

**PrP»CЦ PjPμPrPëC‡PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CíCíCñPePsPiPs
P•P°CíPsP±Cí**

(ALITER)

$$P\bowtie P^{\circ}C\mathcal{H}PjP^{\circ}P\epsilon P_sP\tau P\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

C,P° P·P±PμCȚC-PiP°C"C,CHCȚCȚ C%PsPSP°PN₂PjPμPSC€Pμ 24 PiPsPrPēPSPē:
CȚPiC-PIPIC-PrPSPsC€PμPSPSCȚ PȚ/P (PePsCȚPēC,Ps/PiC-Pe бȚ" PjC-PSC-PjP°P»CHPSP°
PμC,,PμPeC,PēPIPSC-CȚC,CH/PjP°PeCȚPēPjP°P»CHPSP° PμC,,PμPeC,PēPIPSC-CȚC,CH
CȚPiCȚPsPrPsPIP¶ PrPsP±Pē) PiPμCȚPēPSPPrPsPiCȚPēP»CȚ CȚC,P°PSPsPIPēC,CH 87бȚ"100 %.

PȚCȚC,PμCȚC-P°P»CHPSPēPN₂ C,PēCȚPe P·PSPēP¶CȚC"C,CHCȚCȚ C€PIPēPrPePs. PJ
PiP°CȚC-C"PSC,C-PI, CȚ CȚPePēC... CȚPiPsCȚC,PμCȚC-PiP°PICȚCȚ PμC,,PμPeC, PiC-CȚP»CȚ
P·P°CȚC,PsCȚCȚPIP°PSPSCȚ P»C-PeP°CȚCȚCHPePsPiPs P·P°CȚPs±CȚ,
PSPsCȚPjP°P»C-P·P°CȚC-CȚ P°CȚC,PμCȚC-P°P»CHPSPsPiPs C,PēCȚPeCȚ
PIC-PrP±CȚPIP°C"C,CHCȚCȚ PiCȚPsC,CȚPiPsPj PjC-CȚCȚCȚCȚ C,P°
P·P±PμCȚC-PiP°C"C,CHCȚCȚ P±PμP· PIPēPSPēPePSPμPSPSCȚ
C,P°C...C-C,,C-P»P°PeCȚC-C—.

PJ CȚP°P·C- PiCȚPēPiPēPSPμPSPSCȚ P·P°CȚC,PsCȚCȚPIP°PSPSCȚ PiPμCȚPēPSPPrPsPiCȚPēP»CȚ
PμC,,PμPeC, PIC-PrPjC-PSPē PSPμ PIPēPSPēPeP°C".

PμPμCȚPēPSPPrPsPiCȚPēP» P·PjPμPSC€CȚC" PiC-PiPμCȚC,CȚPsC,,C-CȚ P»C-PIPsPiPs
C€P»CȚPSPsCȚPeP°.

PȚP»C-PSC-CȚPSC- PrPsCȚP»C-PrP¶PμPSPSCȚ PrPsPIPμP»Pē, C%Ps PiPμCȚPēPSPPrPsPiCȚPēP»
PjP°C" CȚCȚPrPēPSPsCȚPsP·C€PēCȚCȚPIP°P»CHPSC- PIP»P°CȚC,PēPIPsCȚC,C-. P'C-PS
PiPsPeCȚP°C%CȚC" PμP»P°CȚC,PēCȚPSC-CȚC,CH PIPμP»PēPePēC... P°CȚC,PμCȚC-PN₂ C,P°
P·PjPμPSC€CȚC" CȚPiC-PIPIC-PrPSPsC€PμPSPSCȚ C,PsPIC%PēPSPē CȚC,C-PSPePē PrPs
PiCȚPsCȚPIC-C,CȚ CȚCȚPrPēPSPē PrP»CȚ PjP°P»PēC... P°CȚC,PμCȚC-PN₂.

P"PsPrP°C,PePsPIP° C,PμCȚP°PiC-CȚ P· C,C-P°P·PēPrPSPēPj PrC-CȚCȚPμC,PēPePsPj
PIPēCȚPIP»CȚC" CȚPēPSPμCȚPiC-CȚPSPēPN₂ PμC,,PμPeC,,. PȚPsPjP±C-PSP°CȚC-CȚ
C-PSPiC-P±C-C,PsCȚP° PȚPμPα C,P° C,C-P°P·PēPrPSPsPiPs PrC-CȚCȚPμC,PēPeP° C,P°PePsP¶
P·PjPμPSC€CȚC" CȚPēP·PēPe PiC-PiPsPeP°P»C-C"PjC-C—, CȚPiCȚPēCȚPēPSPμPSPsC—
PrC-CȚCȚPμC,PēPePsPj.

PȚPμCȚCȚPμPIP° PSPμPrPsCȚC,P°C,PSC-CȚC,CH.

PμPμCȚPēPSPPrPsPiCȚPēP»CȚ C,PμCȚC,-P±CȚC,PēP»P°PjC-PS P·PjPμPSC€CȚC"
CȚPsP±PsC,CȚ CȚPμCȚCȚCȚ C€P»CȚC...PsPj P·PjPμPSC€PμPSPSCȚ PiPμCȚPμPr- C,P°
PiC-CȚP»CȚPSP°PIP°PSC,P°P¶PμPSPSCȚ PSP° CȚPμCȚCȚPμ.

P"PsCȚP»C-PrP¶PμPSPSCȚ P·P° CȚCȚP°CȚC,CȚ PiP°CȚC-C"PSC,C-PI C-P·
CȚPμCȚCȚPμPIPsCȚ PSPμPrPsCȚC,P°C,PSC-CȚC,CȚ
PiCȚPsPrPμPjPsPSCȚC,CȚCȚPIP°P»Pē:

- P·PjPμPSC€PμPSPSCȚ C,PēCȚPeCȚ PSP°PiPsPIPSPμPSPSCȚ PiCȚP°PIPsPiPs C,P°
P»C-PIPsPiPs C€P»CȚPSPsCȚPeC-PI;
- P·PSPēP¶PμPSPSCȚ CȚPēCȚC,PμPjPSPsPiPs PiPμCȚPēC,,PμCȚPēCȚPSPsPiPs PsPiPsCȚCȚ;
- P·P±C-P»CHC€PμPSPSCȚ CȚPμCȚCȚPμPIPsPiPs C-PSPPrPμPeCȚCȚ C,P°
PiPsPeCȚP°C%P°PSPSCȚ CȚPμCȚCȚPμPIPsPiPs PIPēPePēPrCȚ;

PJ PiPsCȚC-PIPSCȚP»CHPSPēC... PrPsCȚP»C-PrP¶PμPSPSCȚC... PiPμCȚC€Pμ
PiCȚPēP·PSP°CȚPμPSPSCȚ 2 PjPi PiPμCȚPēPSPPrPsPiCȚPēP»CȚ PiP°CȚC-C"PSC,P°Pj C-P·

РѹС-СІР»СІ 3,9 СЃРѕРєСѓ (Сѓ СІРѹСЃРѹРѕСЃРѕРѕРѕСЃРѕСЃРѕ СІРїРѕСІС,РѹСЃРѹРѹРѹРѕРѕСЃРѕ Р°СЃС,РѹСЃС-Р°Р»»СЃРѕРѕРѕРѕ С,РєСІРє (СІРєСІС,РѕР»»С-СѹРѕРѕРѕРѕРѕРѕРѕРѕРѕРѕРѕ Р°РѕРѹРѹРѕСЃСРєРєРєРєСІС Сѓ СІРѹСЃРѹРѕРѕСЃРѕРѕРѕ РѕР°С, СІС, С,Р° СЃРєРєР°РєРє РїРѕРє,РѕСЃРѕРѕСЃ... С-РѕСІСРѕР»»СЃС,С-РІ (СІРє С-СѹРѹРѕС-СѹРѕС... С,Р°С С- РїРѹРѹРѕСЃРѕР°РєРѕРєС-СѹРѕС...) РѕРѕСІС,РѕРє-СЃРѕ Р°РѹРѹРѕСЃСРєРєРєРєСІС Рѕ 28 % (95 % СІ [17;38], $p < 0,0001$) РїРѕСЃС-РІРѕСЃРѕ Р° РїР°СІС-Р°РѕРѕС,Р°Рє- РїСЃРєРѕРѕРѹР°РѕР»»Рє РїР»»Р°СІРѹР±Рѕ

(10,1 % PīPsCḡC-PIPSCḡPSPs P· 13,8 %).

