±PeP»C-PSC-C†PSP° CḡPīP»PµPSPsPjPµPīP°P»C-Cḡ PīCḡPē PrPsPIPiPsC,CḡPēPIP°P»C-PNē
 C,PµCḡP°PīC-C—. PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PīPsPsPrPēPSPsPeC- PIPēPīP°PrPePē
 CḡPēPSPrCḡPsPjCr PŸPIC-C,P° (PīPsCḡC,CḡPēPNē C,,PµP±CḡPēP»CḡPSPēPNē
 PrPµCḡPjP°C,PsP·). PkP° PsCḡPSPsPIC- PSP°CḡPIPSPēC... PrP°PSPēC... PīCḡPēC†PēPSPSPs-
 PSP°CḡP»C-PrPePsPIPēPNē P·PI'CḡP·PsPe C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj
 C,,C-P»PīCḡP°CḡC,PēPjCr PSPµ PICḡC,P°PSPsPIP»PµPSPēPNē. PkPµ PjPsP¶PSP°
 PIPēPeP»CḡC†PēC,Pē PIC-CḡPsPiC-PrPSC-CḡC,Cḡ CḡPsP·PIPēC,PeCr CḡPēPSPrCḡPsPjCr
 PŸPIC-C,P°.

P' PsPeCḡPµPjPēC... PIPēPīP°PrPeP°C... CḡPīPsCḡC,PµCḡC-PiP°P»PsCḡCḡ
 P·P°PīPsCḡC,CḡPµPSPSCḡ CḡPµPIPiPjP°C,PsC—PrPSPsPiPs P°CḡC,CḡPēC,Cḡ.

P C-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PīPsP±C-C†PSC- CḡPµP°PeC†C-C— P·
 P±PsPeCr P»PµPiPµPSC-PI, C-PSPsPrC- P»PµC,P°P»CḡPSC-, Cr C,PsPjCr C†PēCḡP»C-
 C-PSC,PµCḡCḡC,PēC†C-P°P»CḡPSCḡ PīPSPµPIPiPjPsPSC-Cḡ PīCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC-
 C,,C-P»PīCḡP°CḡC,PēPjCr PīC-CḡP»Cḡ C...C-PjC-PsC,PµCḡP°PīC-C—, P·PsPeCḡPµPjP° PīCḡPē
 P·P°CḡC,PsCḡCḡPIP°PSPSC- CḡC...PµPj, CḡPeC- PjC-CḡC,PēP»Pē P±P»PµPsPjC-C†PēPS,
 C...PsC†P° PīCḡPēC†PēPSPSPs-PSP°CḡP»C-PrPePsPIPēPNē P·PI'CḡP·PsPe P·
 P»C-PeCrPIP°PSPSCḡPj PSPµ P±CḡPI PICḡC,P°PSPsPIP»PµPSPēPNē (PrPēPI.
 C-PSCḡC,CḡCḡPeC†C-Cḡ PrP»Cḡ PjPµPrPēC†PSPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
 P±P»PµPsPjC-C†PēPSCḡ).

P C-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPēPSPēPePSPµPSPSCḡ PīPsP±C-C†PSPēC...
 PµC,,PµPeC,C-PI P· P±PsPeCr P»PµPiPµPSC-PI, C,P°PePēC... CḡPe
 C-PSC,PµCḡCḡC,PēC†C-P°P»CḡPSP° PīPSPµPIPiPjPsPSC-Cḡ, PSP°P±CḡCḡPe P»PµPiPµPSC-PI,
 P»PµPiPµPSPµPIC- C-PSC,,C-P»CḡC,CḡP°C,Pē C,P° C,,C-P±CḡPsP· P»PµPiPµPSCḡ, PrPµCḡPeC-
 P· PSPēC... PīCḡPēP·PIPµP»Pē PrPs PrPēC...P°P»CḡPSPsC— PSPµPrPsCḡC,P°C,PSPsCḡC,C-
 P°P±Ps CḡPµCḡPīC-CḡP°C,PsCḡPSPsPiPs PrPēCḡC,CḡPµCḡ-CḡPēPSPrCḡPsPjCr
 PrPsCḡPsCḡP»PēC..., CḡPePēPNē PjPsP¶Pµ PjP°C,Pē P»PµC,P°P»CḡPSPēPNē PSP°CḡP»C-PrPsPe.

P"CrP¶Pµ CḡC-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PīCḡPµPIPrPsPīPsPrP°PīCḡCr Cr
 PīP°C†C-C"PS C,C-PI P·C- P·P»PsCḡPeC-CḡPSPēPjPē PīCḡC...P»PēPSP°PjPē, CḡPeC-
 PsC,CḡPēPjCrPIP°P»Pē P»C-PeCrPIP°PSPSCḡ C,,C-P»PīCḡP°CḡC,PēPjPsPj.

