

$$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsP\gg PsPiC-C\neq PSC-PIP\gg P^{\circ}C\bar{I}C,P\ddot{e}PIPsC\bar{I}C,C-.$$

$P\alpha P^{\circ}C\bar{H}PjP^{\circ}PePsPrP\bar{e}PSP^{\circ}PjC-PeP^{\circ}.$

$P^{\circ}C-C\bar{H}C\ddagger P^{\circ}C\bar{H}P_{\mu}C\ddagger PsPIP\bar{e}PSP^{\circ}-P\ddot{C}\bar{H}P_{\mu}PiP^{\circ}P\pm P^{\circ}P\gg C-PS, C\%_{\infty}PsC^{\circ}P^{\circ}PSP^{\circ}P\gg PsPiPsPj$
 $PiP^{\circ}PjPjP^{\circ}-P^{\circ}PjC-PSPsPjP^{\circ}C\bar{I}P\gg C\bar{I}PSPsC- PeP\bar{e}C\bar{I}P\gg PsC, P\bar{e} [(S)-3-(P^{\circ}PjC-PSPsPjP_{\mu}C, P\bar{e}P\gg)-5-$
 $PjP_{\mu}C, P\bar{e}P\gg PiP_{\mu}PeC\bar{I}P^{\circ}PSPsPIP^{\circ} PeP\bar{e}C\bar{I}P\gg PsC, P^{\circ}].$

$P_{\bar{H}}P_{\mu}C...P^{\circ}PSC-P\cdot PjPrC-C-.$

$P_{\mu}C\bar{H}P_{\mu}PiP^{\circ}P\pm P^{\circ}P\gg C-PS P\cdot PiB\bar{H}^{\text{TM}}C\bar{I}P\cdot C\bar{r}C^{\circ}C, C\bar{H}C\bar{I}C\bar{I}P\cdot PrPsPiPsPjC-P\bar{I}PSPsC\bar{H}$
 $C\bar{I}C\bar{r}P\pm PsPrP\bar{e}PSP\bar{e}C\ddagger P_{\mu}C\bar{H} (a_2B\bar{H}^{\circ}d P\pm C-P\gg PsPe) PiPsC, P_{\mu}PSC\ddagger C-P^{\circ}P\gg P\cdot P^{\circ}P\gg P_{\mu}P\bar{I}PSP\bar{e}C...$
 $PeP^{\circ}P\gg C\bar{H}C\ddagger C-C^{\circ}PIP\bar{e}C... PeP^{\circ}PSP^{\circ}P\gg C-PI C\bar{r} C\ddagger P_{\mu}PSC, C\bar{H}P^{\circ}P\gg C\bar{H}PSC-PN_{\infty} PSP_{\mu}C\bar{H}PiPsPIC-PN_{\infty}$
 $C\bar{I}P\bar{e}C\bar{I}C, P_{\mu}PjC- (P\bar{I}P\bar{K}P\bar{Y}).$

$P_{\bar{L}}P\gg C-PSC-C\ddagger PSP^{\circ} P_{\mu}C,, P_{\mu}PeC, P\bar{e}PIPSC-C\bar{I}C, C\bar{H} C- P\pm P_{\mu}P\cdot PiP_{\mu}PeP^{\circ}.$

$B\bar{H}^{\circ} P\bar{K}P_{\mu}PN_{\infty}C\bar{H}PsPiP^{\circ}C, P\bar{e}C\ddagger PSP\bar{e}PN_{\infty} P\pm C-P\gg C\bar{H}.$

$P_{\mu}C-Pr C\ddagger P^{\circ}C\bar{I} PrPsC\bar{I}P\gg C-PrP\bar{I}P_{\mu}PSC\bar{H} P\pm C\bar{r}P\gg Ps PiC\bar{H}PsPrP_{\mu}PjPsPSC\bar{I}C, C\bar{H}PsPIP^{\circ}PSPs$
 $P_{\mu}C,, P_{\mu}PeC, P\bar{e}PIPSC-C\bar{I}C, C\bar{H} PiC\bar{H}P_{\mu}PiP^{\circ}C\bar{H}P^{\circ}C, C\bar{r} PrP\gg C\bar{I} P\gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{I}$
 $PrC-P^{\circ}P\pm P_{\mu}C, P\bar{e}C\ddagger PSPsC- PSP_{\mu}PN_{\infty}C\bar{H}PsPiP^{\circ}C, C-C-, PiPsC\bar{I}C, PiP_{\mu}C\bar{H}PiP_{\mu}C, P\bar{e}C\ddagger PSPsC-$
 $PSP_{\mu}PIC\bar{H}P^{\circ}P\gg PiC-C- C, P^{\circ} C\bar{r}C\bar{H}P^{\circ}P\bar{I}P_{\mu}PSPSC\bar{I} C\bar{I}PiP\bar{e}PSPSPsPiPs PjPsP\cdot PeC\bar{r}.$
 $P\cdot C,, P_{\mu}PeC, P\bar{e}PIPSC-C\bar{I}C, C\bar{H} P\gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PePsPiPs P\cdot P^{\circ}C\bar{I}PsP\pm C\bar{r} PiC\bar{H}P\bar{e} C-PSC\bar{e}P\bar{e}C...$
 $PIP\bar{e}PrP^{\circ}C... PSP_{\mu}PN_{\infty}C\bar{H}PsPiP^{\circ}C, P\bar{e}C\ddagger PSPsPiPs P\pm PsP\gg C\bar{H} PSP_{\mu} PIP\bar{e}PIC\ddagger P^{\circ}P\gg P\bar{e}.$

$P_{\mu}C\bar{H}P_{\mu}PiP^{\circ}P\pm P^{\circ}P\gg C-PS PIP\bar{e}PIC\ddagger P^{\circ}P\gg P\bar{e} PI C...PsPrC- 10 PePsPSC, C\bar{H}PsP\gg C\bar{H}PsPIP^{\circ}PSP\bar{e}C...$
 $PeP\gg C-PSC-C\ddagger PSP\bar{e}C... PrPsC\bar{I}P\gg C-PrP\bar{I}P_{\mu}PSC\bar{H} C, C\bar{H}P\bar{e}PIP^{\circ}P\gg C-C\bar{I}C, C\bar{H} PrPs 13 C, P\bar{e}P\bar{I}PSC-PI$
 $P\cdot C\bar{H}P_{\mu}P\bar{I}P\bar{e}PjPsPj PrPsP\cdot C\bar{r}PIP^{\circ}PSPSC\bar{I} P\gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PePsPiPs P\cdot P^{\circ}C\bar{I}PsP\pm C\bar{r} PrPIC-C\ddagger C-$
 $PSP^{\circ} PrPsP\pm C\bar{r} C, P^{\circ} PI C...PsPrC- PrPsC\bar{I}P\gg C-PrP\bar{I}P_{\mu}PSC\bar{H} C, C\bar{H}P\bar{e}PIP^{\circ}P\gg C-C\bar{I}C, C\bar{H} PrPs$
 $8 C, P\bar{e}P\bar{I}PSC-PI P\cdot C\bar{H}P_{\mu}P\bar{I}P\bar{e}PjPsPj PrPsP\cdot C\bar{r}PIP^{\circ}PSPSC\bar{I} C, C\bar{H}P\bar{e}C\ddagger C- PSP^{\circ} PrPsP\pm C\bar{r}.$
 $P-P^{\circ}PiP^{\circ}P\gg PsPj PiC\bar{H}PsC,, C-P\gg C- P\pm P_{\mu}P\cdot PiP_{\mu}PeP\bar{e} C, P^{\circ} P_{\mu}C,, P_{\mu}PeC, P\bar{e}PIPSPsC\bar{I}C, C- PrP\gg C\bar{I}$
 $C\bar{H}P_{\mu}P\bar{I}P\bar{e}PjC-PI PrPsP\cdot C\bar{r}PIP^{\circ}PSPSC\bar{I} PrPIC-C\ddagger C- C- C, C\bar{H}P\bar{e}C\ddagger C- PSP^{\circ} PrPsP\pm C\bar{r} P\pm C\bar{r}P\gg P\bar{e}$
 $PiPsPrC-P\pm PSP\bar{e}PjP\bar{e}.$

$Pj C...PsPrC- PeP\gg C-PSC-C\ddagger PSP\bar{e}C... PrPsC\bar{I}P\gg C-PrP\bar{I}P_{\mu}PSC\bar{H} C, C\bar{H}P\bar{e}PIP^{\circ}P\gg C-C\bar{I}C, C\bar{H} PrPs 12$
 $C, P\bar{e}P\bar{I}PSC-PI, PI C\bar{I}PeP\bar{e}C... P\gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PeP\bar{e}PN_{\infty} P\cdot P^{\circ}C\bar{I}C-P\pm$
 $P\cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}P\gg P\bar{e} PrP\gg C\bar{I} P\gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{I} PSP_{\mu}PN_{\infty}C\bar{H}PsPiP^{\circ}C, P\bar{e}C\ddagger PSPsPiPs$
 $P\pm PsP\gg C\bar{H}, P\cdot PjP_{\mu}PSC\bar{e}P_{\mu}PSPSC\bar{I} P\pm PsP\gg C\bar{H} PiP_{\mu}C\bar{H}P\bar{e}C,, P_{\mu}C\bar{H}P\bar{e}C\ddagger PSPsPiPs C, P^{\circ}$
 $C\ddagger P_{\mu}PSC, C\bar{H}P^{\circ}P\gg C\bar{H}PSPsPiPs PiPsC...PsPrP\bar{I}P_{\mu}PSPSC\bar{I} C\bar{I}PiPsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P\gg PsC\bar{I}C\bar{I}$
 $PiC-C\bar{I}P\gg C\bar{I} PiP_{\mu}C\bar{H}C\bar{e}PsPiPs C, P\bar{e}P\bar{I}PSC\bar{I} C, P^{\circ} P\cdot P\pm P_{\mu}C\bar{H}C-PiP^{\circ}P\gg PsC\bar{I}C\bar{I} PiC\bar{H}PsC, C\bar{I}PiPsPj$
 $C\bar{r}C\bar{I}C\bar{H}PsPiPs PiP_{\mu}C\bar{H}C-PsPrC\bar{r} P\gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{I}.$

$Pj C...PsPrC- PePsPSC, C\bar{H}PsP\gg C\bar{H}PsPIP^{\circ}PSP\bar{e}C... PeP\gg C-PSC-C\ddagger PSP\bar{e}C...$
 $PrPsC\bar{I}P\gg C-PrP\bar{I}P_{\mu}PSC\bar{H} PiP_{\mu}C\bar{H}P\bar{e}C,, P_{\mu}C\bar{H}P\bar{e}C\ddagger PSPsPiPs PSP_{\mu}PN_{\infty}C\bar{H}PsPiP^{\circ}C, P\bar{e}C\ddagger PSPsPiPs$
 $P\pm PsP\gg C\bar{H} C\bar{r} 35 \% PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{I}PeC- P\cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}P\gg P\bar{e}$
 $PiC\bar{H}P_{\mu}PiP^{\circ}P\pm P^{\circ}P\gg C-PS, C, P^{\circ} C\bar{r} 18 \% PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{I}PeC- PsC, C\bar{H}P\bar{e}PjC\bar{r}PIP^{\circ}P\gg P\bar{e}$
 $PiP\gg P^{\circ}C\ddagger P_{\mu}P\pm Ps, C\bar{I}PiPsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P\gg PsC\bar{I}C\bar{I} PiPsPeC\bar{H}P^{\circ}C\%P^{\circ}PSPSC\bar{I} PSP^{\circ} 50 \% P\cdot P^{\circ}$
 $C\bar{e}PeP^{\circ}P\gg PsC\bar{H} PsC\ddagger C-PSP\bar{e}P\bar{e} P\pm PsP\gg C\bar{H}. P\bar{Y}P_{\mu}C\bar{H}P_{\mu}Pr PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{r} C\bar{I}PeP\bar{e}C... PSP_{\mu}$
 $PIP\bar{e}PSP\bar{e}PeP^{\circ}P\gg P^{\circ} C\bar{I}PsPSP\gg P\bar{e}PIC-C\bar{I}C, C\bar{H}, C, P^{\circ}PeP_{\mu} PiPsPeC\bar{H}P^{\circ}C\%P^{\circ}PSPSC\bar{I}$
 $C\bar{I}PiPsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P\gg PsC\bar{I}C\bar{I} C\bar{r} 33 \% PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{I}PeC-$
 $P\cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}P\gg P\bar{e} PiC\bar{H}P_{\mu}PiP^{\circ}P\pm P^{\circ}P\gg C-PS, C, P^{\circ} C\bar{r} 18 \% PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI P\cdot$
 $PiC\bar{H}C\bar{r}PiP\bar{e} PiP\gg P^{\circ}C\ddagger P_{\mu}P\pm Ps. P\bar{Y}P_{\mu}C\bar{H}P_{\mu}Pr PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{r} C\bar{I}PeP\bar{e}C...$
 $PIP\bar{e}PSP\bar{e}PeP^{\circ}P\gg P^{\circ} C\bar{I}PsPSP\gg P\bar{e}PIC-C\bar{I}C, C\bar{H}, C\ddagger P^{\circ}C\bar{I}C, PeP^{\circ} PiP^{\circ}C\ddagger C-C^{\circ}PSC, C-PI, C\bar{I}PeC-$

PIC-PrPīPsPIC-P»Pē PSP° C, PμCḡP°PīC-Cḡ, CíC, P°PSPsPiPēP»P° 48 % Cí PiCḡCíPīC-
PīCḡPμPiP°P±P°P»C-PSCr C, P° 16 % Cí PiCḡCíPīC- PīP»P°C†PμP±Ps.

PJ C...PsPrC- PePsPSC, CḡPsP»CHPsPiP°PSPsPiPs PeP»C-PSC-C†PSPsPiPs
PrPsCíP»C-PrP¶PμPSPSCḡ PSPμPNḡCḡPsPiP°C, PēC†PSPsPiPs P±PsP»Cḡ
C†PμPSC, CḡP°P»CHPsPiPs PīPsC...PsPrP¶PμPSPSCḡ Cí 22 % PīP°C†C-C" PSC, C-PI, CḡPeC-
P·P°CíC, PsCíPsPICrPiP°P»Pē PiCḡPμPiP°P±P°P»C-PS, C, P° Cí 7 % PīP°C†C-C" PSC, C-PI, CḡPeC-
PsC, CḡPēPjCíPiP°P»Pē PīP»P°C†PμP±Ps, CíPīPsCíC, PμCḡC-PiP°P»PsCíCḡ
PīPsPeCḡP°C%P°PSPSCḡ PSP° 50 % P·P° CēPeP°P»PsCḡ PsC†C-PSPePē P±PsP»Cḡ.

Б҂“ P•PіC-P»PμPіCіC-Cḡ.

P"PsPrP°C, PePsPiPμ P»C-PeCíPiP°PSPSCḡ. PμCḡPμPiP°P±P°P»C-PS PiPēPIC†P°P»Pē PI
C...PsPrC- C, CḡCHPsC... PePsPSC, CḡPsP»CHPsPiP°PSPēC... PeP»C-PSC-C†PSPēC...
PrPsCíP»C-PrP¶PμPSCḡ C, CḡPēPiP°P»C-CíC, Cḡ 12 C, PēP¶PSC-PI P· CḡPμP¶PēPjPsPj
PrPsP·CíPiP°PSPSCḡ PrPIC-C†C- P°P±Ps C, CḡPēC†C- PSP° PrPsP±Cí. P—P°PiP°P»PsPj
PīCḡPsC,, C-P»C- P±PμP·PīPμPePē C, P° PμC,, PμPeC, PēPiPSPsCíC, C- PrP»Cḡ CḡPμP¶PēPjC-PI
PrPsP·CíPiP°PSPSCḡ PrPIC-C†C- C- C, CḡPēC†C- PSP° PrPsP±Cí P±CíP»Pē
PīPsPrC-P±PSPēPjPē. P—PjPμPSCēPμPSPSCḡ C†P°CíC, PsC, Pē CíCíPrPsPjPSPēC...
PSP°PīP°PrC-PI CíPīPsCíC, PμCḡC-PiP°P»PsCíCḡ PiP¶Pμ PSP° PīPμCḡCēPsPjCí C, PēP¶PSC-.

P"C-C, Pē. P•C,, PμPeC, PēPiPSC-CíC, CH C, P° P±PμP·PīPμPeP° PiCḡPμPiP°P±P°P»C-PSCr
CḡPe PrPsPīPsPjC-P¶PSPsPiPs P·P°CíPsP±Cí PiCḡPē PμPīC-P»PμPīCíC-C— PrP»Cḡ
PrC-C, PμPNḡ PIC-PePsPj PrPs 12 CḡPsPeC-PI C, P° PrP»Cḡ PīC-PrP»C-C, PeC-PI PSPμ
PICíC, P°PSPsPiP»PμPSC-. PμPsP±C-C†PSC- CḡPμP°PeC†C-C—, C%Ps
CíPīPsCíC, PμCḡC-PiP°P»PēCíCḡ PI PrPsCíP»C-PrP¶PμPSPSC- P· PiPēPIC†PμPSPSCḡ
C,, P°CḡPjP°PePsPeC-PSPμC, PēPePē C, P° PīPμCḡPμPSPsCíPēPjPsCíC, C-, PrPs
CḡPePsPiPs P±CíP»Pē PiPeP»CḡC†PμPSC- PīP°C†C-C" PSC, Pē PIC-PePsPj PIC-Pr 3
PjC-CíCḡC†C-PI PrPs 16 CḡPsPeC-PI (n=65) P· PīP°CḡC†C-P°P»CHPsPēPjPē
CíCíPrPsPjPSPēPjPē PSP°PīP°PrP°PjPē, P±CíP»Pē PīPsPrC-P±PSC- PrPs
PīPsP±C-C†PSPēC... CḡPμP°PeC†C-PNḡ Cí PrPsCḡPsCíP»PēC....

P PμP·CíP»CHC, P°C, Pē 12-C, PēP¶PSPμPiPsPiPs PīP»P°C†PμP±Ps-
PePsPSC, CḡPsP»CHPsPiP°PSPsPiPs PrPsCíP»C-PrP¶PμPSPSCḡ P· CíC†P°CíC, Cḡ 295
PrC-C, PμPNḡ PIC-PePsPj PIC-Pr 4 PrPs 16 CḡPsPeC-PI, PjPμC, PsCḡ CḡPePsPiPs P±CíP»P°
PsC†C-PSPeP° PμC,, PμPeC, PēPiPSPsCíC, C- C, P° P±PμP·PīPμPePē PiCḡPμPiP°P±P°P»C-PSCr
CḡPe PrPsPrP°C, PePsPiPsC— C, PμCḡP°PīC-C— PīP°CḡC†C-P°P»CHPsPēC... CíCíPrPsPjPSPēC...
PSP°PīP°PrC-PI, C, P° PIC-PrPeCḡPēC, PsPiPs PrPsCíP»C-PrP¶PμPSPSCḡ P±PμP·PīPμPePē
C, CḡPēPiP°P»C-CíC, Cḡ 1 CḡC-Pe P· CíC†P°CíC, Cḡ 54 PrC-C, PμPNḡ PIC-PePsPj PIC-Pr 3
PjC-CíCḡC†C-PI PrPs 16 CḡPsPeC-PI P· PμPīC-P»PμPīCíC-C" Cḡ PiPeP°P·CíCḡC, CH PSP° C, Pμ,
C%Ps C, P°PeC- PīPsP±C-C†PSC- CḡPμP°PeC†C-C— CḡPe PīC-CḡPμPeCíC-Cḡ C, P°
C-PSC,, PμPeC†C-C— PiPμCḡC...PSC-C... PrPēC...P°P»CHPsPēC... CēP»CḡC...C-PI, Cí
PrC-C, PμPNḡ CíPīPsCíC, PμCḡC-PiP°CḡC, CHCíCḡ C†P°CíC, C-CēPμ, PSC-P¶ Cí
PrPsCḡPsCíP»PēC... PīP°C†C-C" PSC, C-PI P· PμPīC-P»PμPīCíC-C" Cḡ (PrPēPI. CḡPsP·PrC-P»Pē
B«PŸPīPsCíC-P± P·P°CíC, PsCíCíPiP°PSPSCḡ C, P° PrPsP·PēB», B«PμPsP±C-C†PSC-
CḡPμP°PeC†C-C—B» C, P° B«PαP°CḡPjP°PePsPeC-PSPμC, PēPeP°B»).