PŷP°PePsPḡ CḡPīPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ PrPsCḡC,PsPIC-CḡPSPḡ P·PSPëPḡPḡPSPSCḡ
CḡPëP·PëPeCḡ PIPëPSPëPePSPḡPSPSCḡ:

- P»PḡC,P°P»CHḡPSPsPiPs P°P±Ps C-PSPIP°P»C-PrPëP·CḡCḡC±PsPiPs C-PSCḡCḡP»CHḡC,Cḡ (4 % PīPsCḡC-PIPSCḡPSPs P· 5,9 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 33 %);
- P·P°PiP°P»CHḡPSPsC— PeC-P»CHḡPePsCḡC,C- P·PSP°C±PSPëC... PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPëC... PīPsPrC-PNḡ, CḡPeC- CḡPeP»P°PrP°CḡC,CHḡCḡCḡ P·PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPsC— CḡPjPḡCḡC,-, PSPḡP»PḡC,P°P»CHḡPSPsPiPs C-PSCḡḡP°CḡPeC,Cḡ PjC-PsPeP°CḡPrP° C,P° PSPḡP»PḡC,P°P»CHḡPSPsPiPs C-PSCḡCḡP»CHḡC,Cḡ (15 % PīPsCḡC-PIPSCḡPSPs P· 19,8 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 26 %);
- PrPḡPjPḡPSCḡC-C—, C%Ps PIPëPSPëPeP°C” PIPSP°CḡP»C-PrPsPe C-PSCḡCḡP»CHḡC,Cḡ (1,4 % PīPsCḡC-PIPSCḡPSPs P· 2,1 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 34 %), C,P° C,CḡPḡPePëC... PīPsCḡCḡCḡPḡPSCḡ PePsPiPSC-C,PëPIPSPsC— CḡḡCḡPSPeCḡC-C—, C%Ps PIPëPSPëPeP°CḡC,CHḡ CḡPSP°CḡP»C-PrPsPe C-PSCḡCḡP»CHḡC,Cḡ (1,6 % PīPsCḡC-PIPSCḡPSPs P· 2,8 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 45 %);
- P·PSP°C±PSPëC... PePsCḡPsPSP°CḡPSPëC... PīPsPrC-PNḡ, PIPeP»CḡCḡP°CḡCḡPë PSPḡP»PḡC,P°P»CHḡPSPëPNḡ C-PSCḡḡP°CḡPeC, PjC-PsPeP°CḡPrP° P°P±Ps P»PḡC,P°P»CHḡPSPëPNḡ PSP°CḡP»C-PrPsPe, C%Ps PIC-PrP±CḡPICḡCḡ PIPSP°CḡP»C-PrPsPe C-CḡPḡPjC-C±PSPsC— C...PIPSCḡPsP±Pë CḡPḡCḡCḡCḡ (PḡPḡPŷ) (3,8 % PīPsCḡC-PIPSCḡPSPs P· 5 %, C%Ps PIC-PrPīPsPIC-PrP°C” P·PSPëPḡPḡPSPSCḡ CḡPëP·PëPeCḡ PSP° 26 %).

PḡC- C,PḡCḡP°PīPḡPIC,PëC±PSC- PīPḡCḡPḡPIP°PiPë CḡPīPsCḡC,PḡCḡC-PiP°P»PëCḡCḡ Cḡ PīP°CḡC-C”PSC,C-PI PSPḡP·P°P»PḡPḡPSPs PIC-Pr PSP°CḡPIPSPsCḡC,C-/PIC-PrCḡCḡC,PSPsCḡC,C- P°CḡC,PḡCḡC-P°P»CHḡPSPsC— PiC-PīPḡCḡC,PḡPSP·C-C—, PSPḡP·P°P»PḡPḡPSPs PIC-Pr PIC-PeCḡ, CḡC,P°C,C-, C,PëPīCḡ C-PSCḡCḡP»CHḡC,Cḡ P°P±Ps PSP°CḡPIPSPsCḡC,C- CḡCḡPeCḡPsPiPsPrC-P°P±PḡC,Cḡ. P PḡP·CḡP»CHḡC,P°C,Pë PrPsCḡP»C-PrPḡPḡPSPSCḡ PROGRESS PīPsPeP°P·P°P»Pë, C%Ps PīC-CḡP»Cḡ 5-CḡC-C±PSPsPiPs P»C-PeCḡPIP°PSPSCḡ PjPsPḡPSP° CḡPSPëPePSCḡC,Pë PIPëPSPëPePSPḡPSPSCḡ PsPrPSPsPiPs C-PSCḡCḡP»CHḡC,Cḡ CḡPḡCḡPḡPr PePsPḡPSPëC... 23 PīP°CḡC-C”PSC,C-PI C,P° PsPrPSPsPiPs CḡPḡCḡPNḡPsP·PSPsPiPs PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPsPiPs CḡCḡPeP»P°PrPSPḡPSPSCḡ CḡPḡCḡPḡPr PePsPḡPSPëC... 18 PīP°CḡC-C”PSC,C-PI.

PḡP°CḡC-C”PSC,Pë P·C- CḡC,P°P±C-P»CHḡPSPsCḡ C-CḡPḡPjC-C±PSPsCḡ C...PIPSCḡPsP±PsCḡ CḡPḡCḡCḡCḡ (PḡPḡPŷ)

EUROPA Bḡ” CḡPḡ PjC-PḡPSP°CḡPsPrPSPḡ PjCḡP»CHḡC,PëCḡPḡPSC,CḡPsPiPḡ CḡP°PSPPrPsPjC-P·PsPIP°PSPḡ PīPsPrPIC-PNḡPSPḡ CḡP»C-PīPḡ PīP»P°CḡPḡP±Ps- PePsPSC,CḡPsP»CHḡPsPiP°PSPḡ PeP»C-PSC-C±PSPḡ PrPsCḡP»C-PrPḡPḡPSPSCḡ, CḡPePḡ C,CḡPëPIP°P»Ps 4 CḡPsPePë. 12218 PīP°CḡC-C”PSC,C-PI PIC-PePsPj PIC-Pr 18 CḡPsPeC-PI P±CḡP»Pë CḡP°PSPPrPsPjC-P·PsPIP°PSC- PSP° PiCḡCḡPīPë: 6110 PīP°CḡC-C”PSC,C-PI PīCḡPëPNḡPjP°P»Pë 8 PjPi PīPḡCḡPëPSPPrPsPīCḡPëP»Cḡ C,PḡCḡC,-P±CḡC,PëP»P°PjC-PSCḡ C,P° 6108 PīP°CḡC-C”PSC,C-PI PīCḡPëPNḡPjP°P»Pë PīP»P°CḡPḡP±Ps. Pj PrPsCḡP»C-PrPḡPḡPSPSC- P±CḡP°P»Pë CḡCḡP°CḡC,CHḡ PīP°CḡC-C”PSC,Pë P· PīC-PrC,PIPḡCḡPrPḡPḡPSPsCḡ PḡPḡPŷ C,P°