P— P±PsPeCḡ PsP±PjC-PSCḡ CḡPµC†PsPIPēPS C,P° C...P°CḡC†CḡPIP°PSPSCḡ: PrCrP¶Pµ
 C†P°CḡC,Ps: PīC-PrPIPēC%PµPSPSCḡ P°PeC,PēPIPSPsCḡC,C- P»CrP¶PSPsC—
 C,,PsCḡC,,P°C,P°P·Pē (50 %), PīC-PrPIPēC%PµPSPSCḡ P°PeC,PēPIPSPsCḡC,C-
 P»P°PeC,P°C,PrPµPiC-PrCḡPsPiPµPSP°P·Pē (60 %), PīC-PīPµCḡCḡCḡPēPePµPjC-Cḡ (30
 %), PīC-PīPµCḡPiP»C-PePµPjC-Cḡ.

PkPµPICḡPsP»PsPiC-C†PSC- CḡPsP·P»P°PrPē: C†P°CḡC,Ps: PīPsP»PsPIPSPēPNē P±C-P»Cḡ.

P— P±PsPeCḡ CḡCḡPrPēPS: PīPsPsPrPēPSPsPeC-: CḡCḡPrPēPSPSC- CḡPsP·P»P°PrPē,
 PeP°PīC-P»CḡCḡPSPēPNē CḡPēPSPrCḡPsPj, CḡPēPSPrCḡPsPj PīC-PrPIPēC%PµPSPsC—
 PīCḡPsPSPēPePSPsCḡC,C- PeP°PīC-P»CḡCḡC-PI, PsPeP»CḡP·C-Cḡ CḡCḡPrPēPS.

$P - P \pm PsPeC \acute{z} PrP \ddot{e} C \dots P^{\circ} P \gg CH \dot{P}SPsC - \dot{C} \dot{I} \dot{P} \ddot{e} \dot{C} \dot{I} \dot{C}, P_{\mu} P_j P \ddot{e}, PsC \dot{H} P_i P^{\circ} PSC - PI \dot{P} iC \dot{H} C \acute{z} PrPSPsC - PeP \gg C - C, PeP \ddot{e} C, P^{\circ} \dot{C} \dot{I} P_{\mu} C \dot{H} P_{\mu} PrPs \dot{C} \dot{I} \dot{C}, C - PSPSCI: C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: PeP^{\circ} C \epsilon P_{\mu} P \gg CH,$
 $P^{\circ} PSPiC - PSP^{\circ}; \dot{P} \dot{I} PsPsPrP \ddot{e} PSPsPeC -: P \gg P_{\mu} P_i P_{\mu} PSP_{\mu} PIC - C - PSC, C - P \gg CHC, C \dot{H} P^{\circ} C, P \ddot{e};$
 $PSP^{\circ} P \pm C \dot{H} C \dot{I} P_e P \gg P_{\mu} P_i P_{\mu} PSC - PI, C, C - P \pm C \dot{H} PsP \cdot P \gg P_{\mu} P_i P_{\mu} PSC - PI,$
 $C - PSC, P_{\mu} C \dot{H} \dot{C} \dot{I} \dot{C}, P \ddot{e} C \dot{I} C - P^{\circ} P \gg CH \dot{P}SP^{\circ} \dot{P} \dot{I} PSP_{\mu} P_i P_j PsPSC - C \dot{I},$
 $PeC \dot{H} PsPIP sC \dots P^{\circ} C \dot{H} PeP^{\circ} PSPSCI, PePsP \gg P^{\circ} P_i P_{\mu} PSPsPIP^{\circ} C \dots PIPsC \dot{H} PsP \pm P^{\circ},$
 $PiC - \dot{P} \dot{I} PsPe \dot{C} \dot{I} \dot{C} - C \dot{I}.$

$P - P \pm PsPeC \acute{z} C \epsilon P \gg C \acute{z} PSPePsPIPs - PeP \ddot{e} C \epsilon PePsPIPsP_i Ps C, C \dot{H} P^{\circ} PeC, C \acute{z}: PrC \dot{I} P \dot{I} P_{\mu} C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps:$
 $PSC \dot{I} PrPsC, P^{\circ}, P \pm P \gg CH PIP^{\circ} PSPSCI; C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: P \cdot P^{\circ} P_i PsC \dot{H}, P^{\circ} PSPsC \dot{H} P_{\mu} Pe \dot{C} \dot{I} \dot{C} - C \dot{I},$
 $PrC - P^{\circ} C \dot{H} P_{\mu} C \dot{I}, P_j C \dot{I} PePsP \cdot P \ddot{e} C, .$