PJ 12-C, PēP¶PSPμPiPsPjCí PīP»P°C†PμP±Ps-PePsPSC, CḡPsP»CHPsPiP°PSPsPjCí
PrPsCíP»C-PrP¶PμPSPSC- PrC-C, CḡPj PiCḡPēP·PSP°C†P°P»Pē PiCḡPμPiP°P±P°P»C-PS PīPs
2,5 PjPi/PePi/PrPsP±Cí (PjP°PeCíPēPjCíPj 150 PjPi/PrPsP±Cí), PiCḡPμPiP°P±P°P»C-PS PīPs 10
PjPi/PePi/PrPsP±Cí (PjP°PeCíPēPjCíPj 600 PjPi/PrPsP±Cí) P°P±Ps PīP»P°C†PμP±Ps.

РμСҖРөРSP°P№PjPSC- 50 % P·PjPμPSC€PμPSPSCЦ Pи°СҖС†С-Р°Р»СҖРSPөС...
 СҖС†РrPsPjPSPөС... PSP°Pи°РrС-PI, PиPsСҖС-PIPSCЦPSPs P· PиPsС†P°С,PePsPIPөPj
 СҖС-PIPSPμPj, СҖPиPsСҖС,РμСҖС-PиP°P»PsСҖСЦ СҖ 40,6 % PиP°С†С-С”PSC,С-PI, ЦЦPeС-
 PsС,СҖРөPjСҖPиP°P»Pө PиСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 10 PjPi/PePi PSP° РrPsP±СҖ
 (СҖ=0,0068 PиPsСҖС-PIPSCЦPSPs P· PиP»P°С†PμP±Ps), 29,1 % PиP°С†С-С”PSC,С-PI, ЦЦPeС-
 PsС,СҖРөPjСҖPиP°P»Pө PиСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 2,5 PjPi/PePi/РrPsP±СҖ (СҖ=0,2600
 PиPsСҖС-PIPSCЦPSPs P· PиP»P°С†PμP±Ps) С,Р° 22,6 % С,РөС..., С...С,Ps PsС,СҖРөPjСҖPиP°PI
 PиP»P°С†PμP±Ps.

PJ 14-РrPμPSPSPsPjСҖ PиP»P°С†PμP±Ps-PePsPSC,СҖPsP»СҖPsPIP°PSPsPjСҖ
 РrPsСҖP»C-РrP¶PμPSPSC- РrС-С,ЦЦPj (PIC-PePsPj PIC-Рr 1 PjC-СҖСЦС†СЦ РrPs PjPμPSC€Pμ
 4 СҖPsPeС-PI) PиСҖРөP·PSP°С†P°P»Pө PиСҖРμPиP°P±P°P»C-PS 7 PjPi/PePi/РrPsP±СҖ,
 PиСҖРμPиP°P±P°P»C-PS 14 PjPi/PePi/РrPsP±СҖ P°P±Ps PиP»P°С†PμP±Ps. РҖPμРrС-Р°PSPSP°
 РrPsP±PsPIP° С†P°СҖС,PsС,Р° СҖС†РrPsPj PSP° PIPөС...С-РrPSPsPjСҖ СҖС-PIPSC- С,Р° PSP°
 P·Р°PeP»СҖС†PSPsPjСҖ PIC-P·РөС,С- СҖС,Р°PSPsPIPөP»P° PIC-РrPиPsPIC-РrPSPs 4,7 С- 3,8
 РrP»CЦ PиСҖРμPиP°P±P°P»C-PSCҖ PI РrPsP·С- 7 PjPi/PePi/РrPsP±СҖ, 5,4 С,Р° 1,4 РrP»CЦ
 PиСҖРμPиP°P±P°P»C-PSCҖ PI РrPsP·С- 14 PjPi/PePi/РrPsP±СҖ С,Р° 2,9 С- 2,3 РrP»CЦ
 PиP»P°С†PμP±Ps. РμСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 14 PjPi/PePi/РrPsP±СҖ P·PSP°С†PSPs
 P·PjPμPSC€СҖPиP°PI P»PsPиP°СҖРөС,,PjC-С†PSPs PиPμСҖРμC,PIPsСҖРμPSCҖ С†P°СҖС,PsС,СҖ
 PиP°СҖС†С-Р°P»СҖРSPөС... СҖС†РrPsPjPSPөС... PSP°Pи°РrС-PI СҖ PиPsСҖС-PIPSCЦPSPSC- P·
 PиP»P°С†PμP±Ps (p = 0,0223); PиСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 7 PjPi/PePi/РrPsP±СҖ PSPμ
 PиСҖPsРrPμPjPsPSCҖС,СҖСҖPиP°PI PиPsPeСҖР°C%PμPSPSCЦ PиPsСҖС-PIPSCЦPSPs P·
 PиP»P°С†PμP±Ps.

PJ 12-С,РөP¶PSPμPIPsPjСҖ PиP»P°С†PμP±Ps-PePsPSC,СҖPsP»СҖPsPIP°PSPsPjСҖ
 РrPsСҖP»C-РrP¶PμPSPSC- PиP°С†С-С”PSC,С-PI С-Р· PиPμСҖPIPөPSPSPөPjPө
 PиPμPSPμСҖР°P»C-Р·PsPIP°PSPөPjPө C,PsPSC-PePs-PeP»PsPSC-С†PSPөPjPө (PμP“PҗPҖ)
 PSP°Pи°РrP°PjPө 219 PиP°С†С-С”PSC,Р°Pj PIC-PePsPj PIC-Рr 5 РrPs 65 СҖPsPeС-PI (P· PSPөС...
 66 PsСҖС-P± PIC-PePsPj PIC-Рr 5 РrPs 16 СҖPsPeС-PI) P±СҖP»Ps PиСҖРөP·PSP°С†PμPSPs
 PиСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 5 PjPi/PePi/РrPsP±СҖ (PjP°PeСҖPөPjСҖPj 300 PjPi/РrPsP±СҖ)
 P°P±Ps 10 PjPi/PePi/РrPsP±СҖ (PjP°PeСҖPөPjСҖPj 600 PjPi/РrPsP±СҖ) С†Pө PиP»P°С†PμP±Ps ЦЦPe
 РrPsPиPsPjC-P¶PSCҖ С,РμСҖР°PиC-СҖ. РμСҖРөPSP°P№PjPSC- 50 % P·PjPμPSC€PμPSPSCЦ
 С†P°СҖС,PsС,Рө РμP“PҗPҖ PSP°Pи°РrС-PI СҖPиPsСҖС,РμСҖС-PиP°P»PsСҖСЦ СҖ 41,3 %, 38,9 %
 С,Р° 41,7 % PиP°С†С-С”PSC,С-PI, ЦЦPeС- PsС,СҖРөPjСҖPиP°P»Pө PиСҖРμPиP°P±P°P»C-PS СҖ
 РrPsP·С- 5 PjPi/PePi/РrPsP±СҖ, PиСҖРμPиP°P±P°P»C-PS СҖ РrPsP·С- 10 PjPi/PePi/РrPsP±СҖ С,Р°
 PиP»P°С†PμP±Ps PIC-РrPиPsPIC-РrPSPs.

РҖPsPSPsС,РμСҖР°PиC-ЦЦ (СҖ PиP°С†С-С”PSC,С-PI P· СҖPиPμСҖС€Pμ
РrС-Р°PиPSPsСҖС,PsPIP°PSPөPj P·Р°С...PIPsСҖСҖPIP°PSPSCЦPj). РμСҖРμPиP°P±P°P»C-PS
 PIPөPIC†P°P»Pө PI С...PsРrС- 1 PePsPSC,СҖPsP»СҖPsPIP°PSPsPиPs PeP»C-PSC-С†PSPsPиPs
 РrPsСҖP»C-РrP¶PμPSPSCЦ С,СҖРөPIP°P»C-СҖС,СҖ 56 С,РөP¶PSC-PI P· СҖРμP¶PөPjPsPj
 РrPsP·СҖPIP°PSPSCЦ РrPIC-С†С- PSP° РrPsP±СҖ. РμСҖРө P·Р°СҖС,PsСҖСҖPиP°PSPSC-
 PиСҖРμPиP°P±P°P»C-PSCҖ PSPμ P±СҖP»Ps РrPsСҖСЦPиPSCҖС,Ps PsРrPSP°PePsPIPsPиPs
 СҖС-PIPSCЦ РμC,,РμPeС,РөPIPSPsСҖС,С- PиPsСҖС-PIPSCЦPSPs С-Р·
 P·Р°СҖС,PsСҖСҖPиP°PSPSCЦPj P»P°PjPsС,СҖРөPrP¶PөPSCҖ, P·PiC-РrPSPs P· PsС†С-PSPePsСҖ
 С†PμСҖРμP· 6 PjC-СҖСЦС†С-PI P·Р° PeС-PSC†PμPIPsСҖ С,PsС†PePsСҖ вҖҖ
 PIC-РrСҖСҖС,PSC-СҖС,СҖ СҖС†РrPsPjPSPөС... PSP°Pи°РrС-PI. РμСҖРμPиP°P±P°P»C-PS С-
 P»P°PjPsС,СҖРөPrP¶PөPS P±СҖP»Pө PsРrPSP°PePsPIPs P±PμP·PиPμС†PSPөPjPө С,Р° РrPsP±СҖРμ
 PиPμСҖРμPSPsСҖРөP»PөСҖСЦ.

вҖҖ P”PμPSPμСҖР°P»C-Р·PsPIP°PSPөP№ C,СҖРөPIPsP¶PSPөP№ СҖPsP·P»P°Рr.

СГРiPμC†PëC,,C-C†PSPëC... P±PsP»CHbPsPIPëC... C,PSc†PsPe). P"PsCГP»C-PrP¶PμPSPSC¶
PïC¶PsPrPμPjPsPSCГC,C¶CГPIP°P»Pë P·PSPëP¶PμPSPSC¶ P±PsP»C¶ P·P°
PIC-P·CГP°P»CHbPSPsC¶ P°PSP°P»PsPiPsPiPsC¶ CëPeP°P»PsC¶. PμPsPeC¶P°C%PμPSPSC¶
PrPsPrP°C,PePsPiPs P±CГP»Ps PïC¶PsPrPμPjPsPSCГC,C¶PsPIP°PSPs P·P° P·P°PiP°P»CHbPSPsC¶
PsC†C-PSPePsC¶ PiP°C†C-C"PSC,P° C,P° P·P° PsPiPëC,CГPIP°PSPSC¶Pj C%PsPrPs PiPiP»PëPICГ
C,,C-P±C¶PsPjC-P°P»PiC-C—.

P"C-C,Pë. P'CГP»Ps PïC¶PsPIPμPrPμPSPs PiP»P°C†PμP±Ps-
PePsPSC,C¶PsP»CHbPsPIP°PSPμ PrPsCГP»C-PrP¶PμPSPSC¶ C,C¶PëPIP°P»C-CГC,C¶ 15
C,PëP¶PSC-PI P· CГC†P°CГC,C¶ 107 PrC-C,PμPNë PIC-PePsPj 12B¶"17 C¶PsPeC-PI P·
C,,C-P±C¶PsPjC-P°P»PiC-C"C¶, C¶PeC- P·P°CГC,PScГPsPICГPIP°P»Pë
PïC¶PμPiP°P±P°P»C-PS CГ PrPsP·C- 75-450 PjPi PSP° PrPsP±CГ. P—P°
C¶PμP·CГP»CHbC,P°C,P°PjPë PsC†C-PSPePë PiPμC¶PIPëPSPSPsC— PeC-PSC†PμPiPsC—
C,PSc†PePë PμC,,PμPeC,PëPiPSPsCГC,C- (P·PjC-PSP° P·P°PiP°P»CHbPSPsC—
C-PSC,PμPSCГPëPiPSPsCГC,C- P±PsP»C¶ PIC-Pr P±P°P·PsPiPsPiPs C¶C-PIPSC¶ PrPs
C,PëP¶PSC¶ 15; C¶PsP·C¶P°C...PsPIP°PSPs P·P° PrPsPiPsPjPsPiPsC¶ 11-
P±P°P»CHbPSPsC— CëPeP°P»Pë PsC†C-PSC¶PIP°PSPSC¶) P±CГP»Ps
PïC¶PsPrPμPjPsPSCГC,C¶PsPIP°PSPs C†PëCГPμP»CHbPSPs P±C-P»CHbCëPμ
PiPsPeC¶P°C%PμPSPSC¶ CГC,P°PSCГ PiP°C†C-C"PSC,C-PI, C¶PeC-
P·P°CГC,PScГPsPICГPIP°P»Pë PïC¶PμPiP°P±P°P»C-PS, PiPsC¶C-PIPSC¶PSPs P·
PiP°C†C-C"PSC,P°PjPë, C¶PeC- PïC¶PëPNëPjP°P»Pë PiP»P°C†PμP±Ps, P°P»Pμ C†Pμ
PiPsPeC¶P°C%PμPSPSC¶ PSPμ PrPsCГC¶PiP»Ps CГC,P°C,PëCГC,PëC†PSPsC—
P·PSP°C†CГC%PsCГC,C-. PкP°PNëC†P°CГC,C-CëPëPjPë PiPsP±C-C†PSPëPjPë
C¶PμP°PeC†C-C¶PjPë, C¶PeC- CГPiPsCГC,PμC¶C-PiP°P»PëCГC¶ CГ
PeP»C-PSC-C†PSPëC... PrPsCГP»C-PrP¶PμPSPSC¶C..., P±CГP»Pë
P·P°PiP°PjPsC¶PsC†PμPSPSC¶, PSCГPrPsC,P°, PiPsP»PsPiPSPëPNë P±C-P»CHb,
P·P±C-P»CHbCëPμPSPSC¶ PjP°CГPë C,C-P»P° C,P° CГC,PSPjP»C¶PIP°PSC-CГC,C¶.
P—P°PiP°P»CHbPSPëPNë PïC¶PsC,,C-P»CHb P±PμP·PiPμPePë CГ PiC-PrP»C-C,PeC-PI
P±CГPI PiPsPrC-P±PSPëPj PrPs C,P°PePsPiPs CГ PrPsC¶PsCГP»PëC... C-P·
C,,C-P±C¶PsPjC-P°P»PiC-C"C¶.

PαP°C¶PjP°PePsPeC-PSPμC,PëPeP°.

PαP°C¶PjP°PePsPeC-PSPμC,PëC†PSC- PiPsPeP°P·PSPëPePë PïC¶PμPiP°P±P°P»C-PSCГ CГ
C¶C-PIPSPsPIP°P¶PSPsPjCГ CГC,P°PSC- P±CГP»Pë PiPsPrC-P±PSPëPjPë CГ P·PrPsC¶PsPIPëC...
PrPsP±C¶PsPiPsP»CHbC†C-PI, PiP°C†C-C"PSC,C-PI P· PμPiC-P»PμPiCГC-C"C¶, C¶PeC-
PïC¶PëPNëPjP°P»Pë PïC¶PsC,PëPμPiC-P»PμPiC,PëC†PSC- PïC¶PμPiP°C¶P°C,Pë, C,P° CГ
PiP°C†C-C"PSC,C-PI P· C...C¶PsPSC-C†PSPëPj P±PsP»PμPj.

P¶P±CГPsC¶P±C†C-C¶.

PμC¶PμPiP°P±P°P»C-PS CëPiPëPrPePs PICГPjPsPeC,CГC"C,CHbCГC¶ PïC¶Pë PïC¶PëPNëPsPjC-
PSP°C,C%Pμ C- PrPsCГC¶PiP°C" PjP°PeCГPëPjP°P»CHbPSPëC... PePsPSC†PμPSC,C¶P°C†C-PNë CГ
PiP»P°P·PjC- PeC¶PsPIC- PïC¶PsC,C¶PiPsPj 1 PiPsPrPëPSPë PiC-CГP»C¶
PsPrPSPsPeC¶P°C,PSPsPiPs P°P±Ps P±P°PiP°C,PsPeC¶P°C,PSPsPiPs
P·P°CГC,PScГCГPIP°PSPSC¶. P PsP·C¶P°C...PsPIP°PSP° P±C-PsPrPsCГC,CГPiPSC-CГC,C¶
PïC¶PμPiP°P±P°P»C-PSCГ PïC¶Pë PiPμC¶PsC¶P°P»CHbPSPsPjCГ P·P°CГC,PScГCГPIP°PSPSC-
CГC,P°PSPsPIPëC,CHb ≥ 90 % C- PSPμ P·P°P»PμP¶PëC,CHb PIC-Pr PrPsP·Pë. PμC¶Pë
P±P°PiP°C,PsPeC¶P°C,PSPsPjCГ P·P°CГC,PScГCГPIP°PSPSC- C¶C-PIPSPsPIP°P¶PSPëPNë
CГC,P°PS PrPsCГC¶PiP°C"C,CHbCГC¶ C†PμC¶PμP· 24B¶"48 PiPsPrPëPS. PëPiPëPrPeC-CГC,C¶

PICÍPjPsPeC,CrPIP°PSPSCÍ PíCĤPμPiP°P±P°P»C-PSCr P·PSPëP¶CfC”C,CHCÍCÍ PíCĤPë
PsPrPSPsC±P°CÍPSPsPjCr PíCĤPëPNëPsPjC- P· C—P¶PμCĤ, C%Ps PíCĤPëP·PIPsPrPëC,CH PrPs
P·PjPμPSCëPμPSPSCÍ PjP°PeCÍPëPjP°P»CHPSPsC— PePsPSC†PμPSC,CĤP°C†C-C— (C_{max})
PíCĤPëP±P»PëP·PSPs PSP° 25бĤ”30 % C- PíPsPrPsPIP¶PμPSPSCÍ P·PSP°C±PμPSCĤ
t_{max} PíCĤPëP±P»PëP·PSPs PrPs 2,5 PiPsPrPëPSPë. PhPrPSP°Pe PíCĤPëPNëPsPj
PíCĤPμPiP°P±P°P»C-PSCr PsPrPSPsC±P°CÍPSPs P· C—P¶PμCĤ PSPμ PjP°PI PeP»C-PSC-C±PSPs
P·PSP°C†CfC%PsPiPs PIPiP»PëPICr PSP° CÍC,CrPíC-PSCĤ PNëPsPiPs P°P±CÍPsCĤP±C†C-C—.

P PsP·PíPsPrC-P».

PJ C...PsPrC- PrPsPeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ P±CfP»Ps PíPsPeP°P·P°PSPs,
C%Ps PíCĤPμPiP°P±P°P»C-PS PíCĤPsPSPëPeP°C” PeCĤC-P·CH
PiPμPjP°C,PsPμPSC†PμC,,P°P»C-C±PSPëPNë P±P°CĤбĤ™C”CĤ Cr PjPëCëPμPNë, C%CrCĤC-PI C-
PjP°PI Pí. P’CfP»Ps PICÍC,P°PSPsPIP»PμPSPs, C%Ps PíCĤPμPiP°P±P°P»C-PS PíCĤPsPSPëPeP°C”
PeCĤC-P·CH PíP»P°C†PμPSC,Cr Cr C%CrCĤC-PI C- Cr PjPsP»PsPePs C%CrCĤC-PI Cr
PíPμCĤC-PsPr P»P°PeC,P°C†C-C—. PJ P»CĤPrPëPSPë PsP±бĤ™C”Pj CĤPsP·PíPsPrC-P»Cr
PíCĤPμPiP°P±P°P»C-PSCr PíC-CÍP»CÍ PíPμCĤPsCĤP°P»CHPSPsPiPs
P·P°CÍC,PsCÍCfPIP°PSPSCÍ CÍC,P°PSPsPIPëC,CH PíCĤPëP±P»PëP·PSPs 0,56 P»/PePi.
PμCĤPμPiP°P±P°P»C-PS PSPμ P·PIбĤ™CÍP·CfC”C,CHCÍCÍ P· P±C-P»PeP°PjPë PíP»P°P·PjPë
PeCĤPsPIC-.

PĤPμC,P°P±PsP»C-P·Pj.