$P \pm P_{\mu}P \cdot PeP \gg C-PSC-C \ddagger PSP \ddot{e}C \dots$ $C \acute{I}P \ddot{e}PjP \acute{I}C, PsPjC-PI$ $C \acute{I}P_{\mu}C \ddot{H}C \ddagger P_{\mu}PIP sC-$
 $PSP_{\mu}PrPsC \acute{I}C, P^{\circ}C, PSPsC \acute{I}C, C-$. $P-P^{\circ}PiP^{\circ}P \gg PsPj$, 90 % $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$
 $P \acute{I}P_{\mu}C \ddot{H}P_{\mu}PSP_{\mu}C \acute{I}P \gg P \ddot{e}$ PI $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C-$ $C-PSC,$ „ $P^{\circ}C \ddot{H}PeC$, $PjC-PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$
 $PsP \acute{I}P_{\mu}C \ddot{H}P^{\circ}C \ddagger C-C \ddot{H}$ $P \cdot C \ddot{H}P_{\mu}PIP^{\circ}C \acute{I}P eC rP \gg C \ddot{I}C \ddot{H}P \ddot{e}P \cdot P^{\circ}C \ddagger C-C-$. $P^{\circ}C-P \gg CHC \ddot{e}C-C \acute{I}C, CH$
 $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$ $C \acute{r}$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC-$ $PsC, C \ddot{H}P \ddot{e}PjC rPIP^{\circ}P \gg P^{\circ}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSP rPsP \acute{I}C \ddot{H}P \ddot{e}P \gg$ $PrPsPrP^{\circ}C, PePsPIP s$ $PrPs$ $C \acute{I}C, P^{\circ}PSP rP^{\circ}C \ddot{H}C, PSP sC-$
 $C, P_{\mu}C \ddot{H}P^{\circ}P \acute{I}C-C-$: $PrP_{\mu}P \cdot P^{\circ}P \acute{I}C \ddot{H}P_{\mu}P \acute{I}P^{\circ}PSC, C-PI$, $P \acute{I}C-P \acute{I}PsP \gg C-P \acute{I}C-PrP_{\mu}PjC-C \ddagger PSP \ddot{e}C \dots$
 $P \gg C-PeP^{\circ}C \ddot{H}C \acute{I}CH PeP \ddot{e}C \dots$ $P \cdot P^{\circ}C \acute{I}PsP \pm C-PI$ C, P° $\beta-P \pm P \gg PsPeP^{\circ}C, PsC \ddot{H}C-PI$.

$P \hbar C \acute{I}PSP sPIPSP \ddot{e}Pj$ $PeC \ddot{H}P \ddot{e}C, P_{\mu}C \ddot{H}C-C''Pj$ $P_{\mu}C,$ „ $P_{\mu}PeC, P \ddot{e}PIPSP sC \acute{I}C, C-$ $P \pm C rP \gg Ps$
 $P \acute{I}C \acute{I}C, P^{\circ}PSP sPIP \gg P_{\mu}PSP s$ $C \acute{I}C rPeC rP \acute{I}PSC \acute{r}$ $PsC \ddagger C-PSP eC r$ $PIP \ddot{e}PSP \ddot{e}PePSP_{\mu}PSPSC \ddot{I}$
 $C \acute{I}P_{\mu}C \ddot{H}C \ddagger P_{\mu}PIP s-C \acute{I}C rPrP \ddot{e}PSPSP sC-$ $P \gg P_{\mu}C, P^{\circ}P \gg CHPSP sC \acute{I}C, C-$, $PSP_{\mu}P \gg P_{\mu}C, P^{\circ}P \gg CHPSP sPiPs$
 $C-PSC,$ „ $P^{\circ}C \ddot{H}PeC, C \acute{r}$ $PjC-PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$ $P \cdot C \acute{r}P \acute{I}P \ddot{e}PSP eP \ddot{e}$ $C \acute{I}P_{\mu}C \ddot{H}C \ddagger C \ddot{I}$ $P \cdot$
 $P \acute{I}PsPrP^{\circ}P \gg CHC \ddot{e}P \ddot{e}Pj$ $C \acute{r}C \acute{I}P \acute{I}C-C \ddot{e}PSP \ddot{e}Pj$ $P \cdot P^{\circ}P \acute{I}C \acute{r}C \acute{I}PePsPj$. $P-P^{\circ}C \acute{I}C, PsC \acute{I}C rPIP^{\circ}PSPSC \ddot{I}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSP rPsP \acute{I}C \ddot{H}P \ddot{e}P \gg C \acute{r}B$ PI $PrPsP \cdot C-$ 8 $PjPi$ $PsPrP \ddot{e}PS$ $C \ddot{H}P^{\circ}P \cdot PSP^{\circ}$ $PrPsP \pm C \acute{r}$
 $P \acute{I}C \ddot{H}P \ddot{e}P \cdot PIP_{\mu}P \gg Ps$ $PrPs$ $PrPsC \acute{I}C, PsPIC-C \ddot{H}PSP sPiPs$ $P^{\circ}P \pm C \acute{I}PsP \gg CHC, PSP sPiPs$
 $P \cdot PjP_{\mu}PSC \ddot{e}P_{\mu}PSPSC \ddot{I}$ $P \acute{I}PsPeP^{\circ}P \cdot PSP \ddot{e}PeP^{\circ}$ $P \acute{I}P_{\mu}C \ddot{H}PIP \ddot{e}PSPSP sC-$ $PeC-PSC \ddagger P_{\mu}PIP sC-$
 $C, PsC \ddagger PeP \ddot{e}$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC \ddot{I}$ PSP° 1,9 % $(P \cdot PjP_{\mu}PSC \ddot{e}P_{\mu}PSPSC \ddot{I}$
 $P \acute{I}C-PrPSP sC \acute{I}PSP sPiPs$ $C \ddot{H}P \ddot{e}P \cdot P \ddot{e}PeC \acute{r}$ PSP° 20 %, 95 % $P \acute{Y}P \ddagger [9,4; 28,6]$ $\text{в} \ddot{H}$ “ $p < 0,001$).