$P - P \pm PsPeC \acute{z} P_i P_{\mu} P_i P^{\circ} C, PsP \pm C - P \gg C - P^{\circ} C \dot{H} PSPsC - \dot{C} \dot{I} \dot{P} \ddot{e} \dot{C} \dot{I} \dot{C}, P_{\mu} P_j P \ddot{e}: PrC \dot{I} P \dot{I} P_{\mu} C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps:$
 $\dot{P} \dot{I} C - PrPIP \ddot{e} C \% P_{\mu} PSPSCI C \dot{H} C - PIPSCI \dot{P} i P^{\circ} P_j P_j P^{\circ} -$
 $P_i P \gg C \dot{I} \dot{C}, P^{\circ} P_j C - P \gg C, C \dot{H} P^{\circ} PSC \dot{I} \dot{P} i P_{\mu} P_i C, P \ddot{e} PrP^{\circ} P \cdot P \ddot{e} (10 \%).$

$P - P \pm PsPeC \acute{z} C \epsilon PeC - C \dot{H} P \ddot{e} C - \dot{P} \dot{I} C - PrC \epsilon PeC - C \dot{H} PSPsC - PeP \gg C - C, PePsPIP \ddot{e} PSP \ddot{e}: C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps:$
 $P^{\circ} P \gg PsP_i P_{\mu} C \dot{I} C - C \dot{I}, PIP \ddot{e} \dot{C} \dot{I} P \ddot{e} P_i P^{\circ} PSPSCI; PSP_{\mu} C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: \dot{C} \dot{I} P \ddot{e} PSPrC \dot{H} PsP_j P \ddot{Y} PIC - C, P^{\circ};$
 $\dot{P} \dot{I} PsPsPrP \ddot{e} PSPsPeC -: C \epsilon PeC - C \dot{H} PSP \ddot{e} P_{\ddot{N}} PIP^{\circ} \dot{C} \dot{I} PeC \dot{I} P \gg C - C, .$

$P - P \pm PsPeC \acute{z} \dot{C} \dot{I} \dot{P} eP_{\mu} P \gg P_{\mu} C, PSPs - P_j e \dot{H}^{\text{TM}} C \dot{I} P \cdot PsPIPsC - \dot{C} \dot{I} \dot{P} \ddot{e} \dot{C} \dot{I} \dot{C}, P_{\mu} P_j P \ddot{e} C, P^{\circ}$
 $\dot{C} \dot{I} \dot{P} i P_s P \gg C \acute{z} C \ddagger PSPsC - C, PeP^{\circ} PSP \ddot{e} PSP \ddot{e}: C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: P \pm C - P \gg CH C \dot{I} P iC \dot{H} C \dot{I} PrPSC - P_{\ddot{N}}$
 $PeP \gg C - C, C \dot{I} C -, \dot{C} \dot{I} PeP_{\mu} P \gg P_{\mu} C, PSPs - P_j e \dot{H}^{\text{TM}} C \dot{I} P \cdot PsPIP \ddot{e} P_{\ddot{N}} P \pm C - P \gg CH; \dot{P} \dot{I} PsPsPrP \ddot{e} PSPsPeC -:$
 $P \cdot P^{\circ} P_i Ps \dot{C} \dot{I} \dot{C}, C \dot{H} P_{\mu} PSPSCI C \dot{H} P_{\mu} P_i P_j P^{\circ} C, PsC - PrPSPsP_i Ps P^{\circ} C \dot{H} C, C \dot{H} P \ddot{e} C, C \dot{I}, \dot{P} i \dot{C} \dot{I} P_{\mu} PIPrPs -$
 $\dot{P} \dot{I} PsPrP^{\circ} P_i C \dot{H} P^{\circ}, \dot{P} \dot{I} PsPrP^{\circ} P_i C \dot{H} P^{\circ}.$