PJ P»CĤPrPëPSPë PíCĤPμPiP°P±P°P»C-PS P·P°P·PSP°C” PSPμP·PSP°C±PSPsPiPs
PjPμC,P°P±PsP»C-P·PjCr. PμC-CÍP»CÍ PIPiPμPrPμPSPSCÍ PrPsP·Pë PjC-C±PμPSPsPiPs
CĤP°PrC-PsP°PeC,PëPIPSsCĤ PjC-C,PePsCĤ PíCĤPμPiP°P±P°P»C-PSCr P±P»PëP·CHPePs 98 %
CĤP°PrC-PsP°PeC,PëPIPSsC— CĤPμC±PsPIPëPSPë PIPëPIPsPrPëP»PsCÍCÍ P· CÍPμC±PμCĤ Cr
PIPëPiP»CÍPrC- PSPμP·PjC-PSPμPSPsPiPs PíCĤPμPiP°P±P°P»C-PSCr. PšP°CÍC,PeP° N-
PjPμC,PëP»CHPsPIP°PSPsC— PíPsC...C-PrPSPsC— PíCĤPμPiP°P±P°P»C-PSCr бĤ”
PsCÍPSPsPIPSPsPiPs PjPμC,P°P±PsP»C-C,Cr P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cr, C%Ps
PIPëP·PSP°C±P°PICÍCÍ PI CÍPμC±C-, - CÍC,P°PSPsPIPëP»P° 0,9 % PIPiPμPrPμPSPsC— PrPsP·Pë.
PμC-Pr C±P°CÍ PrPsPeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ PSPμ
PIC-PrP±CfPIP°P»PsCÍCÍ CĤP°C†PμPjC-P·P°C†C-C— S-PμPSP°PSC,C-PsPjPμCĤP°
PíCĤPμPiP°P±P°P»C-PSCr PI R-PμPSP°PSC,C-PsPjPμCĤ.

P’PëPIPμPrPμPSPSCÍ.

PμCĤPμPiP°P±P°P»C-PS PIPëPIPsPrPëC,CHCÍCÍ P· CÍPëCÍC,PμPjPSPsPiPs PeCĤPsPIPSC,PsPeCf
PI PSPμP·PjC-PSPμPSPsPjCr PIPëPiP»CÍPrC-, PíPμCĤPμPiP°P¶PSPs PSPëCĤPeP°PjPë.
PŸPμCĤPμPrPSC-PNë PíPμCĤC-PsPr PSP°PíC-PIPIPëPIPμPrPμPSPSCÍ PíCĤPμPiP°P±P°P»C-PSCr
CÍC,P°PSPsPIPëC,CH 6,3 PiPsPrPëPSPë. PμP»P°P·PjPsPIPëPNë C,P° PSPëCĤPePsPIPëPNë
PeP»C-CĤPμPSCÍ PíCĤPμPiP°P±P°P»C-PSCr PíCĤCÍPjPs PíCĤPsPíPsCĤC†C-PNëPSC- PrPs
PeP»C-CĤPμPSCÍCr PeCĤPμP°C,PëPSC-PSCr (PrPëPI. CĤPsP·PrC-P»
B«PαP°CĤPjP°PePsPeC-PSPμC,PëPeP°. PkPëCĤPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CHB»).

PμP°C†C-C”PSC,P°Pj P· PíPsCĤCrCëPμPSPSCÍPj C,,CfPSPeC†C-C— PSPëCĤPsPe P°P±Ps
PíP°C†C-C”PSC,P°Pj PSP° PiPμPjPsPrC-P°P»C-P·C- PSPμPsP±C...C-PrPSP° PePsCĤPμPeC†C-CÍ
PrPsP·Pë P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cr (PrPëPI. CĤPsP·PrC-P» B«PŸPíPsCÍC-P±
P·P°CÍC,PsCÍCfPIP°PSPSCÍ C,P° PrPsP·PëB», C,P°P±P»PëC†CÍ).

P>C-PSC-PNëPSC-CÍC,CH/PSpμP»C-PSC-PNëPSC-CÍC,CH.

$\text{P}\alpha\text{P}^\circ\text{C}\overline{\text{H}}\text{PjP}^\circ\text{PePsPeC-PS}\overline{\text{P}}\mu\text{C}, \text{P}\overline{\text{e}}\text{PeCr} \text{ P}\overline{\text{i}}\text{C}\overline{\text{H}}\text{P}\mu\text{PiP}^\circ\text{P}\pm\text{P}^\circ\text{P}\gg\text{C-PSCr} \text{ PsC}\overline{\text{t}}\text{C-PS}\overline{\text{C}}\overline{\text{H}}\text{PIP}^\circ\text{P}\gg\text{P}\overline{\text{e}} \text{ P} \cdot$
 $\text{CrC}\overline{\text{t}}\text{P}^\circ\text{C}\overline{\text{f}}\text{C}, \text{C}\overline{\text{H}} \text{ PrC-C}, \text{P}\mu\text{PN}\overline{\text{e}} \text{ P} \cdot \text{P}\mu\text{P}\overline{\text{i}}\text{C-P}\gg\text{P}\mu\text{P}\overline{\text{i}}\text{C}\overline{\text{f}}\text{C-C}^\circ\text{C}\overline{\text{H}} \text{ (PIC-PePsPIC- PiC}\overline{\text{H}}\text{CrP}\overline{\text{i}}\text{P}\overline{\text{e}}: \text{PIC-Pr} \text{ 1 PrPs}$
 $23 \text{ PjC-C}\overline{\text{f}}\text{C}\overline{\text{t}}\text{C}\overline{\text{t}}\text{C-PI, PIC-Pr} \text{ 2 PrPs} \text{ 6 C}\overline{\text{H}}\text{PsPeC-PI, PIC-Pr} \text{ 7 PrPs} \text{ 11 C}\overline{\text{H}}\text{PsPeC-PI C- PIC-Pr} \text{ 12}$
 $\text{PrPs} \text{ 16 C}\overline{\text{H}}\text{PsPeC-PI) P}\overline{\text{i}}\text{C}\overline{\text{H}}\text{P}\overline{\text{e}} \text{ P} \cdot \text{P}^\circ\text{C}\overline{\text{f}}\text{C}, \text{PsC}\overline{\text{f}}\text{CrPIP}^\circ\text{PSPSC- PrPsP} \cdot \text{2,5 PjPi/PePi/PrPsP}\pm\text{Cr}, \text{5}$
 $\text{PjPi/PePi/PrPsP}\pm\text{Cr}, \text{10 PjPi/PePi/PrPsP}\pm\text{Cr} \text{ C}, \text{P}^\circ \text{ 15 PjPi/PePi/PrPsP}\pm\text{Cr} \text{ PI C...PsPrC-}$
 $\text{PrPsC}\overline{\text{f}}\text{P}\gg\text{C-PrP}\overline{\text{t}}\text{P}\mu\text{PSPSC}\overline{\text{t}} \text{ C}, \text{P}^\circ\text{C}\overline{\text{H}}\text{PjP}^\circ\text{PePsPeC-PS}\overline{\text{P}}\mu\text{C}, \text{P}\overline{\text{e}}\text{PeP}\overline{\text{e}} \text{ C}, \text{P}^\circ$

[illegible]

Pj C...PsPrC- PiPsPiCrP»C¼C†C-PN₆PSPsPiPs C,,P°CĤPjP°PePsPeC-PSPµC,PëC‡PSPsPiPs
P°PSP°P»C-P·Cr P±CrP»Ps PiPsPeP°P·P°PSPs, C%₀Ps PeP»C-CĤPµPSCĬ PeCĤPµP°C,PëPSC-PSCr
P±CrPI P·PSP°C‡CrC%₀PsCĤ PePsPIP°CĤC-P°C,PsCĤ PrP»C¼ PeP»C-CĤPµPSCĬCr
PiPµCĤPsCĤP°P»CH₆PSPsPiPs PiCĤPµPiP°P±P°P»C-PSCr, P° PjP°CĬP° C,C-P»P° P±CrP»P°
P·PSP°C‡CrC%₀PsCĤ PePsPIP°CĤC-P°C,PsCĤ PrP»C¼ CrC¼PIPSPsPiPs PsP±BĤ™ C”PjCr
CĤPsP·PiPsPrC-P»Cr PiPµCĤPsCĤP°P»CH₆PSPsPiPs PiCĤPµPiP°P±P°P»C-PSCr, C- C†PµPN₆
P·PiBĤ™ C¼P·PsPe P±CrPI P°PSP°P»PsPiC-C‡PSPëPj Cr PrC-C,PµPN₆ C- PrPsCĤPsCĬP»PëC...
PiP°C†C-C”PSC,C-PI.

РиР°С†С-С"РSC,Рё Р»С-С,РSCHbРsРiРs РlС-РeСr'.

P°PsPrCfPIP°PSPSCl PiChCfPrPrCh.

P α P $^{\circ}$ C $\overline{H}$ PjP $^{\circ}$ PePsPeC-PSPI μ C,P $\overline{e}$ PeCr $\overline{P}$ P $\overline{i}$ C $\overline{H}$ P μ PiP $^{\circ}$ P $\pm$ P $^{\circ}$ P $\gg$ C-PSCr $\overline{P}$ P $\overline{i}$ C $\overline{H}$ P $\overline{e}$ PNePsPiPs
P $\cdot$ P $^{\circ}$ C $\overline{I}$ C,P $\overline{s}$ C $\overline{I}$ CrPIP $^{\circ}$ PSPSC- Cr PrPsP $\cdot$ C- 150 PjPi PePsP $\overline{P}$ PS- 12 PiPsPrP $\overline{e}$ PS (PrPsP $\pm$ PsPIP $^{\circ}$
PrPsP $\cdot$ P $^{\circ}$ 300 PjPi) PsC $\dagger$ C-PSC $\overline{H}$ PIP $^{\circ}$ P $\gg$ P $\overline{e}$ Cr 10 P $\overline{P}$ C-PSPsPe, Cl $\overline{U}$ PeC- PiPsPrCr $\overline{P}$ PIP $^{\circ}$ P $\gg$ P $\overline{e}$

PiCḡCfPrPrCḡ, C%PsPSP°PNḡPjPμPSC€Pμ C†PμCḡPμP· 12 C,PëP¶PSC-PI PīC-CḡP»Cḡ
PīPsP»PsPiC-PI. P°PsPrCfPIP°PSPSCḡ PiCḡCfPrPrCḡ PSPμ PIPiP»PëPIP°P»Ps P°P±Ps PjP°P»Ps
PSPμP·PSP°C†PSPëPNḡ PIPiP»PëPI PSP° C„P°CḡPjP°PePsPeC-PSPμC,PëPeCf
PīCḡPμPiP°P±P°P»C-PSCf. PμCḡPμPiP°P±P°P»C-PS PīCḡPsPSPëPeP°PI Cf PiCḡCfPrPSPμ
PjPsP»PsPePs, PīCḡPë C†CHḡPsPjCf PNḡPsPiPs CḡPμCḡPμPrPSC- PePsPSC†PμPSC,CḡP°C†C-C— PI
CḡC-PIPSsPIP°P¶PSPsPjCf CḡC,P°PSC- CḡC,P°PSPsPIPëP»Pë P±P»PëP·CHḡPePs 76 %
PePsPSC†PμPSC,CḡP°C†C-PNḡ Cf PīP»P°P·PjC- PeCḡPsPIC- PjP°C,PμCḡC-.
P PsP·CḡP°C...PsPIP°PSP° PrPsP·P°, CḡPeCf PsC,CḡPëPjCfC” PSPμPjPsPIP»Cḡ P·
PiCḡCfPrPSPëPj PjPsP»PsPePsPj (PīCḡPë CḡPμCḡPμPrPSCḡPsPjCf CḡPīPsP¶PëPIP°PSPSC-
PjPsP»PsPeP° 150 PjP»/PePi/PrPsP±Cf) PIC-Pr P¶C-PSPePë, CḡPeP° PīCḡPëPNḡPjP°C”
PīCḡPμPiP°P±P°P»C-PS Cf PrPsP·C- 300 PjPi/PrPsP±Cf P°P±Ps Cf PjP°PeCḡPëPjP°P»CHḡPSC-PNḡ
PrPsP·C- 600 PjPi/PrPsP±Cf, CḡC,P°PSPsPIPëC,CHḡ 0,31 P°P±Ps 0,62 PjPi/PePi/PrPsP±Cf
PIC-PrPīPsPIC-PrPSPs. P|C- CḡPsP·CḡP°C...PsPIP°PSC- PrPsP·Pë CḡC,P°PSPsPIP»CḡC,CHḡ
PīCḡPëP±P»PëP·PSPs 7 % P·P°PiP°P»CHḡPSPsC— PrPsP±PsIPsC— PrPsP·Pë PjP°C,PμCḡC- Cf
PīPμCḡPμCḡP°C...CfPIP°PSPSC- PSP° PjPi/PePi.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPëCḡC,PëPePë.

PμPsPeP°P·P°PSPSCḡ.

PkPμPNḡCḡPsPīP°C,PëC†PSPëPNḡ P±C-P»CHḡ.

P>C-PeCfPIP°PSPSCḡ PSPμPNḡCḡPsPīP°C,PëC†PSPsPiPs P±PsP»Cḡ
PīPμCḡPëC„PμCḡPëC†PSPsPiPs P°P±Ps C†PμPSC,CḡP°P»CHḡPSPsPiPs PīPsC...PsPrP¶PμPSPSCḡ
Cf PrPsCḡPsCḡP»PëC.... P·PīC-P»PμPīCḡC-Cḡ.

PīPe PrPsPrP°C,PePsPIPμ P»C-PeCfPIP°PSPSCḡ PīCḡPë PīP°CḡC†C-P°P»CHḡPSPëC...
CḡCfPrPsPjPSPëC... PSP°PīP°PrP°C... C-P· PIC,PsCḡPëPSPSPsCḡ
PiPμPSPμCḡP°P»C-P·P°C†C-C”Cḡ P°P±Ps P±PμP· PSPμC—.

P°PμPSPμCḡP°P»C-P·PsPIP°PSPëPNḡ C,CḡPëPIPpsP¶PSPëPNḡ CḡPsP·P»P°Pr.

P>C-PeCfPIP°PSPSCḡ PiPμPSPμCḡP°P»C-P·PsPIP°PSPsPiPs C,CḡPëPIPpsP¶PSPsPiPs
CḡPsP·P»P°PrCf Cf PrPsCḡPsCḡP»PëC....

PḡC-P±CḡPsPjC-P°P»PiC-Cḡ.

PμCḡPsC,PëPīPsPeP°P·P°PSPSCḡ.

P”C-PīPμCḡC†CfC,P»PëPIC-CḡC,CHḡ PrPs PrC-CḡC†PsC— CḡPμC†PsPIPëPSPë P°P±Ps PrPs
P±CfPrCHḡ-CḡPePsC— P· PrPsPīPsPjC-P¶PSPëC... CḡPμC†PsPIPëPS P»C-PeP°CḡCḡCHḡPePsPiPs
P·P°CḡPsP±Cf.

**P’P·P°C”PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHḡPePëPjPë
P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNḡ.**

PḡCḡPeC-P»CHḡPePë PīCḡPμPiP°P±P°P»C-PS PμPeCḡPeCḡPμC,CfC”C,CHḡCḡCḡ

$\text{P}^{\text{IP}}\mu\text{C}\overline{\text{H}}\mu\text{P}^{\text{IP}}\text{P}^{\text{IP}}\text{PSPs}$ C^{r} $\text{PSP}\mu\text{P}\cdot\text{PjC}-\text{PSP}\mu\text{PSPsPjC}^{\text{r}}$ $\text{PIP}\ddot{\text{e}}\text{PiP}\gg\text{C}\overline{\text{I}}\text{P}^{\text{r}}\text{C}-\text{P}\cdot\text{C}^{\text{r}}\mu\text{C}\ddot{\text{H}}\mu\text{C}\overline{\text{H}}$,
 $\text{P}\cdot\text{P}^{\circ}\text{P}\cdot\text{PSP}^{\circ}\text{C}''$ $\text{PSP}\mu\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddot{\text{H}}\text{PSPsPiPs}$ $\text{Pj}\mu\text{C},\text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{C}-\text{P}\cdot\text{PjC}^{\text{r}}$ PI $\text{PsC}\overline{\text{H}}\text{PiP}^{\circ}\text{PSC}-\text{P}\cdot\text{PjC}-$
 $\text{P}\gg\text{C}\overline{\text{H}}\text{PrP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}$ ($\leq 2\%$ $\text{PrPsP}\cdot\text{P}\ddot{\text{e}}$ $\text{PIP}\ddot{\text{e}}\text{PrC}-\text{P}\gg\text{C}\overline{\text{I}}\text{C}''\text{C},\text{C}\overline{\text{H}}\text{C}^{\text{r}}\text{C}\overline{\text{I}}\text{C}$ $\text{C}-\text{P}\cdot\text{C}^{\text{r}}\mu\text{C}\ddot{\text{H}}\mu\text{C}\overline{\text{H}}$ C^{r} $\text{C},\text{PsC}\overline{\text{H}}\text{PjC}-$
 $\text{Pj}\mu\text{C},\text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{C}-\text{C},\text{C}-\text{PI}$), $\text{PSP}\mu$ $\text{C}-\text{PSPiC}-\text{P}\pm\text{C}^{\text{r}}\text{C}''$ $\text{Pj}\mu\text{C},\text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{C}-\text{P}\cdot\text{Pj}$ $\text{C}-\text{PSC}\overline{\text{e}}\text{P}\ddot{\text{e}}\text{C}\dots$
 $\text{PiC}\overline{\text{H}}\mu\text{PiP}^{\circ}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C},\text{C}-\text{PI}$ *in vitro* $\text{C}-\text{PSP}\mu$ $\text{P}\cdot\text{PiB}\overline{\text{H}}^{\text{TM}}\text{C}\overline{\text{I}}\text{P}\cdot\text{C}^{\text{r}}\text{C}''\text{C},\text{C}\overline{\text{H}}\text{C}^{\text{r}}\text{C}\overline{\text{I}}\text{C}$ $\text{P}\cdot\text{P}\pm\text{C}-\text{P}\gg\text{PeP}^{\circ}\text{PjP}\ddot{\text{e}}$
 $\text{PiP}\gg\text{P}^{\circ}\text{P}\cdot\text{PjP}\ddot{\text{e}}$ $\text{PeC}\overline{\text{H}}\text{PsPIC}-$, C,Ps $\text{PjP}^{\circ}\text{P}\gg\text{PsPN}\ddot{\text{e}}\text{PjPsPIC}-\text{C}\overline{\text{H}}\text{PSPs}$, $\text{C}\%_{\text{Ps}}$ $\text{PiC}\overline{\text{H}}\mu\text{PiP}^{\circ}\text{P}\pm\text{P}^{\circ}\text{P}\gg\text{C}-\text{PS}$
 $\text{PjPsP}\overline{\text{H}}\mu$ $\text{C}^{\text{r}}\text{PiC}\overline{\text{H}}\text{P}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PSC}\overline{\text{I}}\text{C},\text{P}\ddot{\text{e}}$ $\text{C},\text{P}^{\circ}\text{C}\overline{\text{H}}\text{PjP}^{\circ}\text{PePsPeC}-\text{PSP}\mu\text{C},\text{P}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{PSC}^{\text{r}}$ $\text{PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{C}\overline{\text{H}}$
 $\text{P}^{\circ}\text{P}\pm\text{Ps}$ $\text{P}\pm\text{C}^{\text{r}}\text{C},\text{P}\ddot{\text{e}}$ $\text{PsP}\pm\text{B}\overline{\text{H}}^{\text{TM}}\text{C}''\text{PeC},\text{PsPj}$ $\text{C},\text{P}^{\circ}\text{PePsC}-\text{PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{C}-$.

PÿP°PePëPj C‡PëPSPsPj, Cr PrPsCÍP»C-PrP¶PµPSPSCЦC... *in vivo* PSPµ
CÍPíPsCÍC,PµCĤC-PiP°P»PsCÍCЦ PeP»C-PSC-C‡PSPs P·PSP°C‡CrC‰PsC—
C,,P°CĤPjP°PePsPeC-PSPµC,PëC‡PSPsC— PIP·P°C”PjPsPrC-C— PjC-P¶
PíCĤPµPiP°P±P°P»C-PSPsPj C- C,,PµPSC-C,PsC—PSPsPj, PeP°CĤP±P°PjP°P·PµPíC-PSPsPj,
PIP°P»CHPíCĤPsC”PIPsCĤ PePëCÍP»PsC,PsCĤ, P»P°PjPsC,CĤPëPrP¶PëPSPsPj,
PiP°P±P°PiPµPSC,PëPSPsPj, P»PsCĤP°P·PµPiP°PjPsPj, PsPeCÍPëPePsPrPsPSPsPj P°P±Ps
PµC,P°PSPsP»PsPj. PµPsPiCrP»CЦC†C-PNëPSPëPNë C,,P°CĤPjP°PePsPeC-PSPµC,PëC‡PSPëPNë
P°PSP°P»C-P·PíCĤPsPrPµPjPsPSCÍC,CĤCrPIP°PI, C‰Ps PiPµCĤPsCĤP°P»CHPSC-
PíCĤPsC,PëPrC-P°P±PµC,PëC‡PSC- P·P°CÍPsP±Pë, PrC-CrCĤPµC,PëPePë, C-PSCÍCrP»C-PS,
C,,PµPSPsP±P°CĤP±C-C,P°P», C,C-P°PiP°P±C-PS C- C,PsPiC-CĤP°PjP°C, PSPµ PjP°CĤC,CH
PeP»C-PSC-C‡PSPs P·PSP°C‡CrC‰PsPiPs PIPiP»PëPICr PSP° PeP»C-CĤPµPSCÍ
PíCĤPµPiP°P±P°P»C-PSCr.