Pj $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$ $P \cdot C-PSC,$ „ $P^{\circ}C \ddot{H}PeC, PsPj$ $PjC-PsPeP^{\circ}C \ddot{H}PrP^{\circ}C, P^{\circ}/P^{\circ}P \pm Ps$
 $C \ddot{H}P_{\mu}PIP^{\circ}C \acute{I}P eC rP \gg C \ddot{I}C \ddot{H}P \ddot{e}P \cdot P^{\circ}C \ddagger C-C''C \ddot{H}$ PI $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C-$
 $C \acute{I}P \acute{I}PsC \acute{I}C, P_{\mu}C \ddot{H}C-P \acute{I}P^{\circ}P \gg PsC \acute{I}C \ddot{I}$ $P^{\circ}P \pm C \acute{I}PsP \gg CHC, PSP_{\mu}$ $P \cdot PSP \ddot{e}P \P P_{\mu}PSPSC \ddot{I}$ PSP° 2,2 %
 $P \acute{I}PsPeP^{\circ}P \cdot PSP \ddot{e}PeP^{\circ}$ $P \acute{I}P_{\mu}C \ddot{H}PIP \ddot{e}PSPSP sC-$ $PeC-PSC \ddagger P_{\mu}PIP sC-$ $C, PsC \ddagger PeP \ddot{e}$, $C\%Ps$
 $P \acute{I}C-PrP \acute{I}PsPIC-PrP^{\circ}C$ “ $P \cdot PSP \ddot{e}P \P P_{\mu}PSPSC \ddot{H}$ $P \acute{I}C-PrPSP sC \acute{I}PSP sPiPs$ $C \ddot{H}P \ddot{e}P \cdot P \ddot{e}PeC \acute{r}$ PSP° 22,4 %
 $(95 \% P \acute{Y}P \ddagger [12,0; 31,6]$ $\text{в} \ddot{H}$ “ $p < 0,001$) $P \acute{I}PsC \ddot{H}C-PIPSC \ddot{I}PSP s$ $P \cdot P \acute{I}P \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps$.

$P-P^{\circ}C \acute{I}C, PsC \acute{I}C rPIP^{\circ}PSPSC \ddot{I}$ $PrC-C, C \ddot{I}Pj$.

$P^{\circ}P_{\mu}P \cdot P \acute{I}P_{\mu}PeC \acute{r}$ C, P° $P_{\mu}C,$ „ $P_{\mu}PeC, P \ddot{e}PIPSC-C \acute{I}C, CH$ $P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C rPIP^{\circ}PSPSC \ddot{I}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSP rPsP \acute{I}C \ddot{H}P \ddot{e}P \gg C \acute{r}$ $C \acute{r}$ $PrC-C, P_{\mu}P \ddot{N} \ddot{e}$ C, P° $P \acute{I}C-PrP \gg C-C, PeC-PI$ $P \acute{I}C-PePsPj$ $PrPs$ 18
 $C \ddot{H}PsPeC-PI$ $P \acute{I}C \acute{I}C, P^{\circ}PSP sPIP \gg P_{\mu}PSP s$ PSP_{μ} $P \pm C rP \gg Ps$.

Pj $P \acute{I}C-PrPeC \ddot{H}P \ddot{e}C, PsPjC \acute{r}$ $PeP \gg C-PSC-C \ddagger PSP sPjC \acute{r}$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC-$ $P \pm P_{\mu}P \cdot P \acute{I}C \ddot{H}C \acute{r}P \acute{I}$
 $P \acute{I}PsC \ddot{H}C-PIPSC \ddot{I}PSPSC \ddot{I}$ 62 $PrC-C, C \ddot{I}Pj$ $P \acute{I}C-PePsPj$ $P \acute{I}C-Pr$ 2 $PrPs$ 15 $C \ddot{H}PsPeC-PI$, $C \acute{r}$ $C \ddot{I}PeP \ddot{e}C \dots$
 $P \ddot{e}P \ddot{H}P \alpha$ $C \acute{I}C, P^{\circ}PSP sPIP \ddot{e}P \gg P^{\circ}$ > 30 $PjP \gg /C \dots PI/1,73$ Pj^2 , $P \acute{I}C \ddot{H}P \ddot{e}P \cdot PSP^{\circ}C \ddagger P^{\circ}P \gg P \ddot{e}$
 $P \acute{I}P_{\mu}C \ddot{H}P \ddot{e}PSP rPsP \acute{I}C \ddot{H}P \ddot{e}P \gg$ $C \acute{r}$ $C \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC-P \ddot{N} \ddot{e}$ $PrPsP \cdot C-$ 0,07 $PjPi/PePi$. $P''PsP \cdot C \acute{r}$
 $P \gg C-PeP^{\circ}C \ddot{H}C \acute{I}CH PePsPiPs$ $P \cdot P^{\circ}C \acute{I}PsP \pm C \acute{r}$ $P \acute{I}C-PrP \pm P \ddot{e}C \ddot{H}P^{\circ}P \gg P \ddot{e}$
 $C-PSP rP \ddot{e}PIC-PrC \acute{r}P^{\circ}P \gg CHPSP s$, $P \acute{I}C-PrPIP \ddot{e}C\%C \acute{r}C \ddot{H}C \ddagger P \ddot{e}$ $PrPs$ $PjP^{\circ}PeC \acute{I}P \ddot{e}PjP^{\circ}P \gg CHPSP sC-$
0,135 $PjPi/PePi/PrPsP \pm C \acute{r}$ $P \cdot P^{\circ}P \gg P_{\mu}P \P PSP s$ $P \acute{I}C-Pr$ $P \acute{I}C \ddot{H}PsC,$ „ $C-P \gg CH$ $P \acute{I}P^{\circ}C \ddagger C-C''PSC, P^{\circ}$ C, P°
 $P \acute{I}C-PrP \acute{I}PsPIC-PrC-$ $P^{\circ}C \ddot{H}C, P_{\mu}C \ddot{H}C-P^{\circ}P \gg CHPSP sPiPs$ $C, P \ddot{e}C \acute{I}P eC \acute{r}$ PSP° $P \gg C-PeC \acute{r}PIP^{\circ}PSPSC \ddot{I}$. 59
 $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$ $P \pm C \ddot{H}P^{\circ}P \gg P \ddot{e}$ $C \acute{r}C \ddagger P^{\circ}C \acute{I}C, CH$ $C \acute{r}$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC-$
 $P \acute{I}C \ddot{H}PsC, C \ddot{I}PiPsPj$ 3 $PjC-C \acute{I}C \ddot{I}C \ddagger C-PI$, 36 $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$ $P \acute{I}C \ddot{H}PsPrPsPIP \P P \ddot{e}P \gg P \ddot{e}$
 $P \gg C-PeC \acute{r}PIP^{\circ}PSPSC \ddot{I}$ $C \ddot{I}Pe$ $PjC-PSC-PjC \acute{r}Pj$ $PrPs$ 24 $PjC-C \acute{I}C \ddot{I}C \ddagger C-PI$ $(C \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \ddot{I}$
 $C, C \ddot{H}P \ddot{e}PIP^{\circ}P \gg C-C \acute{I}C, CH$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC \ddot{I}$ $C \acute{I}C, P^{\circ}PSP sPIP \ddot{e}P \gg P^{\circ}$ 44 $PjC-C \acute{I}C \ddot{I}C \ddagger C-)$.
 $P \acute{Y}P \ddot{e}C \acute{I}C, PsP \gg C-C \ddagger PSP \ddot{e}P \ddot{N} \ddot{e}$ C, P° $PrC-P^{\circ}C \acute{I}C, PsP \gg C-C \ddagger PSP \ddot{e}P \ddot{N} \ddot{e}$ $P^{\circ}C \ddot{H}C, P_{\mu}C \ddot{H}C-P^{\circ}P \gg CHPSP \ddot{e}P \ddot{N} \ddot{e}$
 $C, P \ddot{e}C \acute{I}Pe$ $P \cdot P^{\circ}P \gg P \ddot{e}C \ddot{e}P^{\circ}P \acute{I}C \acute{I}C \ddot{I}$ $C \acute{I}C, P^{\circ}P \pm C-P \gg CHPSP \ddot{e}Pj$ $(P \acute{I}C-Pr$ $PjPsPjP_{\mu}PSC, C \acute{r}$
 $PIP eP \gg CHC \ddagger P_{\mu}PSPSC \ddot{I}$ $P \acute{I}P^{\circ}C \ddagger C-C''PSC, P^{\circ}$ $C \acute{r}$ $PrPsC \acute{I}P \gg C-PrP \P P_{\mu}PSPSC \ddot{I}$ $PrPs$
 $PsC \acute{I}C, P^{\circ}PSPSCH sPiPs$ $P \acute{I}C-P \cdot P \ddot{e}C, C \acute{r})$ $C \acute{r}$ $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$, $C \ddot{I}PeC-$ $P \acute{I}PsP \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \ddot{H}Ps$
 $P \gg C-PeC \acute{r}PIP^{\circ}P \gg P \ddot{e}C \acute{I}C \ddot{I}$ $C-PSC \ddot{e}P \ddot{e}PjP \ddot{e}$ $P^{\circ}PSC, P \ddot{e}P \acute{I}C-P \acute{I}P_{\mu}C \ddot{H}C, P_{\mu}PSP \cdot P \ddot{e}PIPSP \ddot{e}PjP \ddot{e}$
 $P \gg C-PeP^{\circ}C \ddot{H}C \acute{I}CH PeP \ddot{e}PjP \ddot{e}$ $P \cdot P^{\circ}C \acute{I}PsP \pm P^{\circ}PjP \ddot{e}$ C, P° $P \cdot PSP \ddot{e}P \P C \acute{r}PIP^{\circ}P \acute{I}C \acute{I}C \ddot{I}$ $C \acute{r}$
 $P \acute{I}P^{\circ}C \ddagger C-C''PSC, C-PI$, $C \ddot{I}PeC-$ $P \acute{I}PsP \acute{I}P_{\mu}C \ddot{H}P_{\mu}PrPSC \ddot{H}Ps$ PSP_{μ} $PsC, C \ddot{H}P \ddot{e}PjC \acute{r}PIP^{\circ}P \gg P \ddot{e}$