$P - P \pm PsPeC \acute{z} C - P_j C \acute{z} PSPSPsC - \dot{C} \dot{I} \dot{P} \ddot{e} \dot{C} \dot{I} \dot{C}, P_{\mu} P_j P \ddot{e}: C \dot{H} P_{\mu} P^{\circ} PeC \dot{I} C - C -$
 $PiC - \dot{P} \dot{I} P_{\mu} C \dot{H} C \ddagger C \dot{I} C, P \gg P \ddot{e} PIPs \dot{C} \dot{I} \dot{C}, C -, PIPeP \gg CH C \ddagger P^{\circ} CH C \ddagger P \ddot{e}$
 $P^{\circ} PSPiC - PsPSP_{\mu} PIC \dot{H} PsC, P \ddot{e} C \ddagger PSP \ddot{e} P_{\ddot{N}} PSP^{\circ} P \pm C \dot{H} C \dot{I} P_e, PeC \dot{H} PsP_i P \ddot{e} P_i e \dot{H}^{\text{TM}} C \dot{I} PSPeC \dot{I},$
 $P^{\circ} PSP^{\circ} C, C - P \gg P^{\circ} Pe \dot{C} \dot{I} \dot{C} - CH, P \cdot P^{\circ} PrP \ddot{e} C \epsilon PeC \dot{I}, PiC - P_i PsC, PsPSC - CH.$

$P - P \pm PsPeC \acute{z} PSP \ddot{e} C \dot{H} PsPe C, P^{\circ} \dot{C} \dot{I} P_{\mu} C \ddagger PsPIP \ddot{e} PrC - P \gg CH \dot{P}SPsC - \dot{C} \dot{I} \dot{P} \ddot{e} \dot{C} \dot{I} \dot{C}, P_{\mu} P_j P \ddot{e}: \dot{P} \dot{I} PsPsPrP \ddot{e} PSPsPeC -: \dot{P} \dot{I} PsC \dot{H} C \dot{I} C \epsilon P_{\mu} PSPSCI P \cdot P \pm PsPeC \dot{I} P \gg P^{\circ} P \pm PsC \dot{H} P^{\circ} C, PsC \dot{H} PSP \ddot{e} C \dots$
 $\dot{P} \dot{I} PsPeP^{\circ} P \cdot PSP \ddot{e} PeC - PI \dot{C} \dot{I} P_{\mu} C \dot{I} C - (PrP \ddot{e} P \cdot C \dot{I} C \dot{H} C - C \dot{I}, P^{\circ} PSPsP_j P^{\circ} P \gg CH \dot{P}SP^{\circ} \dot{C} \dot{I} P_{\mu} C \ddagger P^{\circ}).$

$P - P^{\circ} P_i P^{\circ} P \gg CH \dot{P}SC - C \dot{H} PsP \cdot P \gg P^{\circ} PrP \ddot{e} C, P^{\circ} C \dot{H} P_{\mu} P^{\circ} PeC \dot{I} C - C - C \acute{z} P_j C - \dot{C} \dot{I} C \dot{I} C - PIPiP_{\mu} PrP_{\mu} PSPSCI:$
 $C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: \dot{C} \dot{I} P \gg P^{\circ} P \pm PeC - \dot{C} \dot{I} \dot{C}, CH, P_i P_{\mu} PSP_{\mu} C \dot{H} P^{\circ} P \gg C - P \cdot PsPIP^{\circ} PSP^{\circ} \dot{C} \dot{I} P \gg P^{\circ} P \pm PeC - \dot{C} \dot{I} \dot{C}, CH;$
 $PSP_{\mu} C \ddagger P^{\circ} \dot{C} \dot{I} \dot{C}, Ps: PSP_{\mu} C \dot{I} C, PsC \ddagger PSP_{\mu} PSP \ddot{e} P_{\ddot{N}} P \pm C - P \gg CH; \dot{P} \dot{I} PsPsPrP \ddot{e} PSPsPeC -:$
 $P^{\circ} P \gg P_{\mu} C \dot{H} P_i C - C \ddagger PSC - C \dot{H} P_{\mu} P^{\circ} PeC \dot{I} C - C -.$

$P_{\mu} P^{\circ} C \dot{I} C - C''PSC, P \ddot{e} P \cdot P' P \dot{I} P \dot{I} C - PSC, P_{\mu} PeC \dot{I} C - C''CH$