PhPrPSPsC†P°C†PSPμ P·P°C†C,PSC†C†PIP°PSPSC† P†C†PμPiP°P±P°P»C-PSC† P·
PiPμC†PSC†P°P»CHBPSPëPjPë PePsPSC,C†P°C†PμPiC,PëPIP°PjPë,
PSPsC†PμC,PëC†C,PμC†PSPsPj C,P° (P°P±Ps) PμC,PëPSC-P»PμC†C,C†P°PrC-PsP»PsPj PSPμ
PIPiP»PëPIP°C" PSP° C,,P°C†PjP°PePsPeC-PSPμC,PëPeC† C†C-PIPSsPIP°P¶PSPsPiPs
C†C,P°PSC† P¶PsPrPSPsPiPs P· C†PëC... P»C-PeP°C†C†CHPePëC... P·P°C†PsP±C-PI.

PμCḤPμPiP°P±P°P»C-PS PjPsP¶Pμ PīPsC,PμPSC†C-ČḤPIP°C,Pē PμC,,PμPeC,Pē PμC,P°PSPsP»Cř
 C,P° P»PsCḤP°P·PμPiP°PjCř. PJ PePsPSC,CḤPsP»CḤPsPIP°PSPëC... PeP»C-PSC-C‡PSPëC...
 PrPsCřP»C-PrP¶PμPSPSC¶C... PsPrPSPsC‡P°CřPSPμ P±P°PiP°C,PsPeCḤP°C,PSPμ
 PīPμCḤPsCḤP°P»CḤPSPμ P·P°CřC,PsCřCřPIP°PSPSC¶ PīCḤPμPiP°P±P°P»C-PSCř P·
 PsPeCřPëPePsPrPsPSPsPj, P»PsCḤP°P·PμPiP°PjPsPj P°P±Ps PμC,P°PSPsP»PsPj PSPμ
 PīCḤPëP·PIPsPrPëP»Ps PrPs PeP»C-PSC-C‡PSPs P·PSP°C‡CřC%PsPiPs PIPīP»PëPICř PSP°
 C,,CřPSPeC†C-ČḤ PrPëC...P°PSPSC¶. P,, PSP°C¶PIPSC- PrP°PSC- PīCḤPs PIPëPiP°PrPePë
 PrPëC...P°P»CḤPSPsC— PSPμPrPsCřC,P°C,PSPsCřC,C-, PePsPjPë C,P° P»PμC,P°P»CḤPSPsPiPs
 PSP°CřP»C-PrPeCř Cř PīP°C†C-C”PSC,C-PI, C¶PeC- PīCḤPëPñPjP°P»Pë PīCḤPμPiP°P±P°P»C-PS
 CḤP°P·PsPj P· PsPiC-PsC—PrP°PjPë C,P° C-PSC€PëPjPë P»C-PeP°CḤCřCḤPePëPjPë
 P·P°CřPsP±P°PjPë, C%Ps PīCḤPëPiPSC-C‡CřCḤC,CḤ C,,CřPSPeC†C-ČḤ PīPķPŸ, P·PsPeCḤPμPjP°
 Cř PīP°C†C-C”PSC,C-PI, C¶PeC- P·P»PsPIP¶PëPIP°CḤC,CḤ C,P°PePëPjPë
 CḤPμC‡PsPIPëPSP°PjPë. PμCḤPμPiP°P±P°P»C-PS, C-PjPsPIC-CḤPSPs, PīPsCřPëP»CḤC”
 PīPsCḤCřC€PμPSPSC¶ PePsPiPSC-C,PëPIPSPëC... C,P° PsCřPSPsPIPSPëC... PjPsC,PsCḤPSPëC...
 C,,CřPSPeC†C-Pñ, C%Ps CřPīCḤPëC‡PëPSPuPSC- PsPeCřPëPePsPrPsPSPsPj.

P'P·P°C" PjPsPrC-C— Cž PiP°C†C-C" PSC,C-PI P»C-C, PSCĤPsPiPs PIC-PeCž.

PŸPiPµC†C-P°P»CHPSPëC... PrPsC†P»C-PrP¶PµPSCĤ C,,P°CĤPjP°PePsPrPëPSP°PjC-C†PSPsC—
PIP·P°C" PjPsPrC-C— P· C†C†P°C†C,CĤ PrPsP±CĤPsPIPsP»CHC†C-PI P»C-C,PSCĤPsPiPs
PIC-PeC† PSPµ PiCĤPsPIPsPrPëP»Pë. P"PsC†P»C-PrP¶PµPSPSCĤ PIP·P°C" PjPsPrC-C—
P»C-PeP°CĤC†CHPePëC... P·P°C†PsP±C-PI PiCĤPsPIPsPrPëP»Pë P»PëCëPµ C†
PrPsCĤPsC†P»PëC... PiP°C†C-C" PSC,C-PI.

PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†CžPIP°PSPSCĤ.

PµP°C†C-C" PSC,Pë P· C†CžPeCĤPsPIPëPj PrC-P°P±PµC,PsPj.

P'C-PrPiPsPIC-PrPSPs PrPs C†PëPSPSPsC— PeP»C-PSC-C†PSPsC— PiCĤP°PeC,PëPePë,
PrPµCĤPeC- PiP°C†C-C" PSC,Pë P· C†C†PeCĤPsPIPëPj PrC-P°P±PµC,PsPj, PjP°C†P° C,C-P»P°
CĤPePëC... P·P±C-P»CHCëPëP»P°C†CĤ PiC-Pr C†P°C† C,PµCĤP°PiC-C—
PiCĤPµPiP°P±P°P»C-PSPsPj, PjPsP¶C†C,CH PiPsC,CĤPµP±C†PIP°C,Pë PePsCĤPµPeC†C-C—
PrPsP·Pë C†C†PeCĤPsP·PSPëP¶C†PIP°P»CHPSPëC... P»C-PeP°CĤC†CHPePëC... P·P°C†PsP±C-PI.

P PµP°PeC†C-C— PiC-PiPµCĤC†CžC,P»PëPIPsC†C,C-.

P,, PSP°CĤPIPsC- PrP°PSC- PiCĤPs CĤPsP·PIPëC,PsPe CĤPµP°PeC†C-PNë
PiC-PiPµCĤC†C†C,P»PëPIPsC†C,C-, PIPeP»CHC†P°CHC†Pë P°PSPiC-PsPSPµPICĤPsC,PëC†PSPëPNë
PSP°P±CĤCĤPe PiCĤPë P·P°C†C,PsC†C†PIP°PSPSC- PiCĤPµPiP°P±P°P»C-PSC†. PµCĤPë
PIPëPSPëPePSPµPSPSC- C,P°PePëC... C†PëPjPiC,PsPjC-PI P°PSPiC-PsPSPµPICĤPsC,PëC†PSPsPiPs
PSP°P±CĤCĤPeC† CĤPe PSP°P±CĤCĤPe PsP±P»PëC†C†CĤ, PiPµCĤC-PsCĤP°P»CHPSPëPNë
PSP°P±CĤCĤPe P°P±Ps PSP°P±CĤCĤPe PIPµCĤC...PSC-C... PrPëC...P°P»CHPSPëC...
CëP»CĤC...C-PI P·P°C†C,PsC†C†PIP°PSPSCĤ PiCĤPµPiP°P±P°P»C-PSC† C†P»C-Pr
PSPµPiP°PNëPSPs PiCĤPëPiPëPSPëC,Pë.

PŸCĤP¶PeC- CëPeC-CĤPSC- CĤPµP°PeC†C-C—.

PJ P·PiBĤ™ CĤP·PeC† P· P»C-PeC†PIP°PSPSCĤPj PiCĤPµPiP°P±P°P»C-PSPsPj CĤC-PrPePs
PiPsPIC-PrPsPjP»CĤP»PsC†CĤ PiCĤPs C,CĤP¶PeC- CëPeC-CĤPSC- PiPsP±C-C†PSC-
CĤPµP°PeC†C-C—, PIPeP»CHC†P°CHC†Pë C†PëPSPrCĤPsPj PŸC,C-PIPµPSC†P°-
P"¶PsPSC†PsPSP° C,P° C,PsPeC†PëPePs-PµPiC-PrPµCĤPjP°P»CHPSPëPNë PSPµPeCĤPsP»C-P·,
CĤPeC- PjPsP¶C†C,CH P±C†C,Pë PSPµP±PµP·PiPµC†PSPëPjPë PrP»CĤ P¶PëC,C,CĤ P°P±Ps
PjP°C,Pë P»PµC,P°P»CHPSPëPNë PSP°C†P»C-PrPsPe.

PµC-Pr C†P°C† PiCĤPëP·PSP°C†PµPSPSCĤ P»C-PeP°CĤC†CHPePsPiPs P·P°C†PsP±C†
PiP°C†C-C" PSC,C-PI C†P»C-Pr PiCĤPsC-PSC,,PsCĤPjC†PIP°C,Pë PiCĤPs PsP·PSP°PePë C,P°
C†PëPjPiC,PsPjPë C,P° C†PIP°P¶PSPs C†C,PµP¶PëC,Pë P·P° CëPeC-CĤPSPëPjPë
CĤPµP°PeC†C-CĤPjPë. PJ CĤP°P·C- PiPsCĤPIPë PsP·PSP°Pe C,P° C†PëPjPiC,PsPjC-PI, C‰Ps
PIPeP°P·C†CHC,CH PSP° C†C- CĤPµP°PeC†C-C—, C†P»C-Pr PSPµPiP°PNëPSPs
PIC-PrPjC-PSPëC,Pë P·P°C†C,PsC†C†PIP°PSPSCĤ PiCĤPµPiP°P±P°P»C-PSC† C,P°
CĤPsP·PiP»CĤPSC†C,Pë P°P»CHC,PµCĤPSP°C,PëPIPsPµ P»C-PeC†PIP°PSPSCĤ (C† CĤP°P·C-
PSPµPsP±C...C-PrPSPsC†C,C-).

P-P°PiP°PjPsCĤPsC†PµPSPSCĤ, C†PsPSP»PëPIC-C†C,CH, PIC,CĤP°C,P°
C†PIC-PrPsPjPsC†C,C-, C†PiP»CžC,P°PSC-C†C,CH C†PIC-PrPsPjPsC†C,C- C,P°
PiPsCĤCžCëPµPSPSCĤ PiC†PëC...C-PePë.

P—P°CÍC,PsCÍCfPIP°PSPSCÍ PíCĤPμPiP°P±P°P»C-PSCÍ CÍCfPíCĤPsPIPsPrP¶CfPIP°P»PsCÍCÍ PíPsCÍPIPsCĤ P·P°PíP°PjPsCĤPsC±PμPSPSCÍ C,P° CÍPsPSP»PëPIPsCÍC,C-, C°Ps PjPsP¶Pμ P·P±C-P»CHC€PëC,Pë CĤPëP·PëPe PIPëPSPëPePSPμPSPSCÍ C,CĤP°PIPjP°C,PëC±PSPëC... PIPëPíP°PrPeC-PI (PíP°PrC-PSPSCÍ) CÍ PíP°C†C-C"°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PëCÍ. P,, PSP°CÍPIPSC- PrP°PSC- PíCĤPs PIPëPíP°PrPePë PIC,CĤP°C,Pë CÍPIC-PrPsPjPsCÍC,C-, CÍPíP»CÍC,P°PSPsCÍC,C- CÍPIC-PrPsPjPsCÍC,C- C,P° PíPsCĤCfC€PμPSPSCÍ PíCÍPëC...C-PëPë PíCĤPë P·P°CÍC,PsCÍCfPIP°PSPSC- PíCĤPμPiP°P±P°P»C-PSCÍ. PJ P·PIbĤ™ CÍP·PeCÍ P· C†PëPj PíP°C†C-C"°PSC,P°Pj CÍP»C-Pr CĤPμPePsPjPμPSPPrCfPIP°C,Pë P±CfC,Pë PsP±PμCĤPμP¶PSPëPjPë, PíPsPePë C—Pj PSPμ CÍC,P°PSCÍC,CH PIC-PrPsPjC- PjPsP¶P»PëPIC- PμC,,PμPeC,Pë C†CHPsPiPs P»C-PëP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ.

P PsP·P»P°PrPë P·PsCĤCÍ.

PμC-Pr C†P°CÍ PePsPSC,CĤPsP»CHPsPIP°PSPëC... PrPsCÍP»C-PrP¶PμPSCH PSPμC±C-C,PeC-CÍC,CH P·PsCĤCf C†P°CÍC,C-C€Pμ CÍPíPsCÍC,PμCĤC-PiP°P»P°CÍCÍ CÍ PíP°C†C-C"°PSC,C-PI, CÍPeC- PíCĤPëPNëPjP°P»Pë PíCĤPμPiP°P±P°P»C-PS, PSC-P¶ CÍ PíP°C†C-C"°PSC,C-PI, CÍPeC- PsC,CĤPëPjCfPIP°P»Pë PíP»P°C†PμP±Ps. PJ P±C-P»CHC€PsCÍC,C- PIPëPíP°PrPeC-PI C†Pμ CÍPIPëC°Pμ P·PSPëPeP°P»Ps PíCĤPë PíCĤPsPrPsPIP¶PμPSPSC- C,PμCĤP°PíC-C—. PJ C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PμPSCH, PI CÍPePëC... PíCĤPsPIPsPrPëP»Pë PsC,,C,P°P»CHPjPsP»PsPiC-C†PSPμ PsP±CÍC,PμP¶PμPSPSCÍ, C†P°CÍC,PsC,P° PIPëPíP°PrPeC-PI PíPsPiC-CĤC€PμPSPSCÍ PíPsCÍC,CĤPsC,Pë P·PsCĤCf C,P° P·PjC-PSPë PíPsP»CÍ P·PsCĤCf P±CfP»P° PIPëC°PsCĤ CÍ PíP°C†C-C"°PSC,C-PI, CÍPeC- P·P°CÍC,PsCÍPsPICfPIP°P»Pë PíCĤPμPiP°P±P°P»C-PS, PíPsCĤC-PIPSCÍPSPs P· PíP°C†C-C"°PSC,P°PjPë P· PíCĤCfPíPë PíP»P°C†PμP±Ps; C†P°CÍC,PsC,P° PIPëPSPëPePSPμPSPSCÍ P·PjC-PS PSP° PsC†PSPsPjCf PrPSC- P±CfP»P° PIPëC°PsCĤ CÍ PíP°C†C-C"°PSC,C-PI C-P· PíCĤCfPíPë PíP»P°C†PμP±Ps (PrPëPI. CĤPsP·PrC-P» B«PαP°CĤPjP°PePsPrPëPSP°PjC-PëP°B»).

P,, PSP°CÍPIPSC- PrP°PSC- PíCĤPs PíPsP±C-C†PSC- CĤPμP°PeC†C-C— P· P±PsPeCf PsCĤPiP°PSC-PI P·PsCĤCf PíCĤPë P·P°CÍC,PsCÍCfPIP°PSPSC- PíCĤPμPiP°P±P°P»C-PSCÍ, PIPëP»CHC†P°CHC†Pë PIC,CĤP°C,Cf P·PsCĤCf, PSPμC±C-C,PeC-CÍC,CH P·PsCĤCf P°P±Ps C-PSC€C- P·PjC-PSPë PíPsCÍC,CĤPsC,Pë P·PsCĤCf, P±P°PiP°C,Ps P· CÍPePëC... P±CfP»Pë C,PëPjC†P°CÍPsPIPëPjPë. PμC-CÍP»CÍ PíCĤPëPíPëPSPμPSPSCÍ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PíCĤPμPiP°P±P°P»C-PSCÍ C†C- CÍPëPjPiC,PsPjPë P· P±PsPeCf PsCĤPiP°PSC-PI P·PsCĤCf PjPsP¶CfC,CH P·PSPëPePSCfC,Pë P°P±Ps P·PjPμPSC€PëC,PëCÍCÍ.

PkPëCĤPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH.

PμPsPIC-PrPsPjP»CÍP»Pë PíCĤPs PIPëPíP°PrPePë CĤPsP·PIPëC,PeCf PSPëCĤPePsPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-, CÍPeP° C-PSPsPrC- P±CfP»P° PsP±PsCĤPsC,PSPsCĤ PíC-CÍP»CÍ PíCĤPëPíPëPSPμPSPSCÍ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PíCĤPμPiP°P±P°P»C-PSCÍ.

P'C-PrPjC-PSP° CÍCíPíCíC,PSC-C... PíCĤPsC,PëPμPiC-P»PμPiC,PëC±PSPëC...
P»C-PëP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI.

PkP°CĤP°P·C- PSPμPrPsCÍC,P°C,PSCHPs PrP°PSPëC... C°PsPrPs C,PsPiPs, C†Pë PjPsP¶PSP° PIC-PrPjC-PSCÍC,Pë CÍCfPíCfC,PSC- PíCĤPsC,PëPμPiC-P»PμPiC,PëC±PSC- PíCĤPμPiP°CĤP°C,Pë PíC-CÍP»CÍ C,PsPiPs, CÍPe CÍ CĤPμP·CfP»CHC,P°C,C- PrPsPrP°PIP°PSPSCÍ PíCĤPμPiP°P±P°P»C-PSCÍ PrPs C,PμCĤP°PíC-C— P±CfPrPμ PrPsCÍCÍPiPSCfC,Ps PePsPSC,CĤPsP»CĤ P·P° CÍCfPrPsPjP°PjPë, C°PsP± PíPμCĤPμPNëC,Pë PSP° PjPsPSPsC,PμCĤP°PíC-CĤ PíCĤPμPiP°P±P°P»C-PSPsPj.

PŸPëPjPiC,PsPjPë PIC-PrPjC-PSPë.

PJ PrPμCΠPePëC... PïP°C†C-C"PSC,C-PI PïC-CÍP»CΠ PïCηPëPïPëPSPμPSPSCΠ
 PePsCηPsC,PePsCÍC,CηPsPePsPIPsC— P°P±Ps C,CηPëPIP°P»PsC— C,PμCηP°PïC-C—
 PïCηPμPiP°P±P°P»C-PSPsPj CÍPïPsCÍC,PμCηC-PiP°P»PëCÍCΠ CÍPëPjPïC,PsPjPë PIC-PrPjC-PSPë
 PïCηPμPiP°CηP°C,CÍ. PμPsPIC-PrPsPjP»CΠP»Pë PïCηPs C,P°PeC- CΠPIPëC%P°:
 P±PμP·CÍPsPSPSCΠ, PiPsP»PsPIPSPëPNë P±C-P»CH, PSCÍPrPsC,P°, C,CηPëPIPsPΠPSC-CÍC,CH,
 PrC-P°CηPμCΠ, PïCηPëPïPsPïPsPrC-P±PSPëPNë CÍPëPSPrCηPsPj, PSPμCηPIPsP·PSC-CÍC,CH,
 PrPμPïCηPμCÍC-CΠ, P±C-P»CH, CÍCÍPrPsPjPë, PiC-PïPμCηPiC-PrCηPsP·,
 P·P°PïP°PjPsCηPsC±PμPSPSCΠ, CÍCÍC—C†PëPrP°P»CHPSC- PrCÍPjPë, CΠPeC-
 PIPeP°P·CÍCηC,CH PSP° C,,C-P·PëC±PSCÍ P·P°P»PμPΠPSC-CÍC,CH.
 P|Cη C-PSC,,PsCηPjP°C†C-Cη CÍP»C-Pr PïPsPIC-PrPsPjPëC,Pë PïP°C†C-C"PSC,CÍ PïPμCηPμPr
 PïPsC±P°C,PePsPj C,PμCηP°PïC-C—.