P»C–PeCfPIP°PSPSCЦ. P’C–P»CHC€Pμ 75 % PrC–C,PμPNε PjP°P»Pë CÍPëCÍC,PSP»C–C‡PSPëPNε C,P° PrC–P°CÍC,PSP»C–C‡PSPëPNε P°CȚC,PμCȚC–P°P»CHPSPëPNε C,PëCÍPe PSPëP¶C‡Pμ 95–PiPs PíPμCȚC‡PμPSC,PëP»CЦ PíC–Pr C‡P°CÍ C—C... PsCÍC,P°PSPSCHPsPiPs PIC–P·PëC,Cr Cr PrPsCÍP»C–PrP¶PμPSPSC–. PμCȚPsC,,C–P»CH P±PμP·PíPμPePë P·P°CÍC,PScÍCfPIP°PSPSCЦ Cr PrC–C,PμPNε PIC–PrPíPsPIC–PrP°PI PIC–PrPsPjPsPjCr PíCȚPsC,,C–P»CH P±PμP·PíPμPePë PíPμCȚPëPSPPrPsPíCȚPëP»Cr.

PαP°CȚPjP°PePsPeC–PSPμC,PëPeP°.

PħP±CÍPsCȚP±C‡C–CЦ.

PμC–CÍP»CЦ PíPμCȚPsCȚP°P»CHPSPsPiPs PíCȚPëPNεPsPjCr PíPμCȚPëPSPPrPsPíCȚPëP» C€PIPëPrPePs PICÍPjPsPeC,CrC”C,CHCÍCЦ, PjP°PeCÍPëPjP°P»CHPSP° PePsPSC‡PμPSC,CȚP°C‡C–CЦ Cr PíP»P°P·PjC– PeCȚPsPIC– PrPsCÍCЦPíP°C”C,CHCÍCЦ PíCȚPsC,CЦPiPsPj 1 PiPsPrPëPSPë. PμPμCȚC–PsPr PSP°PíC–PICȚPsP·PíP°PrCr PíPμCȚPëPSPPrPsPíCȚPëP»Cr Cr PíP»P°P·PjC– PeCȚPsPIC– CÍC,P°PSPsPIPëC,CH 1 PiPsPrPëPSCr.

PμPμCȚPëPSPPrPsPíCȚPëP» C” PíCȚPsP»C–PeP°CȚCÍCHPePëPj P·P°CÍPsP±PsPj. 27 % PIC–Pr P·P°PíP°P»CHPSPsC— PeC–P»CHPePsCÍC,C– PíCȚPëPNεPSCЦC,PSPiPs PíPμCȚPëPSPPrPsPíCȚPëP»Cr PIPëP·PSP°C‡P°C”C,CHCÍCЦ PI PeCȚPsPIC– Cr PIPëPiP»CЦPrC– P°PeC,PëPIPSsPiPs PjPμC,P°P±PsP»C–C,Cr BȚ” PíPμCȚPëPSPPrPsPíCȚPëP»P°C,Cr. PȚCȚC–Pj P°PeC,PëPIPSsPiPs PjPμC,P°P±PsP»C–C,Cr BȚ” PíPμCȚPëPSPPrPsPíCȚPëP»P°C,Cr, P»C–PeP°CȚCÍCHPePëPNε P·P°CÍC–P± CrC,PIPsCȚCHC” 5 PjPμC,P°P±PsP»C–C,C–PI, CЦPeC– C” PSPμP°PeC,PëPIPSPëPjPë. PħP°PeCÍPëPjP°P»CHPSP° PePsPSC‡PμPSC,CȚP°C‡C–CЦ PíPμCȚPëPSPPrPsPíCȚPëP»P°C,Cr Cr PíP»P°P·PjC– PeCȚPsPIC– PrPsCÍCЦPíP°C”C,CHCÍCЦ C‡PμCȚPμP· 3BȚ”4 PiPsPrPëPSPë PíC–CÍP»CЦ PíCȚPëPNεPsPjCr.

P’P¶PëPIP°PSPSCЦ C–P¶C– P·PjPμPSC€CrC” PíPμCȚPμC,PIPsCȚPμPSPSCЦ PíPμCȚPëPSPPrPsPíCȚPëP»Cr Cr PíPμCȚPëPSPPrPsPíCȚPëP»P°C,, PsC,P¶Pμ, P·PjPμPSC€CrC”C,CHCÍCЦ PNεPsPiPs P±C–PsPrPsCÍC,CrPíPSC–CÍC,CH, C,PSPjCr PrPsP±PsPICr PrPsP·Cr PíPμCȚPëPSPPrPsPíCȚPëP»Cr C,PμCȚC,-P±CrC,PëP»P°PjC–PSCr CȚPμPePsPjPμPSPPrCrC”C,CHCÍCЦ PíCȚPëPNεPjP°C,Pë PsPrPSPsCȚP°P·PsPIPs PICȚP°PSC‡C– PíPμCȚPμPr C–PrPsCH.

P’C–PrP·PSP°C‡P°C”C,CHCÍCЦ P»C–PSC–PNεPSP° P·P°P»PμP¶PSC–CÍC,CH PjC–P¶ PrPsP·PsCH PíPμCȚPëPSPPrPsPíCȚPëP»Cr C,P° PNεPsPiPs PePsPSC‡PμPSC,CȚP°C‡C–C”CH Cr PíP»P°P·PjC– PeCȚPsPIC–.

P PsP·PíPsPrC–P».