$P_j PeP \gg C - PSC - C \ddagger PSP \ddot{e} C \dots PrPs \dot{C} \dot{I} P \gg C - PrP \dot{I} P_{\mu} PSPSCI C \dots C''PrP \ddot{e} PSPsCH \dot{P} \dot{I} PsP \pm C - C \ddagger PSPsCH$
 $C \dot{H} P_{\mu} P^{\circ} PeC \dot{I} C - C''CH, C \dot{I} PeP^{\circ} P \pm C \dot{I} P \gg P^{\circ} \dot{P} \dot{I} PsP_i e \dot{H}^{\text{TM}} C \dot{I} P \cdot P^{\circ} PSP^{\circ} C - P \cdot$
 $P \cdot P^{\circ} \dot{C} \dot{I} \dot{C}, Ps \dot{C} \dot{I} C \dot{I} PIP^{\circ} PSPSCI P_j C, C - P \gg P_i C \dot{H} P^{\circ} \dot{C} \dot{I} \dot{C}, P \ddot{e} P_j C \dot{I}, P \pm C \dot{I} P \gg P \ddot{e} P \pm PsP \gg C - PI$
 $PeC - \dot{C} \dot{I} \dot{C}, PeP^{\circ} C \dots C - P_j e \dot{H}^{\text{TM}} C \dot{I} P \cdot P^{\circ} C \dots, C \dot{I} PeC - PI Ps \dot{C} \dot{I} PSPsPIPSPsP_j C \dot{I} P \pm C \dot{I} P \gg P \ddot{e} \dot{C} \dot{I} P \gg P^{\circ} P \pm PeC -$
 $P^{\circ} P \pm Ps \dot{P} \dot{I} PsP_j C - C \dot{H} PSC -. P \ddot{S} P^{\circ} \dot{C} \dot{I} \dot{C}, PsC, P^{\circ} PIP \ddot{e} PSP \ddot{e} PePSP_{\mu} PSPSCI P \pm PsP \gg CH P \pm C \dot{I} P \gg P^{\circ}$
 $\dot{P} \dot{I} PsPrC - P \pm PSPsCH PrPs C, P^{\circ} PePsC - C \dot{I} \dot{P} \dot{I} P^{\circ} C \dot{I} C - C''PSC, C - PI P \cdot PsPSPePsP \gg PsP_i C - C \ddagger PSP \ddot{e} P_j P \ddot{e}$
 $P \cdot P^{\circ} C \dots PIPsC \dot{H} CH PIP^{\circ} PSPSCI P_j P \ddot{e}.$

$P' C \dot{I} P \gg Ps \dot{P} \dot{I} PsPIC - PrPsP_j P \gg P_{\mu} PSPs, C \% Ps \dot{C} \dot{I} P_i P \gg P_{\mu} PSPsP_j P_{\mu} P_i P^{\circ} P \gg C - C \dot{I} \dot{P} \dot{I} PsP_i e \dot{H}^{\text{TM}} C \dot{I} P \cdot P^{\circ} PSP^{\circ}$
 $P \cdot C, P_{\mu} C \dot{H} P^{\circ} P_i C - C''CH C, C - P \gg P_i C \dot{H} P^{\circ} \dot{C} \dot{I} \dot{C}, P \ddot{e} P_j PsP_j C \dot{I} < 3 \% \dot{P} \dot{I} P^{\circ} C \dot{I} C - C''PSC, C - PI. P' C \dot{I} \dot{C} \dot{I} C - C \dots$

PIPëPİP°PrPeP°C... CÍPİP»PµPSPsPjPµPiP°P»C-Cİ P±CÍP»P° P»PµPiPePsCĤ C±Pë
PİPsPjC-CĤPSPsPiPs CÍC,CÍPİPµPSCİ PİCĤPë C,,C-P·PëPeP°P»CHPSPsPjCÍ
PsP±CÍC,PµP¶PµPSPSC- P·C- CÍPİCĤPëCİC,P»PëPIPëPj PeP»C-PSC-C±PSPëPj
PİPµCĤPµP±C-PİPsPj. PkPµ P±CÍP»Ps PIC-PrP·PSP°C±PµPSPs PIPëPİP°PrPeC-PI
PiC-PİPµCĤCÍPİP»PµPSC-P·PjCÍ. PŸPİP»PµPSPµPeC,PsPjC-Cİ PSPµ PİCĤPsPiPsPrPëP»P°CÍCH
CÍ P¶PsPrPSPsPjCÍ PIPëPİP°PrPeCÍ. PŸPİP»PµPSPsPjPµPiP°P»C-Cİ PrPsCÍPëC,CH C±P°CÍC,Ps
CÍPİPsCÍC,PµCĤC-PİP°C"C,CHCÍCİ CÍ PİP°C†C-C"PSC,C-PI P· P'P†P>-C-PSC,,PµPeC†C-C"CĤ, P°
C,P°PePsP¶ CĤC-P·PSPsPiPs CÍC,CÍPİPµPSCİ PIPëCĤP°P¶PµPSPsCÍC,C-
P·CÍCÍC,CĤC-C±P°C"C,CHCÍCİ CÍ P±C-P»CHC€PsCÍC,C- PİP°C†C-C"PSC,C-PI P·C-
PŸPkP†P"PsPj.

P— P±PsPeCž PeCĤPsPIC- C- P»C-PjC,,P°C,PëC±PSPsC— CÍPëCÍC,PµPjPë: C±P°CÍC,Ps:
CĤPsP·P»P°PrPë C,,CÍPSPeC†C-C— CÍPµP»PµP·C-PSPePë.