PŸCÍPrPsPjPë, P·PsPeCηPμPjP° PμPiC-P»PμPiC,PëC±PSPëPNë CÍC,P°C,CÍCÍ C,P° PIPμP»PëPeC-
 CÍCÍPrPsPjPSC- PSP°PïP°PrPë, PjPsPΠCÍC,CH PIPëPSPëPeP°C,Pë PïC-Pr C±P°CÍ
 C,PμCηP°PïC-C— PïCηPμPiP°P±P°P»C-PSPsPj P°P±Ps PSPμPIPrPsPIP·C- PïC-CÍP»CΠ PNëPsPiPs
 PIC-PrPjC-PSPë.

P"°PSC- C%PsPrPs PIC-PrPjC-PSPë PïCηPμPiP°P±P°P»C-PSCÍ PïC-CÍP»CΠ
 C,CηPëPIP°P»PsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCΠ PIPeP°P·CÍCηC,CH PSP° C,Pμ, C%Ps
 C±P°CÍC,PsC,P° PIPëPSPëPePSPμPSPSCΠ C,P° CÍC,CÍPïC-PSCη C,CΠPΠPePsCÍC,C-
 CÍPëPjPïC,PsPjC-PI PIC-PrPjC-PSPë PjPsPΠCÍC,CH P·P°P»PμPΠP°C,Pë PIC-Pr PrPsP·Pë.

P—P°CÍC,C-PNëPSP° CÍPμCηC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH.

P,, PSP°CΠPIPSC- PrP°PSC- PïCηPs P·P°CÍC,C-PNëPSCÍ CÍPμCηC†PμPICÍ
 PSPμPrPsCÍC,P°C,PSC-CÍC,CH CÍ PrPμCΠPePëC... PïP°C†C-C"PSC,C-PI, CΠPeC-
 PïCηPëPNëPjP°P»Pë PïCηPμPiP°P±P°P»C-PS. PŸP°PeP° CηPμP°PeC†C-CΠ
 CÍPïPsCÍC,PμCηC-PiP°P»P°CÍCΠ P·PrPμP±C-P»CHC€PsPiPs PïC-Pr C±P°CÍ
 P»C-PeCÍPIP°PSPSCΠ PïCηPμPiP°P±P°P»C-PSPsPj PSPμPNëCηPsPïP°C,PëC±PSPsPiPs P±PsP»Cη
 CÍ PïP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ P· CÍPΠPμ C-CÍPSCÍCηC±PëPjPë
 CÍPμCηC†PμPIPs-CÍCÍPrPëPSPSPëPjPë PïPsCηCÍC€PμPSPSCΠPjPë. PŸP°PePëPj
 PïP°C†C-C"PSC,P°Pj PïCηPμPiP°P±P°P»C-PS CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë P·
 PsP±PμCηPμPΠPSC-CÍC,Cη. PμCηPë PïCηPëPïPëPSPμPSPSC- P·P°CÍC,PsCÍCÍPIP°PSPSCΠ
 PïCηPμPiP°P±P°P»C-PSCÍ C†Pμ CΠPIPëC%Pμ PjPsPΠPμ P·PSPëPePSCÍC,Pë.

P>C-PeC¿PIP°PSPSCΠ PSPμPNëCηPsPïP°C,PëC±PSPsPiPs P±PsP»Cη C†PμPSC,CηP°P»CHPSPsPiPs
 PïPsC...PsPrPΠPμPSPSCΠ PIPSP°CÍP»C-PrPsPe C¿CηP°PΠPμPSPSCΠ CÍPïPëPSPSPsPiPs
 PjPsP·PeC¿.

PμC-Pr C±P°CÍ P»C-PeCÍPIP°PSPSCΠ PSPμPNëCηPsPïP°C,PëC±PSPsPiPs P±PsP»Cη
 C†PμPSC,CηP°P»CHPSPsPiPs PïPsC...PsPrPΠPμPSPSCΠ, CÍPïCηPëC±PëPSPμPSPsPiPs
 CÍCηP°PΠPμPSPSCΠPj CÍPïPëPSPSPsPiPs PjPsP·PeCÍ, P·P±C-P»CHC€CÍPIP°P»P°CÍCΠ
 C±P°CÍC,PsC,P° PïPsP±C-C±PSPëC... CηPμP°PeC†C-PNë CÍ C†C-P»PsPjCÍ, P° C,P°PePsPΠ
 PïPsP±C-C±PSPëC... CηPμP°PeC†C-PNë P· P±PsPeCÍ C†PμPSC,CηP°P»CHPSPsC—
 PSPμCηPIPsPIPsC— CÍPëCÍC,PμPjPë C,P° PsCÍPsP±P»PëPIPs CÍPsPSP»PëPIPsCÍC,C-. P|Pμ
 PjPsPΠPμ P±CÍC,Pë PïPsPiBη™ CΠP·P°PSPs P· P°PrPëC,PëPIPSPsCη PrC-C"Cη
 CÍCÍPïCÍC,PSC-C... P»C-PeP°CηCÍCHPePëC... P·P°CÍPsP±C-PI (PSP°PïCηPëPeP»P°Pr
 P°PSC,PëCÍPïP°CÍC,PëC±PSPëC... P»C-PeP°CηCÍCHPePëC... P·P°CÍPsP±C-PI),
 PSPμPsP±C...C-PrPSPëC... PrP»CΠ P»C-PeCÍPIP°PSPSCΠ C†CHPsPiPs CÍC,P°PSCÍ. P|Cη
 PsP±CÍC,P°PIPëPSCÍ CÍP»C-Pr P±CηP°C,Pë PrPs CÍPIP°PiPë, PïCηPëP·PSP°C±P°CηC±Pë
 PïCηPμPiP°P±P°P»C-PS PïCηPë C,P°PePsPjCÍ CÍC,P°PSC-.

PJ P·PIBTM CΠP·PeCr P· C†PëPj PSPμPsP±C...C-PrPSPs C₇PμC,PμP»CH₃PSPs
C†PīPsC†C,PμC₇C-PiP°C,Pë P·P° PiP°C†C-C''PSC,P°PjPë PrP»CΠ PIPëCΠPIP»PμPSPSCΠ
PsP·PSP°Pe C†CrC—C†PëPrP°P»CH₃PSPsPiPs PjPëC†P»PμPSPSCΠ C- PīPsPIPμPrC-PSPePë C,P°
C₇PsP·PiP»CΠPSC†C,Pë PrPsC†C-P»CH₃PSC-C†C,CH₃ PiC₇PëP·PSP°C†PμPSPSCΠ
PIC-PrPīPsPIC-PrPSPsPiPs P»C-PeCrPIP°PSPSCΠ. PJ C₇P°P·C- PiPsCΠPIPë PsP·PSP°Pe
C†CrC—C†PëPrP°P»CH₃PSPsPiPs PjPëC†P»PμPSPSCΠ P°P±Ps PīPsPIPμPrC-PSPePë
PīP°C†C-C''PSC,Pë (C,P° PsC†PsP±Pë, C%_{oo}Ps PrPsPiP»CΠPrP°C₇C,CH₃ P·P° PSPëPjPë)
PiPsPIPëPSPSC- P·PIPμC₇PSC†C,PëC†CΠ PīPs PjPμPrPëC†PSC† PrPsPīPsPjPsPiCr. PJ C₇P°P·C-
C†CrC—C†PëPrP°P»CH₃PSPsPiPs PjPëC†P»PμPSPSCΠ C,P° PīPsPIPμPrC-PSPePë C†P»C-Pr
C₇PsP·PiP»CΠPSC†C,Pë PjPsP¶P»PëPIC-C†C,CH₃ C†PeP°C†CrPIP°PSPSCΠ P»C-PeCrPIP°PSPSCΠ
PiC₇PμPiP°P±P°P»C-PSPsPj.

РμPsPiC-CT̃C€PμPSPSCII C, C̃PSPeC†C-C— PSp̃P¶PSC-C... PIC-PrPrC-P»C-PI
C€P»C̃PSPePsPIPs-PeP̃C€PePsPIPsPiPs C, CT̃P°PeC, C̃.

P, PSP°CIIPIPSC- PrP°PSC- C%oPsPrPs CIIPIP̃C%o, PiPsPIbT̃™ CIIPI·P°PSP̃C... P·
PiPsPiC-CT̃C€PμPSPSCII Pj C, Cr̃PSPeC†C-C— PSp̃P¶PSC-C... PIC-PrPrC-P»C-PI
C€P»Cr̃PSPePsPIPs-PeP̃C€PePsPIPsPiPs C, CT̃P°PeC, Cr̃ (C, P°PeC- CIIPe
PSPμPiCT̃PsC...C-PrPSC-C†C, CH̃ PeP̃C€PμC†PSP̃PeCr̃, PiP°CT̃P°P»C-C, P̃C†PSP°
PSPμPiCT̃PsC...C-PrPSC-C†C, CH̃ PeP̃C€PμC†PSP̃PeCr̃, P·P°PiPsCT̃), PiCT̃P̃
P·P°C†C, PsC†Cr̃PIP°PSPSC- PiCT̃PμPiP°P±P°P»C-PSCr̃ CT̃P°P·PsPj P· P»C-PeP°CT̃C†CH̃PeP̃PjP̃
P·P°C†PsP±P°PjP̃, C%oPs PjPsP¶Cr̃C, CH̃ C†PiCT̃P̃C†P̃PSP̃C, P̃ P·P°PiPsCT̃,
PSP°PiCT̃P̃PeP»P°Pr̃ PsPiC-PsC—PrPSP̃PjP̃ P°PSP°P»CH̃PiPμC, P̃PeP°PjP̃. PμCT̃P̃
PsPrPSPsC†P°C†PSPsPjCr̃ P·P°C†C, PsC†Cr̃PIP°PSPSC- PiCT̃PμPiP°P±P°P»C-PSCr̃ C, P°
PsPiC-PsC—PrC-PI C†P»C-Pr̃ PIP¶P̃C, P̃ P·P°C...PsPrC-PI PrP»CII PiCT̃PsC, C-P»P°PeC, P̃PeP̃
P·P°PiPsCT̃C-PI (PsC†PsP±P»P̃PIPs Cr̃ P¶C-PSPsPe C, P° PiP°C†C-C''PSC, C-PI P»C-C, PSC̃H̃PsPiPs
PIC-PeCr̃).

PhPrPSPsC†P°C†PSPμ P·P°C†C, PsC†C̃PIP°PSPSCII P· PsPiC-PsC—PrP°PjP̃.

P PμPePsPjPμPSPrCr̃C''C, CH̃C†CII P· PsP±PμCT̃PμP¶PSC-C†C, CT̃ PiCT̃P̃P·PSP°C†P°C, P̃
PiCT̃PμPiP°P±P°P»C-PS PsPrPSPsC†P°C†PSPs P· PsPiC-PsC—PrP°PjP̃ C†PμCT̃PμP· CT̃P̃P·P̃Pe
PrPμPiCT̃PμC†C-C— P|P̃P̃. Pj PePsPSC, CT̃PsP»CH̃PSPsPjCr̃ PrPsC†P»C-PrP¶PμPSPSC-
C†PiPsP¶P̃PIP°C†C-PI PsPiC-PsC—PrC-PI, P° C†P°PjPμ Cr̃ C, P̃C... PiP°C†C-C''PSC, C-PI, CIIPeC-
PiCT̃P̃P̃ÑPjP°P»P̃ PiCT̃PμPiP°P±P°P»C-PS PsPrPSPsC†P°C†PSPs P· PsPiC-PsC—PrPsPj, P±Cr̃PI
PiC-PrPIP̃C%oPμPSP̃P̃Ñ CT̃P̃P·P̃Pe C†PjPμCT̃C, C-, PiPsPI' CIIPI·P°PSPsC— P·
PsPiC-PsC—PrP°PjP̃, PiPsCT̃C-PIPSCII PSPs C-P· P·P°C†C, PsC†Cr̃PIP°PSPSCII Pj
PsPiC-PsC—PrC-PI PsPeCT̃PμPjPs. P|PμÑ PiC-PrPIP̃C%oPμPSP̃P̃Ñ CT̃P̃P·P̃Pe
C†PiPsC†C, PμCT̃C-PiP°PIC†CII PiCT̃P̃ PSp̃P·CH̃PeP̃C... PrPsP·P°C...
PiCT̃PμPiP°P±P°P»C-PSCr̃ (≤ 300 PjPi, aOR 1,52 [95 % P''P†, 1,04 - 2,22]), C-
C†PiPsC†C, PμCT̃C-PiP°P»P°C†CII C, PμPSPrPμPSC†C-CII PrPs P±C-P»CH̃C€PsPiPs
CT̃P̃P·P̃PeCr̃ PiCT̃P̃ PIP̃C†PsPeP̃C... PrPsP·P°C... PiCT̃PμPiP°P±P°P»C-PSCr̃ (> 300 PjPi, aOR
2,51 [95 % P''P† 1,24 - 5,06]).

P̃PμPiCT̃P°PIP̃P»CH̃PSPμ P·P°C†C, PsC†C̃PIP°PSPSCII, P·P»PsPIP¶P̃PIP°PSPSCII P°P±Ps
P·P°P»PμP¶PSC-C†C, CH̃.

PμPsPIC-PrPsPjP»CIIPI»P̃ PiCT̃Ps PIP̃PiP°PrPeP̃ PSPμPiCT̃P°PIP̃P»CH̃PSPsPiPs
P·P°C†C, PsC†Cr̃PIP°PSPSCII, P·P»PsPIP¶P̃PIP°PSPSCII C, P° P·P°P»PμP¶PSPsC†C, C-. P̃P»C-Pr̃
P· PsP±PμCT̃PμP¶PSC-C†C, CH̃ P·P°C†C, PsC†PsPICr̃PIP°C, P̃ P»C-PeP°CT̃C†CH̃PeP̃P̃Ñ
P·P°C†C-P± PiP°C†C-C''PSC, P°Pj P·C- P·P»PsPIP¶P̃PIP°PSPSCII Pj CT̃C-P·PSP̃PjP̃
CT̃PμC†PsPIP̃PSP°PjP̃ PI P°PSP°PjPSPμP·C-; PSPμPsP±C...C-PrPSPs
C†PiPsC†C, PμCT̃C-PiP°C, P̃ P·P° PiP°C†C-C''PSC, PsPj PrP»CII PIP̃CIIPIP»PμPSPSCII
C†P̃PjPiC, PsPjC-PI PSPμPiCT̃P°PIP̃P»CH̃PSPsPiPs P·P°C†C, PsC†Cr̃PIP°PSPSCII,
P·P»PsPIP¶P̃PIP°PSPSCII P°P±Ps P·P°P»PμP¶PSPsC†C, C- PIC-Pr̃ PiCT̃PμPiP°P±P°P»C-PSCr̃
(PiPsPIC-PrPsPjP»CIIPI»P̃ PiCT̃Ps PIP̃PiP°PrPeP̃ CT̃PsP·PIP̃C, PeCr̃ P·PIP̃PeP°PSPSCII,
PiPμCT̃PμPIP̃C%oPμPSPSCII PiCT̃P̃P·PSP°C†PμPSPsC— PrPsP·P̃; PiPsPIPμPrC-PSPeP̃,
C†PiCT̃CII PjPsPIP°PSPsC— PSP° PsC, CT̃P̃PjP°PSPSCII P»C-PeP°CT̃C†CH̃PePsPiPs
P·P°C†PsP±Cr̃).

P·PSC†PμC, P°P»PsPiP°C, C-CII.

PμPsPIC-PrPsPjP»CIIPI»P̃ PiCT̃Ps PIP̃PiP°PrPeP̃ PμPSC†PμC, P°P»PsPiP°C, C-C—, C%oPs
PIP̃PSP̃PeP°P»P̃ PiPμCT̃PμPIP̃P¶PSPs Cr̃ PiP°C†C-C''PSC, C-PI C-P· C†Cr̃PiCr̃C, PSC-PjP̃

P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë, C%Ps PjPsPḡCḡC,CH CḡPḡCḡPsPIPsPeCḡPIP°C,Pë
PμPSCḡPμC,,P°P»PsPḡP°C,C-Cḡ.

P-C-PSPePë CḡPμPḡCḡPsPrCḡPeC,PëPIPSsPiPs PIC-PeCḡ / PePsPSC,CḡP°CḡPμPḡCḡC-Cḡ.

P—P°CḡC,PsCḡCḡPIP°PSPSCḡ PḡCḡPμPḡP°P±P°P»C-PSCḡ Cḡ PḡPμCḡCḡPsPjCḡ
C,CḡPëPjPμCḡC,CḡC- PIP°PiC-C,PSPsCḡC,C- PjPsPḡPμ CḡPḡCḡPëCḡPëPSCḡC,Pë P·PSP°CḡPSC-
PICḡPsPrPḡPμPSC- PrPμC,,PμPeC,Pë Cḡ PḡP»PsPrP°. PḡCḡPμPḡPḡP°P±P°P»C-PS PSPμ CḡP»C-Pr
P·P°CḡC,PsCḡPsPICḡPIP°C,Pë PI PḡPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C-, CḡPeC%Ps
PePsCḡPëCḡC,CH PrP»Cḡ PIP°PiC-C,PSPsC— CḡPIPSs PSPμ PḡPμCḡPμPIPëC%CḡC”
PḡPsC,PμPSCḡC-PNḡPSPëPNḡ CḡPëP·PëPe PrP»Cḡ PḡP»PsPrP°. P-C-PSPePë
CḡPμPḡCḡPsPrCḡPeC,PëPIPSsPiPs PIC-PeCḡ PḡPsPIPëPSPSC- PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë
PμC,,PμPeC,PëPIPS- P·P°CḡPsP±Pë PePsPSC,CḡP°CḡPμPḡCḡC— PḡC-Pr CḡP°Cḡ
P»C-PeCḡPIP°PSPSCḡ (PrPëPI. CḡPsP·PrC-P» B«P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PḡPμCḡC-PsPr
PIP°PiC-C,PSPsCḡC,C- P°P±Ps PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡB»).

P”PsPḡPsPjC-PḡPSC- CḡPμCḡPsPIPëPSPë.

P>C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± PḡCḡPμPḡPḡP»C-PeP° PjC-CḡC,PëC,CH PjP°PSC-C,,
CḡPePëPNḡ PjPsPḡPμ CḡPëPSPëC,Pë Pjḡḡ™ CḡPeCḡ PḡCḡPsPSPsCḡPSCḡ PrC-Cḡ.

P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PḡPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ.

P-C-PSPePë CḡPμPḡCḡPsPrCḡPeC,PëPIPSsPiPs PIC-PeCḡ/P·P°CḡPsP±Pë
PePsPSC,CḡP°CḡPμPḡCḡC— PrP»Cḡ PḡC-PSPsPe C- CḡPsP»PsPIC-PeC-PI.

P-C-PSPeP°Pj CḡPμPḡCḡPsPrCḡPeC,PëPIPSsPiPs PIC-PeCḡ PSPμPsP±C...C-PrPSPs
PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë PμC,,PμPeC,PëPIPS- P·P°CḡPsP±Pë
PePsPSC,CḡP°CḡPμPḡCḡC— PḡC-Pr CḡP°Cḡ P»C-PeCḡPIP°PSPSCḡ (PrPëPI. CḡPsP·PrC-P»
B«PḡCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P’P°PiC-C,PSC-CḡC,CH.

PJ C...PsPrC- PrPsCḡP»C-PrPḡPμPSCḡ PSP° C,PIP°CḡPëPSP°C... P±CḡP»P°
PḡCḡPsPrPμPjPsPSCḡC,CḡPsPIP°PSP° CḡPμPḡCḡPsPrCḡPeC,PëPIPS° C,PsPeCḡPëCḡPSC-CḡC,CH.

P’CḡP»Ps PḡCḡPsPrPμPjPsPSCḡC,CḡPsPIP°PSPs, C%Ps PḡCḡPμPḡP°P±P°P»C-PS
PḡCḡPsPSPëPeP°C” CḡPμCḡPμP· PḡP»P°CḡPμPSC,Cḡ PI C%CḡCḡC-PI (PrPëPI. CḡPsP·PrC-P»
B«PḡP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»). PḡCḡPμPḡPḡP°P±P°P»C-PS PjPsPḡPμ
PḡCḡPsPSPëPeP°C,Pë CḡPμCḡPμP· PḡP»P°CḡPμPSC,Cḡ P»CḡPrPëPSPë.