PħP±BȚ™ C”Pj CȚPsP·PíPsPrC–P»Cr PSPμP·PIBȚ™ CЦP·P°PSPsPiPs PíPμCȚPëPSPPrPsPíCȚPëP»P°C,Cr CÍC,P°PSPsPIPëC,CH PíCȚPëP±P»PëP·PSPs 0,2 P»/PePi. P—PIBȚ™ CЦP·CrPIP°PSPSCЦ PíPμCȚPëPSPPrPsPíCȚPëP»P°C,Cr P· P±C–P»PeP°PjPë PíP»P°P·PjPë PeCȚPsPIC– CÍC,P°PSPsPIPëC,CH 20 %, PiPsP»PsPIPSPëPj C‡PëPSPsPj P· PħPμPα, P°P»Pμ C‡PμPNε PíPsPeP°P·PSPëPe C” PrPsP·PsP·P°P»PμP¶PSPëPj.

P’PëPIPμPrPμPSPSCЦ.

PμPμCȚPëPSPPrPsPíCȚPëP»P°C, PIPëPIPsPrPëC,CHCÍCЦ C–P· CÍPμC‡PμCH. PμPμCȚC–PsPr

PsCfC,P°C,PScPSPsPiPs PSp°PíC-PIPIPëPIPµPrPµPSPSCl PSpµP·PiBh™ ClP·P°PSPsC—
C,,CfP°PeC†C-C— CfC,P°PSPsPIPëC,Ch PiCfPëP±P»PëP·PSPs 17 PiPsPrPëPS. PŸC,P°PrC-Cl
CfC-PIPSsPIP°P¶PSPsC— PePsPSC†PµPSC,CfP°C†C-C— Cr PiP»P°P·PjC- PeCfPsPIC-
PSP°CfC,P°C” C†PµCfPµP· 4 PrPSC- PIC-Pr PiPsC†P°C,PeCr P»C-PeCrPIP°PSPSCl.

PhCfPsP±P»PëPIC- PiCfCrPiPë PiP°C†C-C”PSC,C-PI.

P’PëPIPµPrPµPSPSCl PiPµCfPëPSPPrPsPiCfPëP»P°C,Cr CfPiPsPIC-P»ChPSCfC”C,ChCfCl Cf
PiP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCr, P° C,P°PePsP¶ Cf PiP°C†C-C”PSC,C-PI C-P·
CfPµCfC†PµPIPsCf P°P±Ps PSPëCfPePsPIPsCf PSpµPrPsCfC,P°C,PSC-CfC,Cf.
P PµPePsPjPµPSPPrPsPIP°PSPs PiC-PrP±PëCfP°C,Pë PrPsP·Cr PrP»Cl PiP°C†C-C”PSC,C-PI P·
PSPëCfPePsPIPsCf PSpµPrPsCfC,P°C,PSC-CfC,Cf, PICfP°C...PsPIC†CfC†Pë CfC,CrPiC-PSCH
PSPµPrPsCfC,P°C,PSPsCfC,C- (PeP»C-CfPµPSCfCr PeCfPµP°C,PëPSC-PSCr).

P”C-P°P»C-P·PSPëPN PeP»C-CfPµPSCf PiPµCfPëPSPPrPsPiCfPëP»P°C,Cr Bf” 70 PjP»/C...PI.

PµC-PSPµC,PëPeP° PiPµCfPëPSPPrPsPiCfPëP»Cr P·PjC-PSCfC”C,ChCfCl Cf
C...PIPsCfPëC... PSP° C†PëCfPsP· PiPµC†C-PSPePë: PiPµC†C-PSPePsPIPëPN
PeP»C-CfPµPSCf PiPµCfPëPSPPrPsPiCfPëP»Cr P·PjPµPSC€CfC”C,ChCfCl
PIPrPIC-C†C-. PhPrPSP°Pe PeC-P»ChPeC-CfC,Ch PiPµCfPëPSPPrPsPiCfPëP»P°C,Cr,
C%Ps CrC,PIPsCfCfC”C,ChCfCl, PSpµ P·PjPµPSC€CfC”C,ChCfCl. PhC,P¶Pµ,
C,P°PePëPj C...PIPsCfPëPj PSpµ PiPsC,CfC-P±PSPs PePsCfPëPiCrPIP°C,Pë PrPsP·Cr.

PµP»C-PSC-C†PSC- C...P°CfP°PeC,PµCfPëCfC,PëPePë.

PµPsPeP°P·P°PSPSCl.

- PhCfC,PµCfC-P°P»ChPSP° PiC-PiPµCfC,PµPSP·C-Cl.
- PŸPµCfC†PµPIP° PSpµPrPsCfC,P°C,PSC-CfC,Ch.
- P—P°PiPsP±C-PiP°PSPSCl PIPëPSPëPePSPµPSPSCf PiPsPIC,PsCfPSPsPiPs
C-PSCfCrP»ChC,Cr Cr PiP°C†C-C”PSC,C-PI P· C†PµCfPµP±CfPsPIP°CfPeCrP»ClCfPSPëPjPë
P·P°C...PIPsCfCfPIP°PSPSClPjPë.
- P—P°PiPsP±C-PiP°PSPSCl CfPµCfC†PµPIPs-CfCrPrPëPSPSPëPj
CfCfPeP»P°PrPSPµPSPSClPj Cr PiP°C†C-C”PSC,C-PI P· PrPsPeCrPjPµPSC,P°P»ChPSPs
PiC-PrC,PIPµCfPrP¶PµPSPsCf CfC,P°P±C-P»ChPSPsCf C-C€PµPjC-C†PSPsCf
C...PIPsCfPsP±PsCf CfPµCfC†Cl.

P”PsPIPiPsC,CfPëPIP°P»Pµ P»C-PeCrPIP°PSPSCl P·PjPµPSC€CfC” CfPëP·PëPe
PIPëPSPëPePSPµPSPSCl C-PSC,,P°CfPeC,Cr PjC-PsPeP°CfPrP° C,P° CfPµCfC†PµPIPsC—
PSPµPrPsCfC,P°C,PSPsCfC,C- (P·P° CfPµP·CrP»ChC,P°C,P°PjPë PrPsCfP»C-PrP¶PµPSPSCl
EUROPA).

PµCfPsC,PëPiPsPeP°P·P°PSPSCl.

- PµC-PrPIPëC%PµPSP° C†CrC,P»PëPIC-CfC,Ch PrPs PiPµCfPëPSPPrPsPiCfPëP»Cr P°P±Ps
PrPs P±CrPrCh-ClPePsC— P· PrPsPiPsPjC-P¶PSPëC... CfPµC†PsPIPëPS

P»C-PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf, P°P±Ps PrPs P±CfPrCHb-CḡPePsPiPs C-PSC€PsPiPs C-PSPIc-P±C-C,PsCḡP° PhPμPα;

- P°PSPiC-PsPSPμPICḡPsC,PëC±PSPëPNḡ PSP°P±CḡCḡPe PI P°PSP°PjPSPμP·C-, PīPsPIbḡ™ CḡP·P°PSPëPNḡ C-P· PīPsPīPμCḡPμPrPSC-Pj P»C-PeCfPIP°PSPSCḡPj C-PSPIc-P±C-C,PsCḡPsPj PhPμPα (PrPëPI. CḡPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C-P·P°CfC,PsCfCfPIP°PSPSCḡB»);

- C-PrC-PsPīP°C,PëC±PSPëPNḡ P°P±Ps CḡPīP°PrPePsPIPëPNḡ P°PSPiC-PsPSPμPICḡPsC,PëC±PSPëPNḡ PSP°P±CḡCḡPe;

- PsPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ P· P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë, C%Ps PjC-CfC,CḡC,CH PrC-CHC±Cf CḡPμC±PsPIPëPSCf P°P»C-CfPeC-CḡPμPS, PīP°C†C-C"°PSC,P°Pj C-P· C†CfPeCḡPsPIPëPj PrC-P°P±PμC,PsPj, P°P±Ps P· PīPsCḡCfC€PμPSPSCḡPjPë C,,CfPSPeC†C-C— PSPëCḡPsPe (PëPḡPα < 60 PjP»/C...PI/1,73 Pj²) (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C"°PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"°PjPsPrC-PNḡB»);

- PIP°PiC-C,PSC- P°P±Ps PḡC-PSPePë, CḡPeC- PīP»°PSCfCHC,CH P·P°PIP°PiC-C,PSC-C,Pë (PrPëPI. CḡPsP·PrC-P» B«P—P°CfC,PsCfCfPIP°PSPSCḡ Cḡ PīPμCḡC-PsPr PIP°PiC-C,PSPsCfC,C-P°P±Ps PīPsPrCfPIP°PSPSCḡ PiCḡCfPrPrCHB»);

- PsPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ C-P· CḡP°PeCfP±C-C,CḡPëP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj; P·P°CfC,PsCfCfPIP°PSPSCḡ P»C-PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf PhP·P†PḡP·P PSPμ PjPsPḡPSP° CḡPsP·PīPsC±PëPSP°C,Pë CḡP°PSC-C€Pμ PSC-Pḡ C±PμCḡPμP· 36 PīPsPrPëPS PīC-CḡP»Cḡ PīCḡPëPNḡPsPjCḡ PsCfC,P°PSPSCHbPsC— PrPsP·Pë CḡP°PeCfP±C-C,CḡPëP»Cḡ/PIP°P»CḡP°CḡC,P°PSCf (PrPëPI. CḡPsP·PrC-P»Pë B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB» C- B«P'P·P°C"°PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"°PjPsPrC-PNḡB» C,P° B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»);

- PμPeCfC,CḡP°PePsCḡPīPsCḡP°P»CHbPSC- PjPμC,PsPrPë P»C-PeCfPIP°PSPSCḡ, CḡPeC- PīCḡPëP·PIPsPrCḡC,CH PrPs PePsPSC,P°PeC,Cḡ PeCḡPsPIC- P· PSPμPīP°C,PëPIPsPs P·P°CḡCḡPrPḡPμPSPëPjPë PīPsPIPμCḡC...PSCḡPjPë (PrPëPI. CḡPsP·PrC-P» B«P'P·P°C"°PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"°PjPsPrC-PNḡB»);

- P·PSP°C±PSPëPNḡ PrPIPsP±C-C±PSPëPNḡ CḡC,PμPSPsP· PSPëCḡPePsPIPëC... P°CḡC,PμCḡC-PNḡ P°P±Ps CḡC,PμPSPsP· P°CḡC,PμCḡC-C— C"°PrPëPSPsC— C,,CfPSPeC†C-PsPSCfCHC±PsC— PSPëCḡPePë (PrPëPI. CḡPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

P'P·P°C"°PjPsPrC-Cḡ P· C-PSC€PëPjPë P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"°PjPsPrC-PNḡ.

P"°PSC- PeP»C-PSC-C±PSPëC... PrPsCḡP»C-PrPḡPμPSCH CḡPIC-PrC±P°C,CH, C%Ps PīPsPrPIC-PNḡPSP° P±P»PsPeP°PrP° CḡPμPSC-PS-P°PSPiC-PsC,PμPSP·PëPS- P°P»CHbPrPsCfC,PμCḡPsPSPsPIPsC— CḡPëCfC,PμPjPë (P PhPḡPḡ) C€P»CḡC...PsPj

PsPrPSPsC±P°CfPSPsPiPs PīCḡPēPNēPsPjCf C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ,
P±P»PsPeP°C,PsCḡC-PI CḡPḡC†PḡPiC,PsCḡC-PI P°PSPiC-PsC,PḡPSP·PēPSCf P†P† P°P±Ps
P°P»C-CfPeC-CḡPḡPSCf P°CfPsC†C-CḡC”C,ChCfCḡ P· P±C-P»ChCē PIPēCfPsPePsCḡ
C±P°CfC,PsC,PsCḡ PīPsP±C-C±PSPēC... CḡPḡP°PeC†C-PNē, C,P°PePēC... CḡPe
P°CḡC,PḡCḡC-P°P»ChPSP° PiC-PiPsC,PḡPSP·C-Cḡ, PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ C,P°
P·PSPēPḡPḡPSPSCḡ C,,CfPSPeC†C-C— PSPēCḡPsPe (PIPeP»CḡC±P°CḡC±Pē PiPsCfC,CḡCf
PSPēCḡPePsPICf PSPḡPrPsCfC,P°C,PSC-CfC,Ch), PiPsCḡC-PIPSCḡPSPs C-P·
P·P°CfC,PsCfCfPIP°PSPSCḡPj PsPrPSPsPiPs P»C-PeP°CḡCfChPePsPiPs P·P°CfPsP±Cf, C%Ps
PIPiP»PēPIP°C” PSP° P PḡPḡPḡ (PrPēPI. CḡPsP·PrC-P»Pē B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB»
C,P° B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

*P>C-PeP°CḡCfChPeC- P·P°CfPsP±Pē, C%Ps PiC-PrPIPeC%CḡCḡC,Ch CḡPēP·PēPe
CḡPsP·PIPeC,PeCḡ P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCḡ*

PḡPrPSPsC±P°CfPSPḡ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ C-P·
CfP°PeCfP±C-C,CḡPēP»PsPj/PIP°P»CfP°CḡC,P°PSPsPj PīCḡPsC,PēPiPsPeP°P·P°PSPḡ,
PsCfPeC-P»ChPePē C†Pḡ PiC-PrPIPeC%CfC” CḡPēP·PēPe CḡPsP·PIPeC,PeCf
P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB» C,P° B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCḡB»). P PsP·PiPsC±PēPSP°C,Pē P·P°CfC,PsCfCfPIP°PSPSCḡ
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf PiPsC,CḡC-P±PSPs PSPḡ CḡP°PSC-CēPḡ
PSC-Pḡ C†PḡCḡPḡP· 36 PiPsPrPēPS PiC-CfP»Cḡ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHbPsC—
PrPsP·Pē PiPḡCḡPēPSPrPsPiCḡPēP»Cf. PḡPḡCḡP°PiC-Cḡ PiPḡCḡPēPSPrPsPiCḡPēP»PsPj
CfP»C-Pr CḡPsP·PiPsC±PēPSP°C,Pē PSPḡ CḡP°PSC-CēPḡ PSC-Pḡ C†PḡCḡPḡP· 36 PiPsPrPēPS
PiC-CfP»Cḡ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHbPsC— PrPsP·Pē
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PḡCḡPsC,PēPiPsPeP°P·P°PSPSCḡB» C,P° B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCḡB»).