P— P±PsPeCž CÍPePµP»PµC,PSPs-PjēĤ™ CİP·PsPIPSC— CÍPëCÍC,PµPjPë: PrCÍP¶Pµ
C±P°CÍC,Ps: CÍPePµP»PµC,PSPs-PjēĤ™ CİP·PsPIPëPNë P±C-P»CH, P°CĤC,CĤP°P»PiC-Cİ.

PµPsP±C-C±PSC- CĤPµP°PeC†C-C—, P·P°CĤPµC"CÍC,CĤPsPIP°PSC- Cž
PİC-CÍP»CİCĤPµC"CÍC,CĤP°C†C-PNëPSPëPNë PİPµCĤC-PsPr

P— P±PsPeCž C-PjCžPSPSPsC— CÍPëCÍC,PµPjPë: CĤPµP°PeC†C-C—
PiC-PİPµCĤC±CÍC,P»PëPIPSCÍC,C-, CÍ C,PsPjCÍ C±PëCÍP»C- P°PSP°C,,C-P»P°PeCÍC-Cİ,
B C€PeC-CĤPSPµ PIPëCÍPëPİP°PSPSCİ, PeCĤPsPİPëPIēĤ™ CİPSPeP°, PSP°P±CĤCİPe
PĤPIC-PSPePµ, C,CİP¶PeC- P°P»PµCĤPiC-C±PSC- CĤPµP°PeC†C-C—, P·P°PrPëC€PeP°.

PŸPëPjPiC,PsPjPë PjPsP¶CÍC,CH CĤPsP·PIPëPIP°C,PëCÍCİ PSP° PİPsC±P°C,PeCÍ
C,PµCĤP°PiC-C— P°P±Ps PİCĤPë PİPsPrP°P»CHC€PsPjCÍ P»C-PeCÍPIP°PSPSC-
C,,C-P»PiCĤP°CÍC,PëPjPsPj. Pj PrPµCİPePëC... PIPëPİP°PrPeP°C... PIC-PrPSPsPIP»PµPSPSCİ
P»C-PeCÍPIP°PSPSCİ CÍCÍPİCĤPsPiPsPrP¶CÍPIP°P»PsCÍCİ CĤPµC†PëPrPëPiPsPj
CÍPëPjPiC,PsPjC-PI, C%oPs CÍPIC-PrC±PëC,CH PİCĤPs PSP°CİPIPSC-CÍC,CH
PİCĤPëC±PëPSPSPs-PSP°CÍP»C-PrPePsPiPs P·PIēĤ™ CİP·PeCÍ.

PµCĤPë CĤPsP·PIPëC,PeCÍ CÍPµCĤPNëPsP·PSPëC... P°P»PµCĤPiC-C±PSPëC... CĤPµP°PeC†C-PNë
C,PµCĤP°PiC-CĤ C,,C-P»PiCĤP°CÍC,PëPjPsPj CÍP»C-Pr PİCĤPëPİPëPSPëC,Pë.

P— P±PsPeCž PeCĤPsPIC- C- P»C-PjC,,P°C,PëC±PSPsC— CÍPëCÍC,PµPjPë:
CÍPİP»PµPSPsPjPµPiP°P»C-Cİ, PİPsCĤCÍC€PµPSPSCİ C,,CÍPSPeC†C-C— CÍPµP»PµP·C-PSPePë,
C,CĤPsPjP±PsC†PëC,PsPİPµPSC-Cİ, P»PµPNëPePsC†PëC,PsP·, P°PSPµPjC-Cİ, CÍ
PİP°C†C-C"PSC,C-PI C-P· CÍPµCĤPİPsPIPëPrPSPsPeP»C-C,PëPSPSPsCĤ P°PSPµPjC-C"CĤ
PsPİPëCÍP°PSPs PİPsPsPrPëPSPsPeC- PIPëPİP°PrPePë
CÍPµCĤPİPsPIPëPrPSPsPeP»C-C,PëPSPSPsPiPs PeCĤPëP·CÍ, PI PrPµCİPePëC...
PIPëPİP°PrPeP°C... ēĤ" P· P»PµC,P°P»CHPSPëPj PSP°CÍP»C-PrPePsPj. P C-PrPePs
CĤPµC"CÍC,CĤCÍPIP°P»PëCÍCİ PIPëPİP°PrPePë CĤPsP·CĤPëPICÍ CÍPµP»PµP·C-PSPePë
CÍ P·PrPsCĤPsPIPëC... PrPsPSPsCĤC-PI C- CÍ PİP°C†C-C"PSC,C-PI P·
PsPSPePsP»PsPiC-C±PSPëPjPë P·P°C...PIPSCĤCĤPIP°PSPSCİPjPë, CİPeC-
PsC,CĤPëPjCÍPIP°P»Pë C,,C-P»PiCĤP°CÍC,PëPj.