P—PSP°CḡPSC- PICḡPsPrPḡPμPSC- PIP°PrPë CḡPsP·PIPëC,PeCḡ.

P—P° PrP°PSPëPjPë PsP±CḡPμCḡPIP°CḡC-PNḡPSPsPiPs PrPsCḡP»C-PrPḡPμPSPSCḡ,
PḡCḡPsPIPμPrPμPSPsPiPs PI PeCḡP°C—PSP°C... PḡPeP°PSPḡPëPSP°PIC-C—, PḡC-Pr CḡP°Cḡ
CḡPePsPiPs CḡPḡPsCḡC,PμCḡC-PiP°P»Pë P·P° P±C-P»CHCḡ PSC-Pḡ 2700
PIP°PiC-C,PSPsCḡC,CḡPjPë, Cḡ CḡP°P·C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PḡCḡPμPḡP°P±P°P»C-PSCḡ
PI PḡPμCḡCḡPsPjCḡ C,CḡPëPjPμCḡC,CḡC- P±CḡP»P° PḡCḡPsPrPμPjPsPSCḡC,CḡPsPIP°PSP°
P±C-P»CHCḡP° PḡPsCḡPëCḡPμPSC-CḡC,CH P·PSP°CḡPSPëC... PICḡPsPrPḡPμPSPëC... PIP°Pr
CḡPsP·PIPëC,PeCḡ (P—P’P’P) Cḡ PḡPsPḡCḡP»CḡCḡC— PrPëC,CḡCḡPsPiPs PIC-PeCḡ

(P¶PëPIPëC... P°P±Ps PjPµCḡC,PIPsPSP°CḡPsPrP¶PµPSPëC... PrC-C,PµPNë), C¶PeP°
PïC-PrPrP°PIP°P»P°CḡC¶ PIPïP»PëPICḡ PïCḡPµPiP°P±P°P»C-PSCḡ, PïPsCḡC-PIPSC¶PSPs P·
PïPsPïCḡP»C¶C†C-C”Cḡ, C¶PeP° PSPµ PïC-PrPrP°PIP°P»P°CḡC¶ C,P°PePsPjCḡ PIPïP»PëPICḡ (5,9
% PïPsCḡC-PIPSC¶PSPs P· 4,1 %).

P PëP·PëPe CḡPsP·PIPëC,PeCḡ P—P’P’P Cḡ PrC-C,PµPNë, PjP°C,PµCḡC- C¶PePëC...
P·P°CḡC,PsCḡPsPICḡPIP°P»Pë PïCḡPµPiP°P±P°P»C-PS Cḡ PïPµCḡC¶PsPjCḡ C,CḡPëPjPµCḡC,CḡC-
PIP°PiC-C,PSPsCḡC,C-, P±CḡPI PrPµC%Ps PIPëC%PëPj PïPsCḡC-PIPSC¶PSPs P· PrC-C,CḡPjPë,
C¶PeC- PSPµ PïC-PrPrP°PIP°P»PëCḡC¶ C,P°PePsPjCḡ PIPïP»PëPICḡ
PIPSCḡC,CḡC-C¶PSCḡPsCḡC,CḡPsP±PSPs (CḡPePsCḡPëPiPsPIP°PSPëPNë PePsPµC,,C-C†C-C”PSC,
PïPsC¶PëCḡPµPSPsCḡC,C- C,P° 95 % PrPsPIC-CḡC†PëPNë C-PSC,PµCḡPIP°P»: 1,14
(0,96ḡḡ“1,35)), C,P° PïPsCḡC-PIPSC¶PSPs P· PrC-C,CḡPjPë, C¶PeC- PïC-PrPrP°PIP°P»PëCḡC¶
PIPïP»PëPICḡ P»P°PjPsC,CḡPëPrP¶PëPSCḡ (1,29 (1,01ḡḡ“1,65)) P°P±Ps PrCḡP»PsPeCḡPµC,PëPSCḡ
(1,39 (1,07ḡḡ“1,82)).

PḡPSP°P»C-P· PePsPSPeCḡPµC,PSPëC... PIP°Pr CḡPsP·PIPëC,PeCḡ PïPsPeP°P·P°PI P±C-P»CḡC¶
PIPëCḡPsPePëPNë CḡPëP·PëPe PIPëPSPëPePSPµPSPSC¶ PIP°Pr CḡPsP·PIPëC,PeCḡ
PSPµCḡPIPsPIPsC— CḡPëCḡC,PµPjPë, PsC†PµPNë, PsCḡPsC,,P°C†C-P°P»CḡPSPëC...
CḡPsP·C%C-P»PëPS, PIP°Pr CḡPsP·PIPëC,PeCḡ CḡPµC†PsPIPëPIC-PrPSPëC... C¶P»C¶C...C-PI
C,P° CḡC,P°C,PµPIPëC... PsCḡPiP°PSC-PI, P°P»Pµ PeC-P»CḡPeC-CḡC,Cḡ C,P°PePëC... PIP°Pr
P±CḡP»P° PSPµPIPµP»PëPePsCḡ, P° PsC†C-PSPePë PSPµC,PsC†PSPëPjPë.

P>C-PeP°CḡCḡCḡPePëPNë P·P°CḡC-P± PSPµ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë Cḡ
PïPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P±PµP· PSP°PiP°P»CḡPSPsC— PïPsC,CḡPµP±Pë (PePsP»Pë
PePsCḡPëCḡC,Cḡ PrP»C¶ PjP°C,PµCḡC- C¶PIPSs PïPµCḡPµPIPëC%CḡC” PjPsP¶P»PëPIPëPNë
CḡPëP·PëPe PrP»C¶ PïP»PsPrP°).

P”PsPrCḡPIP°PSPSC¶ PïCḡCḡPrPrCḡ.

PµCḡPµPiP°P±P°P»C-PS PµPeCḡPeCḡPµC,CḡC”C,CḡCḡC¶ Cḡ PïCḡCḡPrPSPµ PjPsP»PsPePs.
P’PïP»PëPI PïCḡPµPiP°P±P°P»C-PSCḡ PSP° PSPsPIPsPSP°CḡPsPrP¶PµPSPëC.../PSPµPjPsPIP»C¶C,
PSPµPIC-PrPsPjPëPNë. PḡPµPsP±C...C-PrPSPs PïCḡPëPNëPSC¶C,Pë CḡC-C¶PµPSPSC¶ PïCḡPs
PïCḡPëPiPëPSPµPSPSC¶ PïCḡCḡPrPSPsPiPs PIPëPiPsPrPsPICḡPIP°PSPSC¶ P°P±Ps
PïCḡPëPiPëPSPµPSPSC¶ C,PµCḡP°PïC-C— PïCḡPµPiP°P±P°P»C-PSPsPj P·
CḡCḡP°C...CḡPIP°PSPSC¶Pj PePsCḡPëCḡC,C- PIC-Pr PïCḡCḡPrPSPsPiPs PïPsPrCḡPIP°PSPSC¶
PrPëC,PëPSPë C,P° PePsCḡPëCḡC,C- C,PµCḡP°PïC-C— PrP»C¶ P¶C-PSPePë.

PḡPµCḡC,PëP»CḡPSC-CḡC,Cḡ.

PḡP»C-PSC-C†PSC- PrP°PSC- C%PsPrPs PIPïP»PëPICḡ PïCḡPµPiP°P±P°P»C-PSCḡ PSP°
C,,PµCḡC,PëP»CḡPSC-CḡC,Cḡ P¶C-PSPsPe PIC-PrCḡCḡC,PSC-. PḡC-Pr C†P°Cḡ
PeP»C-PSC-C†PSPsPiPs PrPsCḡP»C-PrP¶PµPSPSC¶ PIPïP»PëPICḡ PïCḡPµPiP°P±P°P»C-PSCḡ
PSP° CḡCḡC...P»PëPIC-CḡC,Cḡ CḡPïPµCḡPjP°C,PsP·PsC—PrC-PI P·PrPsCḡPsPIC-
PrPsP±CḡPsPIPsP»CḡC†C- C†PsP»PsPIC-C†PsC— CḡC,P°C,C- P·P°CḡC,PsCḡPsPICḡPIP°P»Pë
PïCḡPµPiP°P±P°P»C-PS Cḡ PrPsP·C- 600 PjPi/PrPsP±Cḡ. PḡC-CḡP»C¶
P·P°CḡC,PsCḡCḡPIP°PSPSC¶ P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ PïCḡPsC,C¶PiPsPj 3
PjC-CḡC¶C†C-PI P¶PsPrPSPsPiPs PIPïP»PëPICḡ PSP° CḡCḡC...P»PëPIC-CḡC,Cḡ
CḡPiPµCḡPjP°C,PsP·PsC—PrC-PI PSPµ PIPëC¶PIP»PµPSPs.

PJ C...PsPrC- PrPsCḡP»C-PrP¶PµPSPSC¶ C,,PµCḡC,PëP»CḡPSPsCḡC,C- Cḡ CḡP°PjPëC†Cḡ
C%CḡCḡC-PI CḡPïPsCḡC,PµCḡC-PiP°PICḡC¶ PSPµP±P°P¶P°PSPëPNë PIPïP»PëPI PSP°
CḡPµPïCḡPsPrCḡPeC,PëPIPSCḡ C,,CḡPSPeC†C-Cḡ. PJ C...PsPrC- PrPsCḡP»C-PrP¶PµPSPSC¶

C,,PμCḡC,PëP»CHßPSPsCÍ'C,C- CÍ CÍP°PjC†C-PI C%oCÍ'CḡC-PI CÍPíPsCÍ'C,PμCḡC-PiP°PICÍ'Cḡ
PSPμP±P°P¶P°PSPëPNë PIPiP»PëPI PSP° CḡPμPíCḡPsPrCíPeC,PëPIPSCÍ'C,,CÍPSPeC†C-Cḡ C,P°
CḡPsP·PIPëC,PsPe. PḡP»C-PSC-C†PSP° P·PSP°C†CÍ'C%oC-CÍ'C,CH C†PëC...
CḡPμP·CíP»CHßC,P°C,C-PI PSPμPIC-PrPsPjP°.

*P—PrP°C,PSC-CÍ'C,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍ'C,CH CḡPμP°PeC†C-C— PíCḡPë
PePμCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCÍ'PíPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

P>C-PeP°CḡCÍ'CHßPePëPNë P·P°CÍ'C-P± PμCḡPμPiP°P»C-PeP° PjPsP¶Pμ PSPμP·PSP°C†PSPsCḡ
P°P±Ps PíPsPjC-CḡPSPsCḡ PjC-CḡPsCḡ PIPiP»PëPIP°C,Pë PSP° P·PrP°C,PSC-CÍ'C,CH
PePμCḡCíPíP°C,Pë C,CḡP°PSCÍ'PíPsCḡC,PSPëPjPë P·P°CÍ'PsP±P°PjPë C,P° PíCḡP°C†CḡPíP°C,Pë
P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë. PμCḡPμPiP°P»C-PeP° PjPsP¶Pμ
CÍ'PíCḡPëC†PëPSCḡC,Pë P·P°PíP°PjPsCḡPsC†PμPSPSCḡ C- CÍ'PsPSP»PëPIC-CÍ'C,CH C-
C,P°PePëPj C†PëPSPsPj PIPiP»PëPIP°C,Pë PSP° P·PrP°C,PSC-CÍ'C,CH PePμCḡCíPíP°C,Pë
C,CḡP°PSCÍ'PíPsCḡC,PSPëPjPë P·P°CÍ'PsP±P°PjPë C,P° PíCḡP°C†CḡPíP°C,Pë P· C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë. Pj P·PíBḡ™ CḡP·PeCí P· C†PëPj PíP°C†C-C°PSC,P°Pj CÍ'P»C-Pr
CḡPμPePsPjPμPSPPrCíPíP°C,Pë CíC,CḡPëPjCíPíP°C,PëCÍ'Cḡ PIC-Pr PePμCḡCíPíP°PSPSCḡ
C,CḡP°PSCÍ'PíPsCḡC,PSPëPjPë P·P°CÍ'PsP±P°PjPë, PIC-Pr CḡPsP±PsC,Pë P·C-
CÍ'PeP»P°PrPSPsCḡ C,PμC...PSC-PePsCḡ C,P° PIC-Pr C-PSC€PsC— PíPsC,PμPSC†C-PNëPSPs
PSPμP±PμP·PíPμC†PSPsC— PrC-CḡP»CHßPSPsCÍ'C,C-, PíPsPePë PSPμ CÍ'C,P°PSPμ PIC-PrPsPjPs,
C†Pë PIPiP»PëPIP°C° C†PμPNë P>C-PeP°CḡCÍ'CHßPePëPNë P·P°CÍ'C-P± PSP° C—C...PSCḡ
P·PrP°C,PSC-CÍ'C,CH PrPs C,P°PePsC— PrC-CḡP»CHßPSPsCÍ'C,C-.

PŸPíPsCÍ'C-P± P·P°CÍ'C,PsCÍ'C¿PIP°PSPSCḡ C,P° PrPsP·Pë.

P>C-PeP°CḡCÍ'CHßPePëPNë P·P°CÍ'C-P± PμCḡPμPiP°P»C-PeP° PíCḡPëPNëPjP°C,Pë
PSPμP·P°P»PμP¶PSPs PIC-Pr PíCḡPëPNëPsPjCí C—P¶C-. P>C-PeP°CḡCÍ'CHßPePëPNë P·P°CÍ'C-P±
PíCḡPëP·PSP°C†PμPSPëPNë PIPëPSCḡC,PePsPIPs PrP»Cḡ PíPμCḡPsCḡP°P»CHßPSPsPíPs
P·P°CÍ'C,PsCÍ'CíPíP°PSPSCḡ.

P°PsP·Pë.

P°C-P°PíP°P·PsPS PrPsP· P>C-PeP°CḡCÍ'CHßPePsPíPs P·P°CÍ'PsP±Cí PjPsP¶Pμ
P·PjC-PSCḡPíP°C,PëCÍ'Cḡ Cí PjPμP¶P°C... 150Bḡ“600 PjPi PSP° PrPsP±Cí. P°PsP±PsPICí
PrPsP·Cí CḡPsP·PíPsPrC-P»CḡC,Pë PSP° 2 P°P±Ps 3 PíCḡPëPNëPsPjPë.

PḡPμPNëCḡPsPíP°C,PëC†PSPëPNë P±C-P»CHß.

PŸPμCḡP°PíC-Cḡ PíCḡPμPiP°P±P°P»C-PSPsPj PjPsP¶PSP° CḡPsP·PíPsC†P°C,Pë P· PrPsP·Pë 150
PjPi PSP° PrPsP±Cí, CḡPsP·PíPsPrC-P»PμPSPsC— PSP° 2 P°P±Ps 3 PíCḡPëPNëPsPjPë.
P—P°P»PμP¶PSPs PIC-Pr C-PSPPrPëPIC-PrCíP°P»CHßPSPsC— PIC-PrPíPsPIC-PrC- C,P°
PíPμCḡPμPSPsCÍ'PëPjPsCÍ'C,C- P»C-PeP°CḡCÍ'CHßPePsPíPs P·P°CÍ'PsP±Cí PíP°C†C-C°PSC,PsPj
PrPsP·Cí PjPsP¶PSP° P·P±C-P»CHßC€PëC,Pë PrPs 300 PjPi PSP° PrPsP±Cí C†PμCḡPμP· 3Bḡ“7
PrPSC-PI, P° P·P° PSPμPsP±C...C-PrPSPsCÍ'C,C- - PrPs PjP°PeCÍ'PëPjP°P»CHßPSPsC— PrPsP·Pë
600 PjPi PSP° PrPsP±Cí C%oPμ PíC-CÍ'P»Cḡ 7 PrPSC-PI.

P·PíC-P»PμPíCÍ'C-Cḡ.

P'C-PrPīPsPIC-PrPSPs PrPs PrC-C_HC₊PsC— PeP»C-PSC-C₊PSPsC— PīC_HP°PeC,PēPePē,
PīC_HPēPīPēPSC₊C,Pē C,PuC_HP°PīC-C_H PīC_HPuPīP°P±P°P»C-PSPsPj

* P—P°PiP°P»CHbPSCr PrPsP±PsPICr PrPsP·Cr (PjPi/PrPsP±Cr) Cl'P»C-Pr
CtjPsP·PiPsPrC-P»PëC,Pë PSP° PrPμPeC-P»CHbPeP° PiCtjPëPNëPsPjC-PI PIC-PrPiPsPIC-PrPSPs
PrPs CtjPμP¶PëPjCr PrPsP·CrPIP°PSPSCll, C%oPsP± PsC,CtjPëPjP°C,Pë PrPsP·Cr PrP»Cll
PsPrPSPsPeCtjP°C,PSPsPiPs PiCtjPëPNëPsPjCr (PjPi/PrPsP·Cr).

P"PsPrP°C,PePsPIP° PrPsP·P° бґґ“ C†Pμ PrPsPrP°C,PePsPIP° PsPrPSPsPeCtjP°C,PSP° PrPsP·P°.

PμPμC±C-PSPePsPIP° PSPμPrPsCl'C,P°C,PSC-Cl'C,CHb.

P"P»Cll PiP°C†C-C"PSC,C-PI P· PiPsCtjCrCεPμPSPSCllPj C,,CrPSPeC†C-C— PiPμC±C-PSPePë
PSPμPsP±C...C-PrPSPsCl'C,C- PI PePsCtjPμPeC†C-C— PrPsP·Pë PSPμPjP°C" (PrPëPI.
CtjPsP·PrC-P» B«PαP°CtjPjP°PePsPeC-PSPμC,PëPeP°B»).

PμP°C†C-C"PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCr.

P"P»Cll PiP°C†C-C"PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr C†PμCtjPμP· PiPsPiC-CtjCεPμPSPSCll
C,,CrPSPeC†C-C— PSPëCtjPsPe PjPsP¶Pμ P±CrC,Pë PiPsC,CtjC-P±PSPμ P·PjPμPSCεPμPSPSCll
PrPsP·Pë PiCtjPμPiP°P±P°P»C-PSCr (PrPëPI. CtjPsP·PrC-P» B«PhCl'PsP±P»PëPIPsCl'C,C-
P·P°C†C,PsCl'C†PIP°PSPSCllB»).

P"C-C,Pë.

P'PμP·PiPμPeP° C,P° PμC,,PμPeC,PëPIPSC-Cl'C,CHb PiCtjPμPiP°P±P°P»C-PSCr PiCtjPë PNëPsPiPs
P·P°C†C,PsCl'C†PIP°PSPSC- PrC-C,CllPj (PIC-PePsPj PrPs 18 CtjPsPeC-PI) PSPμ
PIC†C,P°PSPsPIP»PμPSC-. P"PsCl'C,CrPiPSP° PSP° C†PμPNë C†P°C† C-PSC,,PsCtjPjP°C†C-Cll
PSP°PIPμPrPμPSP° PI CtjPsP·PrC-P»C- B«PμPsP±C-C†PSC- CtjPμP°PeC†C-C—B», P° C,P°PePsP¶
Cr CtjPsP·PrC-P»P°C... B«PαP°CtjPjP°PePsPrPëPSP°PjC-PeP°B» C-
B«PαP°CtjPjP°PePsPeC-PSPμC,PëPeP°B», PsPrPSP°Pe, Cl'PiPëCtjP°CtjC†PëCl'CHb PSP° PSPëC...,
PSPμPjPsP¶P»PëPIPs PSP°PrP°C,Pë P¶PsPrPSPëC... CtjPμPePsPjPμPSPrP°C†C-PNë C%oPsPrPs
PrPsP·CrPIP°PSPSCll C†C-PNë PeP°C,PμPiPsCtjC-C— PiP°C†C-C"PSC,C-PI.

PμPμCtjPμPrPsP·C±PIP°PSPSCll.

PŸPëPjPiC,PsPjPë. PkP° PrP°PSPëPNë C†P°C† PSP°PNëC†P°C†C,C-CεPëPjPë
PiPsP±C-C†PSPëPjPë CtjPμP°PeC†C-CllPjPë PiCtjPë PiPμCtjPμPrPsP·CrPIP°PSPSC-
PiCtjPμPiP°P±P°P»C-PSCr P±CrP»Pë Cl'PsPSP»PëPIC-Cl'C,CHb,
Cl'PiP»CrC,P°PSC-Cl'C,CHb Cl'PIC-PrPsPjPsCl'C,C-, P·P±CrPrP¶PμPSPSCll C,P°
PSPμCl'PiPsPeC-PNë. PŸP°PePsP¶ PSP°PrC...PsPrPëP»Pë PiPsPIC-PrPsPjP»PμPSPSCll
PiCtjPs Cl'C†PrPsPjPë. P C-PrPePs PiPsPIC-PrPsPjP»CllP»Pë PiCtjPs PiPëPiP°PrPePë
PePsPjPë.

P>C-PeC±PIP°PSPSCll. P>C-PeCrPIP°PSPSCll PiPμCtjPμPrPsP·CrPIP°PSPSCll
PiCtjPμPiP°P±P°P»C-PSCr PiPsP»CllPiP°C" Cr P·P°PiP°P»CHbPSPëC...

PiC-PrC, C₇H₆P₆J₆C₆PIP°P»CH₆PSP₆C... P·P°C...PsPrP°C... C, P° P·P° PiPsC, C₇H₆P₆μP±P₆
P₆PsP₆¶P₆ PIP₆E»C₇H₆C₆P°C, P₆ PiP₆μP₆PsPrC-P°P»C-P· (PrP₆PI. C₇H₆PsP·PrC-P»
B«P₆Y₆PiPsC₆ΓC-P± P·P°C₆ΓC, PsC₆ΓC₆PIP°PSPSC₆¶ C, P° PrPsP·P₆B», C, P°P±P»P₆C₆¶C₆¶).

PμPsP±C-C₆PSC- C₇H₆μP°PeC₆C-C—.

P₆ P₆E»C-PSC-C₆PSC-PN₆ PiC₇H₆PsPiC₇H₆P°P₆JC- PrPsC₆ΓP»C-PrP₆¶P₆PSPSC₆¶
PiC₇H₆μPiP°P±P°P»C-PSC₆Γ PN₆PsPiPs PsC, C₇H₆P₆J₆P°P»P₆ PiPsPSP°Pr 8900 PiP°C₆†C-C°PSC, C-PI, P·
PSP₆C... 5600 - C₆†C₆P°C₆ΓPSP₆PeP₆ PiPsPrPIC-PN₆PSPs C₆ΓP»C-PiP₆C... PiP»P°C₆†P₆μP±Ps-
PePsPSC, C₇H₆PsP»CH₆PsPIP°PSP₆C... PrPsC₆ΓP»C-PrP₆¶P₆μSCH. P₆K°PN₆C₆P°C₆ΓC, C-C₆PeP₆J₆P₆
P·P°C₇H₆μC°C₆ΓC, C₇H₆PsPIP°PSP₆J₆P₆ PiPsP±C-C₆PSP₆J₆P₆ C₇H₆μP°PeC₆†C-C₆¶P₆J₆P₆ P±C₆†P»P₆
P·P°PiP°P₆PsC₇H₆PsC₆μPSPSC₆¶ C, P° C₆ΓPsPSP»P₆PIC-C₆ΓC, CH₆. P₆μPsP±C-C₆PSC-
C₇H₆μP°PeC₆†C-C— P·P°P·PIP₆C₆†P°PN₆ P±C₆†P»P₆ P»P₆μPiPePsPiPs P°P±Ps PiPsP₆JC-C₇H₆PSPsPiPs
C₆ΓC, C₆†PiP₆μPSC₆¶. P' C₆†C₆C-C... PePsPSC, C₇H₆PsP»CH₆PsPIP°PSP₆C...
PrPsC₆ΓP»C-PrP₆¶P₆μPSPSC₆¶C... PiPsPeP°P·PSP₆Pe PIC-PrP₆JC-PSP₆ P»C-PeP°C₇†CH₆PePsPiPs
P·P°C₆ΓPsP±C₆† C₆μC₇H₆μP· PiPsP±C-C₆PSC- C₇H₆μP°PeC₆†C-C— C₆ΓC, P°PSPsPIP₆PI 12 %
C₆ΓP₆C₇H₆μPr PiP°C₆†C-C°PSC, C-PI, C₆¶PeC- PiC₇H₆P₆PN₆J₆P°P»P₆ PiC₇H₆μPiP°P±P°P»C-PS, C, P° 5 %
C₆ΓP₆C₇H₆μPr PiP°C₆†C-C°PSC, C-PI, C₆¶PeC- PsC, C₇H₆P₆J₆C₆PIP°P»P₆ PiP»P°C₆†P₆μP±Ps.
P₆K°PN₆C₆P°C₆ΓC, C-C₆PeP₆J₆P₆ PiPsP±C-C₆PSP₆J₆P₆ C₇H₆μP°PeC₆†C-C₆¶P₆J₆P₆, C°%Ps
PiC₇H₆P₆·PiPsPrP₆P»P₆ PrPs PiC₇H₆P₆PiP₆PSPμPSPSC₆¶ P·P°C₆ΓC, PsC₆ΓC₆PIP°PSPSC₆¶
PiC₇H₆μPiP°C₇H₆P°C, C₆ PrPsC₆ΓP»C-PrP₆¶P₆μPSPSC₆¶, C₆ PiC₇H₆C₆†C- PiC₇H₆μPiP°P±P°P»C-PSC₆†
P±C₆†P»P₆ P·P°PiP°P₆PsC₇H₆PsC₆μPSPSC₆¶ C, P° C₆ΓPsPSP»P₆PIC-C₆ΓC, CH₆.

P₆K₆PeP₆¶C₆μP PSP°PIP₆μPrP₆μPSC- PIC₆ΓC- PiPsP±C-C₆PSC- C₇H₆μP°PeC₆†C-C—, C°%Ps
PIP₆PePSP₆PeP°P»P₆ C₆P°C₆ΓC, C-C₆¶P₆, PSC-P¶ PiC₇H₆P₆ P·P°C₆ΓC, PsC₆ΓC₆PIP°PSPSC-
PiP»P°C₆†P₆μP±Ps, C, P° P±C-P»CH₆C₆¶P₆ PSC-P¶ C₆ PsPrPSPsPiPs PiP°C₆†C-C°PSC, P°; C₆†C-
PiPsP±C-C₆PSC- C₇H₆μP°PeC₆†C-C— PiP₆μC₇H₆μP»C-C₆μPSC- P·P° C₆ΓP₆C₆ΓC, P₆μP₆J₆P°P₆J₆P₆
PsC₇H₆PiP°PSC-PI C, P° P·P° C₆P°C₆ΓC, PsC, PsC₆: PrC₆¶P₆¶P₆ C₆P°C₆ΓC, Ps (≥ 1/10); C₆P°C₆ΓC, Ps
(PIC-Pr ≥ 1/100 PrPs < 1/10); PSPμC₆P°C₆ΓC, Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100); C₇H₆C-PrPePs
(PIC-Pr ≥ 1/10000 PrPs < 1/1000); PrC₆¶P₆¶P₆ C₇H₆C-PrPePs (< 1/10000); C₆P°C₆ΓC, PsC, P°
PSPμPIC-PrPsP₆J° (PSPμ P₆PsP₆¶P₆ P±C₆†C, P₆ PsC₆†C-PSPμPSP° PSP° PsC₆ΓPSPsPIC-
PSP°C₆¶PIPSP₆C... PrP°PSP₆C...). P₆ P₆PsP₆¶PSC-PN₆ PiC₇H₆C₆†C- P·P° C₆P°C₆ΓC, PsC, PsC₆
PIP₆PePSP₆PePSPμPSPSC₆¶ PiPsP±C-C₆PSC- P₆μC, „P₆μPeC, P₆ PiC₇H₆μPrC₆ΓC, P°PIP»P₆μPSPs C₆
PiPsC₇H₆¶P₆¶P₆PeC₆ P·PSP₆¶P₆μPSPSC₆¶ C₆ΓC, C₆†PiP₆μPSC₆¶ C—C... PiC₇H₆PsC₆¶PIC-PI.

P—P°P·PSP°C₆μPSC- PiPsP±C-C₆PSC- C₇H₆μP°PeC₆†C-C— C, P°PePsP₆¶ P₆PsP₆¶C₆†C, CH₆ P±C₆†C, P₆
PiPsPiB₆™ C₆¶P·P°PSC- P· PiP₆μC₇H₆μP±C-PiPsP₆ PsC₆ΓPSPsPIPSPsPiPs
P·P°C...PIP₆C₇H₆PIP°PSPSC₆¶ C, P° (P°P±Ps) C₆†C₆†PiC₆†C, PSC-P₆ P·P°C₆ΓC, PsC₆ΓC₆PIP°PSPSC₆¶P₆
C-PSC₆PeC... P»C-PeP°C₇†CH₆PeP₆C... P·P°C₆ΓPsP±C-PI.

P₆μC-Pr C₆P°C₆Γ P»C-PeC₆†PIP°PSPSC₆¶ PSPμPN₆C₇H₆PsPiP°C, P₆C₆†PSPsPiPs P±PsP»C₆
C₆†P₆μPSC, C₇H₆P°P»CH₆PSPsPiPs PiPsC...PsPrP₆¶P₆μPSPSC₆¶, C₆†PiC₇H₆P₆C₆†P₆μPSPsPiPs
C₆†C₆H₆P°P₆¶P₆μPSPSC₆¶P₆ C₆†PiP₆PePSPsPiPs P₆PsP·PeC₆†, P·P±C-P»CH₆C₆†C₆†PIP°P»P°C₆†C₆¶
C₆P°C₆ΓC, PsC, P° PiPsP±C-C₆PSP₆C... C₇H₆μP°PeC₆†C-PN₆ C₆† C₆†C-P»PsP₆J₆C₆, C₆P°C₆ΓC, PsC, P°
PiPsP±C-C₆PSP₆C... C₇H₆μP°PeC₆†C-PN₆ P· P±PsPeC₆† P₆¶P₆¶P₆ C, P° PsC₆ΓPsP±P»P₆PIPs
C₆ΓPsPSP»P₆PIC-C₆ΓC, CH₆ (PrP₆PI. C₇H₆PsP·PrC-P» B«PhC₆†PsP±P»P₆PIPsC₆ΓC, C-
P·P°C₆ΓC, PsC₆ΓC₆PIP°PSPSC₆¶B»).

P°PsPrP°C, PePsPIC- PiPsP±C-C₆PSC- C₇H₆μP°PeC₆†C-C—, PiC₇H₆Ps C₆¶PeC-
PiPsPIC-PrPsP₆J»C₆¶P»P₆ C₆† PiP₆μC₇H₆C-PsPr PiPsC₆ΓC, P₆J₆P°C₇H₆PeP₆μC, P₆PSPiPsPiPsPiPs

PSP°PiP»CΠPrCf, PSP°PIPμPrPμPSC- PSPëP¶C±Pμ C- PïPsP·PSP°C±PμPSC- PeCfCfCfPëPIPsPj.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—.

P§P°CfC,Ps: PSP°P·PsC,,P°CfPëPSPiC-C,,.

P— P±PsPeCf PeCfPsPIC- C,P° P»C-PjC,,P°C,PëC±PSPsC— CfPëCfC,PμPjPë.

PkPμC±P°CfC,Ps: PSPμPNëC,CfPsPïPμPSC-CΠ.

P— P±PsPeCf C-PjCfPSPSPsC— CfPëCfC,PμPjPë.

PkPμC±P°CfC,Ps: PiC-PïPμCfC±CfC,P»PëPIC-CfC,CH.

P C-PrPePs: P°PSPiC-PsPSPμPICfPsC,PëC±PSPëPNë PSP°P±CfCΠPe, P°P»PμCfPiC-C±PSC-CfPμP°PeC†C-C—, P°PSP°C,,C-P»P°PeC,PsC—PrPSC- CfPμP°PeC†C-C—.

PμPsCfCfCëPμPSPSCΠ PsP±PjC-PSCf CfPμC±PsPIPëPS, PjPμC,P°P±PsP»C-P·PjCf.

P§P°CfC,Ps: PïC-PrPIPëC%oPμPSPSCΠ P°PïPμC,PëC,Cf.

PkPμC±P°CfC,Ps: PIC,CfP°C,P° P°PïPμC,PëC,Cf, PiC-PïPsPiP»C-PePμPjC-CΠ.

P— P±PsPeCf PïCfPëC...C-PePë.

P§P°CfC,Ps: PμPNëC,,PsCfPëC±PSPëPNë PSP°CfC,CfC-PNë, CfPïP»CfC,P°PSC-CfC,CH CfPIC-PrPsPjPsCfC,C-, PrCfP°C,C-PIP»PëPIC-CfC,CH, PrPμP·PsCfC-C°PSC,P°C†C-CΠ, P±PμP·CfPsPSPSCΠ, P·PSPëP¶PμPSPSCΠ P»C-P±C-PrPs.

PkPμC±P°CfC,Ps: PiP°P»CfC†PëPSP°C†C-C—, PïP°PSC-C±PSC- P°C,P°PePë, PSPμCfPïPsPeC-PNë, P·P±CfPrP¶PμPSPSCΠ, PrPμPïCfPμCfC-CΠ, PïCfPëPiPSC-C±PμPSPëPNë PSP°CfC,CfC-PNë, PïC-PrPSPμCfPμPSPëPNë PSP°CfC,CfC-PNë, P°PiCfPμCfC-CΠ, P·PjC-PSPë PSP°CfC,CfPsCf, PrPμPïPμCfCfPsPSP°P»C-P·P°C†C-CΠ, CfC,CfCfPrPSPμPSPëPNë PrPsP±C-Cf CfP»C-PI, PïP°C,PsP»PsPiC-C±PSC- CfPSPsPIPëPrC-PSPSCΠ, PïPsCfPëP»PμPSPSCΠ P»C-P±C-PrPs, P°PSPsCfPiP°P·PjC-CΠ, P°PïP°C,C-CΠ.

P C-PrPePs: CfPsP·PiP°P»CHPjPsPICfPIP°PSPSCΠ, CfCfC—C†PëPrP°P»CHPSP° PïPsPIPμPrC-PSPëP°, CfCfC—C†PëPrP°P»CHPSPμ PjPëCfP»PμPSPSCΠ.

PkPμPIC-PrPsPjPs: P»C-PeP°CfCfCHPeP° P·P°P»PμP¶PSC-CfC,CH.

P— P±PsPeCf PSPμCfPIPSPsC— CfPëCfC,PμPjPë.

P°CfP¶Pμ C±P°CfC,Ps: P·P°PïP°PjPsCfPsC±PμPSPSCΠ, CfPsPSP»PëPIC-CfC,CH, PïPsP»PsPIPSPëPNë P±C-P»CH.

P§P°CfC,Ps: P°C,P°PeCfC-CΠ, PïPsCfCfCëPμPSPSCΠ PePsPsCfPrPëPSP°C†C-C—, C,CfPμPjPsCf, PrPëP·P°CfC,CfC-CΠ, P°PjPSPμP·C-CΠ, PïPsPiC-CfCëPμPSPSCΠ PïP°Pjëf™ CΠC,C-, PïPsCfCfCëPμPSPSCΠ CfPIP°PiPë, PïP°CfPμCfC,PμP·C-CΠ, PiC-PïPμCfC,PμP·C-CΠ, CfPμPrP°C,PëIPSPëPNë PμC,,PμPeC,, PïPsCfCfCëPμPSPSCΠ CfC-PIPSPsPIP°PiPë, P»PμC,P°CfPiC-CΠ. PkPμC±P°CfC,Ps: CfPëPSPePsPïPμ, CfC,CfPïPsCf, PjC-PsPeP»PsPSC-CΠ, PIC,CfP°C,P° CfPIC-PrPsPjPsCfC,C-, PïCfPëC...PsPjPsC,PsCfPSP° PiC-PïPμCfP°PeC,PëIPSC-CfC,CH, PrPëCfPeC-PSPμP·C-CΠ, PïPsCfC,CfCfP°P»CHPSPμ P·P°PïP°PjPsCfPsC±PμPSPSCΠ, C-PSC,PμPSC†C-PNëPSPëPNë C,CfPμPjPsCf, PSC-CfC,P°PiPj,

PiPsC7CfC€PµPSPSCl PiPsPiPSC-C,PēPIPSpēC... C,,CfPSPeC†C-PNē, PiPsC7CfC€PµPSPSCl
PiC†PēC...C-PePē, C7PsP·P»P°PrPē PjPsPiP»PµPSPSCl, PiC-PiPsC7PµC,,P»PµPeC†C-Cl,
PiC-PiPµC7PµC†C,PµP·C-Cl, PIC-PrC†C†C,C,Cl PiPµC†C-PSPSCl, P°PiPµPiP·C-Cl,
P·P°PiP°P»CHbPSPµ PSPµP·PrC†P¶P°PSPSCl, P°PiP°C,C-Cl, PSP°PIPePsP»PsC7PsC,PSPiP°
PiP°C7PµC†C,PµP·C-Cl, PjC-PsPeP»PsPSC†C†.

P C-PrPePs: C†C†PrPsPjPē, PiP°C7PsC†PjC-Cl, PiC-PiPsPeC-PSPµP·C-Cl, PrPēC†C,,P°PiC-Cl,
PiP°C7PeC-PSC†PsPSC-P·Pj, PiC-PiP°P»PiPµP·C-Cl, P·P°P»PµP¶PSC-C†C,CHb,
PjPsP·PsC†PePsPiPēPNē C†PēPSPrC7PsPj, C†PēPSPrC7PsPj P·C†P±C†P°C†C,PSPiPs
PePsP»PµC†P°, PePsPjP°, PrPµP»C-C7C-PNē, PµPSC†PµC,,P°P»PsPiP°C,C-Cl,
PµPeC†C,C7P°PiC-C7P°PjC-PrPSPēPNē C†PēPSPrC7PsPj, C†PēPSPrC7PsPj P“C-C”PSP°-
P’P°C7C7Pµ, PiPSC†C,C7C-C€PSCbPsC†PµC7PµPiPSP° PiC-PiPµC7C,PµPSP·C-Cl,
PjP°PSC-P°PeP°P»CHbPSC- C7PµP°PeC†C-C—, PiP°C7P°PSPsC—PrPSC- C7PµP°PeC†C-C—,
C7PsP·P»P°PrPē C†PSC†.

P— P±PsPeC† PsC7PiP°PSC-PI P·PsC7C†.

PSP°C†C,Ps: PSPµC†C-C,PeC-C†C,CHb P·PsC7C†, PrPēPiP»PsPiC-Cl,
PePsPSb7™ C7PSPeC,PēPIC-C,,.

PkPµC†P°C†C,Ps: PIC,C7P°C,P° PiPµC7PēC,,PµC7PēC†PSPsPiPs P·PsC7C†, PiPsC7CfC€PµPSPSCl
P·PsC7C†, PSP°P±C7ClPe PsC†PµPNē, PrPµC,,PµPeC,,Pē PiPsP»Cl P·PsC7C†, P·PSPēP¶PµPSPSCl
PiPsC†C,C7PsC,Pē P·PsC7C†, P±C-P»CHb PI PsC†P°C..., P°C†C,PµPSPsPiC-Cl,
C,,PsC,PSPiC†C-Cl, C†C†C...C-C†C,CHb PI PsC†P°C..., PiC-PrPiPēC%oPµPSPµ
C†P»CHbPsP·PsPiPēPrC-P»PµPSPSCl, PiPsPrC7P°P·PSPµPSPSCl PsC†PµPNē,
P±P»PµC,,P°C7PēC,, PiPsC7CfC€PµPSPSCl P°PePsPjPsPrP°C†C-C—, PeC7PsPiPsPiPēP»PēPI PI
PsPePs, C†PIC-C,P»PsP±PsClP·PSCb, PSP°P±C7ClPe C†C-C,PeC-PIPePē.

P C-PrPePs: PIC,C7P°C,P° P·PsC7C†, PePµC7P°C,PēC,, PsC†C†PēP»PsPiC†C-Cl, P·PjC-PSP°
P·PsC7PsPiPsPiPs C†PiC7PēPNēPSClC,C,Cl PiP»PēP±PēPSPē, PjC-PrC7C-P°P·,
C†C,C7P°P±C-P·Pj, ClC†PeC7P°PIC-C†C,CHb P·PsC7C†, P°PSC-P·PsPePsC7C-Cl,
PiPēC7P°P·PePē C7PsPiC-PIPePē, PµPeP·PsC,,C,P°P»CHbPj, PiP°C7P°P»C-C† PsC†PSPsPiPs
Pjb7™ ClP·P°, C-C7PēC,, PePµC7P°C,PsPePsPSb7™ C7PSPeC,PēPIC-C,, PjC-PsP·, PSC-C†PSP°
C†P»C-PiPsC,P°, PsC,,C,P°P»CHbPjPsPiP»PµPiC-Cl, P°C,C7PsC,,C-Cl P·PsC7PsPiPsPiPs
PSPµC7PiP°, PSP°P±C7ClPe PrPēC†PeP° P·PsC7PsPiPsPiPs PSPµC7PiP°, PiC,PsP·, C†PiPµC—C,,.