PµPsCĤCžC€PµPSPSCİ PjPµC,P°P±PsP»C-P·PjCž: PİPsCÍPëP»PµPSPSCİ P°PİPµC,PëC,CÍ,
PiC-PİPµCĤPiP»C-PePµPjC-Cİ, PiC-PİPµCĤCÍCĤPëPePµPjC-Cİ.

P— P±PsPeCž CÍCžPrPëPS: PiC-PİPsC,PsPSC-Cİ, PeP°PiC-P»CİCĤPSPëPNë CÍPëPSPrCĤPsPj,

СГРПёPSPPrCЪPsPj PiC-PrPIPёC%oPµPSPsC— PiCЪPsPSPёPePSPsCГC,C- PeP°PiC-P»CЦCЪC-PI.

P— P±PsPeCз PrPёC...P°P»CHbPSPsC— CГPёCГC,PµPjPё: PSPsCГPsPIP° PeCЪPsPIPsC,PµC±P°, PeCЪPsPIPsC...P°CЪPeP°PSPSCЦ, PiPsCГC,CЪPёPNё CЪPµCГPiC-CЪP°C,PsCЪPSPёPNё PrPёCГC,CЪPµCГ-CГPёPSPPrCЪPsPj, PrPёC...P°P»CHbPSP° PSPµPrPsCГC,P°C,PSC-CГC,CHb, PSP°P±CЪCЦPe P»PµPiPµPSC-PI, PePsP»P°PiPµPSPsPIP° C...PIPsCЪPsP±P°, P»PµPiPµPSPµPIP° C-PSC,,C-P»CHbC,CЪP°CГC-CЦ, P»PµPiPµPSPµPIP° PeCЪPsPIPsC,PµC±P°, PiC-PiPsPeCГC-CЦ.

P— P±PsPeCз PiPµPiP°C,PsP±C-P»C-P°CЪPSPsC— CГPёCГC,PµPjPё:
PiPµPiP°C,PsPjPµPiP°P»C-CЦ, P·P±C-P»CHbCёPµPSPSCЦ PЪPŸPŸ PeCЪPsPIC-.

P— P±PsPeCз CГPePµP»PµC,PSPs-PjбЪ™ CЦP·PsPIPsC— CГPёCГC,PµPjPё:
P·P°PiPsCГC,CЪPµPSPSCЦ CЪPµPIPjP°C,PsC—PrPSPsPiPs P°CЪC,CЪPёC,Cr, PsCГC,PµPsPiPsCЪPsP·, P°CЪC,CЪP°P»PiC-CЦ, PrCrP¶Pµ CЪC-PrPePs CЪPµC”CГC,CЪCрPIP°P»PёCГCЦ CЦPIPёC%oP° PiCГPµPIPrPsPiPsPrP°PiCЪPё Cr PiP°CГC-C”PSC,C-PI P· PsPSPePsP»PsPiC-C±PSPёPjPё P·P°C...PIPsCЪCЪPIP°PSPSCЦPjPё, CЦPeC-PsC,CЪPёPjCrPIP°P»Pё C,,C-P»PiCЪP°CГC,PёPj.

P— P±PsPeCз PSPёCЪPsPe: PrPёP·CrCЪC-CЦ, P°PSPsPjP°P»CHbPSP° CГPµC±P°, PiCЪPsC,PµC—PSCrCЪC-CЦ, PiPµPjP°C,CrCЪC-CЦ.

P—P°PiP°P»CHbPSC- CЪPsP·P»P°PrPё: CЪPµP°PeCГC-C— Cr PjC-CГCГC-PIPIPµPrPµPSPSCЦ.

P—PjC-PSPё P· P±PsPeCз CёPeC-CЪPё C- PiC-PrCёPeC-CЪPSPsC— PeP»C-C,PePsPIPёPSPё:
CЪC-PrPePs PiPsPIC-PrPsPjP»CЦP»PsCГCЦ PiCЪPs PiPsPsPrPёPSPsPeC- PIPёPiP°PrPePё PiPsCГC,CЪPsPiPs C,,PµP±CЪPёP»CHbPSPsPiPs PrPµCЪPjP°C,PsP·Cr (CГPёPSPPrCЪPsPj PŸPIC-C,P°) (P· C±P°CГC,PsC,PsCЪ ≥ 0,01 % C- < 0,1 %).

PµPsPIC-PrPsPjP»CЦP»PsCГCЦ PiCЪPs CЪC-PrPeC-CГPSC- PIPёPiP°PrPePё CёPeC-CЪPSPsPiPs PIP°CГPeCrP»C-C,Cr (0,001 %) Cr PiP°CГC-C”PSC,C-PI P· PsPSPePsP»PsPiC-C±PSPёPjPё P·P°C...PIPsCЪCЪPIP°PSPSCЦPjPё, CЦPeC- PsC,CЪPёPjCrPIP°P»Pё C,,C-P»PiCЪP°CГC,PёPj.

P»P°P±PsCЪP°C,PsCЪPSC- PiPsPeP°P·PSPёPePё: Cr PiP°CГC-C”PSC,C-PI, CЦPeC-PsC,CЪPёPjCrPIP°P»Pё C,,C-P»PiCЪP°CГC,PёPj PiC-CГP»CЦ CГPёC,PsC,PsPeCГPёC±PSPsC— C...C-PjC-PsC,PµCЪP°PiC-C—, CГPiPsCГC,PµCЪC-PiP°P»PsCГCЦ PsP±PsCЪPsC,PSPµ PiC-PrPIPёC%oPµPSPSCЦ CЪC-PIPsCЦ CГPµC±PsPIPsC— PePёCГP»PsC,Pё, P»CrP¶PSPsC— C,,PsCГC,,P°C,P°P·Pё, P»P°PeC,P°C,PrPµPiC-PrCЪPsPiPµPSP°P·Pё P±PµP·PeP»C-PSC-C±PSPёC... PiCЪPsCЦPIC-PI (P·P°P·PIPёC±P°PNё CГP»P°P±PeC- P°P±Ps PiPsPjC-CЪPSC-).

PŸPµCЪPjC-PS PiCЪPёPrP°C,PSPsCГC,C-. 2 CЪPsPePё.

PJPjPsPIPë P·P±PμCȚC-PiP°PSPSCȚ.

P—P±PμCȚC-PiP°C,Pë PI PsCȚPëPiC-PSP°P»CḤPSC-PṆ CṛP̣iP°PePsPIC†C- PrP»CȚ
P·P°C...PëCȚC,Cṛ PIC-Pṛ PṛC-C— CȚPIC-C,P»P° PiCȚPë C,PμPjPiPμCȚP°C,CṛCȚC- PIC-Pṛ

2 PrPs 8 °PȚ. **P—P±PμCȚC-PiP°C,Pë PI**

PSPμPṛPsCȚC,CṛP̣iPSPsPjCṛ PṛP»CȚ

PṛC-C,PμPṆ PjC-CȚC†C-.

PJP̣iP°PePsPIPeP°.

PȚPs 1 PjP» (30 PjP»PS P̣hP̣h) (0,3 PjPi) P°P±Ps PiPs 1,6 PjP» (48 PjP»PS P̣hP̣h) (0,48 PjPi) Cṛ
PiPsPiPμCȚPμPṛPSC̣hPs PSP°PiPsPIPSPṛPSPsPjCṛ C̣PiCȚPëC†C-. PȚPs 1
PiPsPiPμCȚPμPṛPSC̣hPs PSP°PiPsPIPSPṛPSPsPjCṛ C̣PiCȚPëC†Cṛ Cṛ P±P»C-CȚC,PμCȚC- P·
PiP»C-PIPePë PȚP'PȚ. PȚPs 1 P±P»C-CȚC,PμCȚCṛ Cṛ PiP°C†C†C- P· PeP°CȚC,PsPSCṛ.

P̣P°C,PμPiPsCȚC-CȚ PIC-PṛPiCṛCȚPeCṛ. P—P° CȚPμC†PμPiC,PsPj.

P'PëCȚPsP±PSPëPe. PȚP̣hP' B«P̣P— B«PȚPȚP̣hP''P̣hB», PJP̣eCȚP°C—PSP°.

**P̣hC-CȚC†PμP·PSP°C...PsPṛP¶PμPSPSCȚ PIPëCȚPsP±PSPëPeP° C,P° PṆPsPiPs
P°PṛCȚPμCȚP° PjC-CȚC†CȚ PiCȚPsPIP°PṛP¶PμPSPSCȚ PṛC-CȚP»CḤPSPsCȚC,C-.**

PJP̣eCȚP°C—PSP°, 09100, P̣PëC—PICȚCḤPeP° PsP±P»., Pj. P'C-P»P° P̣PμCȚPePIP°, PICṛP». P̣PëC—PICȚCḤPeP°, 37.