P— P±PsPeC† PsC7PiP°PSC-PI C†P»C†C...C† C,P° C7C-PIPSsPiP°PiPē.

PSP°C†C,Ps: PiPµC7C,PēPiPs.

PkPµC†P°C†C,Ps: PiC-PiPµC7P°PeC†P·C-Cl.

P— P±PsPeC† C†PµC7C†Cl.

PkPµC†P°C†C,Ps: C,P°C...C-PeP°C7PrC-Cl, P°C,C7C-PsPiPµPSC,C7PēPeC†P»ClC7PSP°
P±P»PsPeP°PrP° PiPµC7C€PsPiPs C†C,C†PiPµPSCl, C†PēPSC†C†PsPiP°
P±C7P°PrPēPeP°C7PrC-Cl, P·P°C†C,C-PNēPSP° C†PµC7C†PµPiP°
PSPµPrPsC†C,P°C,PSC-C†C,CHb.

P C-PrPePs: PiPsPrPsPiP¶PµPSPSCl C-PSC,PµC7PiP°P»C† QT, C†PēPSC†C†PsPiP°
C,P°C...C-PeP°C7PrC-Cl, C†PēPSC†C†PsPiP° P°C7PēC,PjC-Cl.

P— P±PsPeC† C†C†PrPēPS.

PiC-C,, PμPeCfC,,PsP»C-P°C,PēPIPSpēPNē PrPμCḡPjP°C,PēC,, P»C-C...PμPSPsC—PrPSPēPNē
PrPμCḡPjP°C,PēC,, PjPμP»P°PSPsP·, CḡPsP·P»P°PrPē P· P±PsPeCf PSC-PiC,C-PI,
PiPμC,PμC...C-P°P»CHPSPēPNē PIPēCfPēPi, PiCfCḡPiCfCḡP°, PiCfCfC,CfP»CfCḡPSPēPNē
PIPēCfPēPi, P°C,CḡPsC,,C-Cf CēPeC-CḡPē, PSPμPeCḡPsP· CēPeC-CḡPē, CēPeC-CḡPSC- C,P°
PiC-PrCēPeC-CḡPSC- PICfP·P»PēPePē, C,PsPeCfPēPePs-PμPiC-PrPμCḡPjP°P»CHPSPēPNē
PSPμPeCḡPsP»C-P·.

P— P±PsPeCf PsPiPsCḡPSPs-CḡCfC...PsPIPsPiPs P°PiP°CḡP°C,Cf C,P° CfPiPsP»CfC±PSPsC—
C,PeP°PSPēPSPē.

PḡP°CfC,Ps: Pjḡḡ™ CfP·PsPIC- CfCfPrPsPjPē, P°CḡC,CḡP°P»PiC-Cf, P±C-P»CH Cf CfPiPēPSC-,
P±C-P»CH Cf PeC-PSC†C-PIPeP°C..., CfPiP°P·PjPē Pjḡḡ™ CfP·C-PI CēPēC—.

PkPμC±P°CfC,Ps: PSP°P±CḡCfPe CfCfPiP»PsP±C-PI, PjC-P°P»PiC-Cf,
PiPsCfC-PiCfPIP°PSPSCf Pjḡḡ™ CfP·C-PI, P±C-P»CH Cf CēPēC—, CfPeCfC,C-CfC,CH
Pjḡḡ™ CfP·C-PI.

P C-PrPePs: CḡP°P±PrPsPjC-PsP»C-P·.

P— P±PsPeCf PSPēCḡPsPe C,P° CfPμC±PsPIPēPIC-PrPSPēC... CēP»CfC...C-PI.

PkPμC±P°CfC,Ps: PSPμC,CḡPēPjP°PSPSCf CfPμC±C-, PrPēP·CfCḡC-Cf,
P°P»CHP±CfPjC-PSC†CḡC-Cf, PiPμPjP°C,CfCḡC-Cf, CfC,PIPsCḡPμPSPSCf PeP°PjPμPSC-PI Cf
PSPēCḡPeP°C..., PSPμC,,CḡPēC,.

P C-PrPePs: PSPēCḡPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH, PsP»C-PiCfCḡC-Cf,
P·P°C,CḡPēPjPeP° CfPμC±C-, PiPsCfC,CḡP° PSPēCḡPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH,
PiP»PsPjPμCḡCfP»PsPSPμC,,CḡPēC,, PiC-C”P»PsPSPμC,,CḡPēC,.

PμPsCḡCfCēPμPSPSCf CfC,P°C,PμPIPsC— CfPēCfC,PμPjPē C,P° PjPsP»PsC±PSPēC... P·P°P»PsP·.

PḡP°CfC,Ps: PμCḡPμPeC,PēP»CHPSP° PrPēCfC,,CfPSPeC†C-Cf, C-PjPiPsC,PμPSC†C-Cf.

PkPμC±P°CfC,Ps: CfC,P°C,PμPIP° PrPēCfC,,CfPSPeC†C-Cf, P·P°C,CḡPēPjPeP°
PμCfPeCfP»CfC†C-C—, PrPēCfPjPμPSPsCḡPμCf, P±C-P»CH Cf PjPsP»PsC±PSPēC...
P·P°P»PsP·P°C..., P»PμPNēPePsCḡPμCf, PjPμPSPsCḡP°PiC-Cf, PjPμC,CḡPsCḡP°PiC-Cf.

P C-PrPePs: P°PjPμPSPsCḡPμCf, PIPēPrC-P»PμPSPSCf P· PjPsP»PsC±PSPēC... P·P°P»PsP·,
P·P±C-P»CHCēPμPSPSCf PjPsP»PsC±PSPēC...
P·P°P»PsP·, PiC-PSPμPePsPjP°CfC,C-Cf, C†PμCḡPIC-C†PēC,, P±P°P»P°PSC-C,,
PμPiC-PrPēPrPēPjC-C,.

P—P°PiP°P»CHPSC- CḡPsP·P»P°PrPē C,P° CḡPμP°PeC†C-C— Cf PjC-CfC†C- PIPiPμPrPμPSPSCf.

PḡP°CfC,Ps: PiPμCḡPēC,,PμCḡPēC±PSPēPNē PSP°P±CḡCfPe, PSP°P±CḡCfPe,
PiPsCḡCfCēPμPSPSCf C...PsPrPē, PiP°PrC-PSPSCf, PIC-PrC†CfC,C,Cf
CfPiḡḡ™ CfPSC-PSPSCf, PSPμP·PIPēC±P°PNēPSC- PIC-PrC†CfC,C,Cf, PiC-PrPIPēC%PμPSP°
PIC,PsPjP»CḡPIP°PSC-CfC,CH.

PkPμC±P°CfC,Ps: PiPμPSPμCḡP°P»C-P·PsPIP°PSPēPNē PSP°P±CḡCfPe, PSP°P±CḡCfPe
PsP±P»PēC†C†Cf, CfPeCfC,C-CfC,CH Cf PiCḡCfPrCfC..., P±C-P»CH, P¶P°Cḡ, CfPiCḡP°PiP°,
PsP·PSPsP±, P·P°PiP°P»CHPSP° CfP»P°P±PeC-CfC,CH, PSPμP·PrCfP¶P°PSPSCf,
P°P±CfC†PμCf, P·P°PiP°P»PμPSPSCf P¶PēCḡPsPIPsC— C,PeP°PSPēPSPē, CḡPμP°PeC†C-C—

C,,PsC,PsC†C†C,P»PëPIPsC†C,C-. P C-PrPePs: PiCḡP°PSC†P»CHbPsPjP°, C†PjPëC†PSPµ
P·P°PīPsPrC-C†PSPSC† C€PePsPrPë, P·P°PsC†PµCḡPµPIPëPSPSPëPNë C,,C-P±CḡPsP·, C€PsPe.

P>P°P±PsCḡP°C,PsCḡPSC- PrPsC†P»C-PrP¶PµPSPSC†.

PḡP°C†C,Ps: P·P±C-P»CHbC€PµPSPSC† PjP°C†Pë C,C-P»P°.

PkPµC†P°C†C,Ps: P·P±C-P»CHbC€PµPSPSC† CḡC-PIPsC†
PeCḡPµP°C,PëPSC,,PsC†C,,PsPeC-PSP°P·Pë PI PeCḡPsPIC-, P·P±C-P»CHbC€PµPSPSC†
CḡC-PIPsC† PiP»CḡPePsP·Pë PI PeCḡPsPIC-, P·PjPµPSC€PµPSPSC† PeC-P»CHbPePsC†C,C-
C,CḡPsPjP±PsC†PëC,C-PI, P·P±C-P»CHbC€PµPSPSC† CḡC-PIPsC† PeCḡPµP°C,PëPSC-PSC† PI
PeCḡPsPIC-, P·PjPµPSC€PµPSPSC† CḡC-PIPsC† PeP°P»C-Cḡ PI PeCḡPsPIC-,
P·PjPµPSC€PµPSPSC† PjP°C†Pë C,C-P»P°.

P C-PrPePs: P·PjPµPSC€PµPSPSC† CḡC-PIPsC† P»PµPNëPePsC†PëC,C-PI C† PeCḡPsPIC-.

* P—P±C-P»CHbC€PµPSPSC† CḡC-PIPsC† P°P»P°PSC-PSP°PjC-PSPsC,CḡP°PSC†C,,PµCḡP°P·Pë
(PḡP>Pḡ) C,P° P°C†PīP°CḡC,P°C,P°PjC-PSPsC,CḡP°PSC†C,,PµCḡP°P·Pë (PḡPḡPḡ).

Pj PrPµC†PePëC... PīP°C†C-C°PSC,C-PI PīC-C†P»C† PīCḡPëPīPëPSPµPSPSC†
PePsCḡPsC,PePsC†C,CḡPsPePsPIPsC— P°P±Ps C,CḡPëPIP°P»PsC— C,PµCḡP°PīC-C—
PīCḡPµPiP°P±P°P»C-PSPsPj C†PīPsC†C,PµCḡC-PiP°P»PëC†C† C†PëPjPīC,PsPjPë
PIC-PrPjC-PSPë. PµPsPIC-PrPsPjP»C†P»Pë PīCḡPs C,P°PeC- CḡPµP°PeC†C-C—:
P±PµP·C†PsPSPSC†, PiPsP»PsPIPsPëPNë P±C-P»CHb, PSC†PrPsC,P°, C,CḡPëPIPsP¶PSC-C†C,CHb,
PrC-P°CḡPµC†, PīCḡPëPīPsPīPsPrC-P±PSPëPNë C†PëPSPḡCḡPsPj, C†C†PrPsPjPë,
PSPµCḡPIPsP·PSC-C†C,CHb, PrPµPīCḡPµC†C-C†, P±C-P»CHb, PiC-PīPµCḡPiC-PrCḡPsP· C-
P·P°PīP°PjPsCḡPsC†PµPSPSC†, C†PeC- PīPeP°P·C†CḡC,CHb PSP° C,,C-P·PëC†PSC†
P·P°P»PµP¶PSC-C†C,CHb. P†Cḡ C-PSC,,PsCḡPjP°C†C-Cḡ C†P»C-Pr PīPsPIC-PrPsPjPëC,Pë
PīP°C†C-C°PSC,C† PīPµCḡPµPr PīPsC†P°C,PePsPj C,PµCḡP°PīC-C—.

P°P°PSC- C°PsPrPs PIC-PrPjC-PSPë PīCḡPµPiP°P±P°P»C-PSC† PīC-C†P»C†
C,CḡPëPIP°P»PsPiPs P·P°C†C,PsC†C†PIP°PSPSC† PīPeP°P·C†CḡC,CHb PSP° C,Pµ, C°Ps
C†P°C†C,PsC,P° PIPëPSPëPePSPµPSPSC† C,P° C†C,C†PīC-PSCḡ C,C†P¶PePsC†C,C-
C†PëPjPīC,PsPjC-PI PIC-PrPjC-PSPë PjPsP¶C†C,CHb P±C†C,Pë PrPsP·PsP·P°P»PµP¶PSPëPjPë.

P°C-C,Pë. PµCḡPsC,,C-P»CHb P±PµP·PīPµPePë PīCḡPµPiP°P±P°P»C-PSC†,
PIC†C,P°PSPsPIP»PµPSPëPNë C† C...PsPrC- Pībḡ™ C†C,Pë PrPsC†P»C-PrP¶PµPSCḡ,
PīCḡPsPIPµPrPµPSPëC... P· C†C†P°C†C,Cḡ PīPµPrC-P°C,CḡPëC†PSPëC... PīP°C†C-C°PSC,C-PI P·
PīP°CḡC†C-P°P»CHbPSPëPjPë C†C†PrPsPjPSPëPjPë PSP°PīP°PrP°PjPë P· PIC,PsCḡPëPSPSPsCḡ
PiPµPSPµCḡP°P»C-P·P°C†C-C°Cḡ P°P±Ps P±PµP· PSPµC— (12-C,PëP¶PSPµPIPµ
PrPsC†P»C-PrP¶PµPSPSC† PµC,,PµPeC,PëPIPsC†C,C- C,P° P±PµP·PīPµPePë C†
PīP°C†C-C°PSC,C-PI C-P· PīP°CḡC†C-P°P»CHbPSPëPjPë C†C†PrPsPjPSPëPjPë PSP°PīP°PrP°PjPë,
n=295; PrPsC†P»C-PrP¶PµPSPSC† C,,P°CḡPjP°PePsPeC-PSPµC,PëPePë C,P°
PīPµCḡPµPSPsC†PëPjPsC†C,C- PīCḡPµPīP°CḡP°C,C†, n=65 C,P° PIC-PrPeCḡPëC,Pµ
PrPsC†P»C-PrP¶PµPSPSC† P±PµP·PīPµPePë C,CḡPëPIP°P»C-C†C,Cḡ 1 CḡC-Pe, n=54), P±C†PI
PīPsPrC-P±PSPëPNë PrPs PīCḡPsC,,C-P»Cḡ, C†PePëPNë C†PīPsC†C,PµCḡC-PiP°PIC†C† C†
PrPsC†P»C-PrP¶PµPSPSC†C... C† PrPsCḡPsC†P»PëC... PīP°C†C-C°PSC,C-PI P·
PµPīC-P»PµPīC†C-C°Cḡ. PkP°PNëP±C-P»CHbC€ PīPsC€PëCḡPµPSPëPjPë PīPsP±C-C†PSPëPjPë
C†PIPëC°P°PjPë, C°Ps C†PīPsC†C,PµCḡC-PiP°P»PëC†Cḡ C† 12-C,PëP¶PSPµPIPsPjC†
PrPsC†P»C-PrP¶PµPSPSC- C,PµCḡP°PīC-C— PīCḡPµPiP°P±P°P»C-PSPsPj, P±C†P»Pë

СГПсPSP»PëPIC-ГГГ,СН, ПГ-СГПмPеГГГ-СЦ, С-PSС,,PмPеСГГ-С— PIPмСГГ...PSС-С...
PrPëC...P°P»СНPSPëC... СëP»СЦС...С-PI, ПГ-PrPIPëC%PмPSPSCЦ P°PмC,PëC,СГ,
P·P±C-P»СНCëPмPSPSCЦ PjP°ГГPë C,С-P»P° C,P° PSP°P·PsC,,P°СГPëPSPiC-С,,
PкP°PNëP±C-P»СНCë PиPsCëPëСГПмPSPëPjPë PиPsP±C-С±PSPëPjPë СЦPIPëC%P°PjPë, C%Pс
ГГPиPsГГГ,PмСГГ-PiP°P»PëГГГ СГ 14-PrPмPSPSPsPjCГ PrPsГГP»C-PrP¶PмPSPSC-
C,PмСГP°PiC-С— PiСГПмPiP°P±P°P»C-PSPsPj, P±CГP»Pë ГГПсPSP»PëPIC-ГГГ,СН,
С-PSС,,PмPеСГГ-С— PIPмСГГ...PSС-С... PrPëC...P°P»СНPSPëC... СëP»СЦС...С-PI С-
PiC-СГПмPеГГГ-СЦ (PrPëPI. СГПсP·PrC-P»Pë В«PŸPiPsГГГ-Р± P·P°ГГГ,PsГГГГPIP°PSPSCЦ
C,P° PrPsP·PëВ», В«PαP°СГПjP°PеPsPrPëPSP°PjC-PеP°В» C,P°
В«PαP°СГПjP°PеPsPеC-PSPмC,PëPеP°В»).

PмPsPIC-PrPsPjP»PмPSPSCЦ PiСГПс PiC-PrPsP·СГСГPIP°PSС- PiPsP±C-С±PSС-
СГПмP°PеСГГ-С—.

PмPsPIC-PrPsPjP»PмPSPSCЦ PiСГПс PiC-PrPsP·СГСГPIP°PSС- PiPsP±C-С±PSС-
СГПмP°PеСГГ-С— PiC-ГГP»CЦ СГПмC”ГГГ,СГP°СГГ-С— P»C-PеP°СГГГГPеPsPiPs
P·P°ГГPsP±CГ C” PIP°P¶P»PëPiPsСГ PiСГPsCГPмPrCГСГPsСГ. P¶Pм PrPsP·PiPsP»CЦC”
PiСГPsPrPsPIP¶CГPIP°C,Pë PjPsPSС-С,PsСГPëPSPi ГГPiC-PIPIC-PrPSPsCëPмPSPSCЦ
В«PеPsСГPëГГГ,СН/СГPëP·PëPеВ» PrP»CЦ PIC-PrPiPsPIC-PrPSPsPiPs
P»C-PеP°СГГГГPеPsPiPs P·P°ГГPsP±CГ. PмPмPrPëC±PSPëPj PiСГP°СГГ-PIPSPëPеP°Pj
PSPмPsP±C...C-PrPSPs PiPsPIC-PrPsPjP»CЦC,Pë PiСГПс P±CГPrСН-СЦPеC-
PiC-PrPsP·СГСГPIP°PSС- PiPsP±C-С±PSС- СГПмP°PеСГГ-С— С±PмСГПмP·
PSP°СГГ-PsPSP°P»СНPSCГ ГГPëГГГ,PмPjCГ PiPsPIC-PrPsPjP»PмPSСН.

PŸPмСГPjC-PS PiСГPëPrP°C,PSPsГГГ,С-. 3 СГПсPеPë.

PIPIPsPIPë P·P±PмСГГ-PiP°PSPSCЦ.

P—P±PмСГГ-PiP°C,Pë PiСГPë C,PмPjPiPмСГP°C,СГСГГ- PSPм PIPëC%Pм 25 B°PŸ PI
PsСГPëPiC-PSP°P»СНPSC-PNë CГPiP°PеPsPICГГ- P· PjPмC,PsСГ P·P°C...PëГГГ,СГ PIC-Pr
PiPsP»PsPiPë. P—P±PмСГГ-PiP°C,Pë PI PSPмPrPsГГГ,СГPiPSPsPjCГ PrP»CЦ PrC-С,PмPNë
PjC-ГГГГГ-.

PIPIP°PеPsPIPеP°.

PмPs 10 PеP°PiГГГГP»C- СГ P±P»C-ГГГ,PмСГГ-; PiPs 2 P±P»C-ГГГ,PмСГPë PI
PеP°СГГ,PsPSPSC-PNë PеPsСГПсP±CГГ-.

РлP°C,PмPiPsСГГ-СЦ PIC-PrPiCГГГPеCГ.

P—P° СГПмCГPмPiC,PsPj.

P’PëСГПсP±PSPëPе.

РѡРђР РђРђРђР•Рќ Р†РќРђРђР•Р РќР•РђРќР› РђРђРђ

**РђС-СѓС†РђР•Р•Р•С...РѕРґРђРђРђРђРђРђРђ РІРђСђРѕРѕР±РѕРђР•РІ С,Р° Р°РґСђРђСѓР°Р°Р°Р°
РјС-СѓС†Сђ РђСђРѕРІР°РґРђРђРђРђРђРђ С—С...РѕСђРѕС— РґС-СђР»СђРѕРѕСѓС,С-.**

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В„- 5, Р РѕРґРѕРѕРђС-, 69300, Р“СђРђС†С-Сђ.