PḡPrPSPsC±P°CfPSPḡ P·P°CfC,PsCfCfPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PḡPḡPḡ P·
CḡP°C†PḡPeP°PrPsC,CḡPēP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPē mTOR (PSP°PīCḡPēPeP»P°Pr, C-P·
CfPēCḡPsP»C-PjCfCfPsPj, PḡPIPḡCḡPsP»C-PjCfCfPsPj, C,PḡPjCfPēCḡPsP»C-PjCfCfPsPj) C,P° P·
PiP»C-PiC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr, C-P· P»C-PSP°PiP»C-PiC,PēPSPsPj,
CfP°PeCfP°PiP»C-PiC,PēPSPsPj, CfPēC,P°PiP»C-PiC,PēPSPsPj, PIC-P»PrP°PiP»C-PiC,PēPSPsPj)
PjPsPḡPḡ PīCḡPēP·PIPḡCfC,Pē PrPs PiC-PrPIPeC%PḡPSPSCḡ CḡPēP·PēPeCf CḡPsP·PIPeC,PeCf
P°PSPiC-PsPSPḡPICḡPsC,PēC±PSPsPiPs PSP°P±CḡCḡPeCf (PrPēPI. CḡPsP·PrC-P»
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»).

*P>C-PeP°CḡCfChPeC- P·P°CfPsP±PēB C%Ps CfPīCḡPēC±PēPSCḡCḡC,Ch
PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ.*

P C-PIPḡPSCḡ PeP°P»C-Cḡ PI CfPēCḡPsPIP°C,C†C- PeCḡPsPIC- P·P°P·PIPeC±P°PNē
P·P°P»PēCēP°C”C,ChCfCḡ PI PjPḡPḡP°C... PSPsCḡPjPē, P°P»Pḡ Cf PrPḡCḡPePēC...
PīP°C†C-C”PSC,C-PI, CḡPeC- P·P°CfC,PsCfPsPICfCḡC,Ch P»C-PeP°CḡCfChPePēPNē
P·P°CfC-P± PḡP>P†PḡP·P , PjPsPḡPḡ PIPēPSPēPePSCfC,Pē
PiC-PiPḡCḡPeP°P»C-C”PjC-Cḡ. P”PḡCḡPeC- P»C-PeP°CḡCfChPeC- P·P°CfPsP±Pē
P°P±Ps C,PḡCḡP°PiPḡPIC,PēC±PSC- PeP»P°CfPē P»C-PeP°CḡCfChPePēC...
P·P°CfPsP±C-PI PjPsPḡCfC,Ch CfPiCḡPēC±PēPSPēC,Pē
PiC-PiPḡCḡPeP°P»C-C”PjC-CḡPIPePSPēPePSPḡPSPSCḡ PiC-PiPḡCḡPeP°P»C-C”PjC-C—,
P° CfP°PjPḡ: P°P»C-CfPeC-CḡPḡPS, CfPsP»C- PeP°P»C-Cḡ,
PeP°P»C-PNēP·P±PḡCḡC-PiP°CḡC±C- PrC-CfCḡPḡC,PēPePē (PSP°PīCḡPēPeP»P°Pr,

CГPиC-CTПsPSPsP»P°PeC,PsPS, C,CTПeP°PjC,PμCTПPμPS P°P±Ps P°PjC-P»PsCTПePTr),
 C-PSPиC-P±C-C,PsCTПe PПPμPα, P°PSC,P°PiPsPSC-CTC,Pe CTПPμC†PμPiC,PsCTПC-PI
 P°PSPиC-PsC,PμPSP·PēPSCr P†P†, PSPμCTC,PμCTПPsC—PrPSC-
 PiCTПPsC,PēP·P°PiP°P»CHPSC- P·P°CTPSP±Pē (PкPμP—P—), PiPμPiP°CTПePSPē,
 C-PjC†PSPsCTC†PiCTПPμCTPSCТПe, C,P°PeC- CИPe C†PēPeP»PsCTPiPsCTПePS P°P±Ps
 C,P°PeCTПPsP»C-PjC†CT, C,CTПePjPμC,PsPiCTПePj C,P° PePs-C,CTПePjPsPeCTP°P·PsP»
 (C,CTПePjPμC,PsPiCTПePj/CTC†P»CHC,,P°PjPμC,PsPeCTP°P·PsP»), PsCTPeC-P»CHPePē
 C,CTПePjPμC,PsPiCTПePj PrC-C” CИPe PeP°P»C-PNp·P±PμCTПC-PiP°CTC†PēPNp
 PrC-C†CTПPμC,PēPe, PiPsPrC-P±PSPs PrPs P°PjC-P»PsCTПePTrC†. PhPrPSPsC†P°CTPSPēPNp
 PiCTПePPNpPsPj PiPeP°P·P°PSPēC... P»C-PeP°CTCTCHPePēC... P·P°CTPSP±C-PI
 PiC-PrPiPēC%CrC” CTПeP·PēPe PiPēPSPēPePSPμPSPSCИ PiC-PiPμCTПeP°P»C-C”PjC-C—.B
 PŷPsPjC† PsPrPSPsC†P°CTPSPμ P·P°CTC,PsCTC†PiP°PSPSCИ P»C-PeP°CTCTCHPePsPiPs
 P·P°CTPSP±C† PПP·P†PŷP·P P·PiPēC%PμP·P°P·PSP°C†PμPSPēPjPē P»C-PeP°CTCTCHPePēPjPē
 P·P°CTPSP±P°PjPē PSPμ CTПPμPePsPjPμPSPPrPsPiP°PSPs. PiPeC%Ps PsPrPSPsC†P°CTPSPμ
 P·P°CTC,PsCTC†PiP°PSPSCИ C†PēC... CTПPμC†PsPiPēPS C” PSPμPsP±C...C-PrPSPēPj, C—C...
 CTP»C-Pr P·P°CTC,PsCTPsPIC†PiP°C,Pē P· PsP±PμCTПPμP¶PSC-CTC,CT C,P° PiCTПsPiPsPrPēC,Pē
 C†P°CTC,PēPNp PjPsPSC-C,PsCTПePSPi CTПC-PIPSИ PeP°P»C-CT C† CTPēCTПsPiP°C,C†C-
 PeCTПsPIC-.

PhPrPSPsC†P°CTPSPμ P·P°CTC,PsCTC†PiP°PSPSCИ PiCTПPsC,PēPiPsPeP°P·P°PSPs (PrPēPI.
 CTПPsP·PrC-P» B«PμCTПPsC,PēPiPsPeP°P·P°PSPSCИB»).

PПP»C-CTPeC-CTПPμPS: C† PiP°C†C-C”PSC,C-PI, C...PiPsCTПeC... PSP° C†C†PeCTПsPiPēPNp
 PrC-P°P±PμC,, P°P±Ps C† PiP°C†C-C”PSC,C-PI P· PiPsCTПC†C€PμPSPSCИPjPē C,,C†PSPeC†C-C—
 PSPēCTПsPe CTПeP·PēPe PiPēPSPēPePSPμPSPSCИ PiC-PiPμCTПeP°P»C-C”PjC-C—,
 PiPsPiC-CTC€PμPSPSCИ C,,C†PSPeC†C-C— PSPēCTПsPe C,P°
 PeP°CTПPrC-PsPiP°CTPeC†P»CИCTПSPsC— P·P°C...PiPsCTПCTПPiP°PSPsCTC,C- PNp
 P»PμC,P°P»CHPSPsCTC,C- PiC-PrPiPēC%CrC”C,CHCTCИ.

P·PeCTC,CTП°PePsCTПPiPsCTПP°P»CHPSC- PjPμC,PsPrPē P»C-PeC†PiP°PSPSCИ. CИPeC-
 PiCTПeP·PiPsPrCИC,CH PrPs PePsPSC,P°PeC,C† PeCTПsPIC- P· PSPμPiP°C,PēPiPSPs
 P·P°CTCИPrP¶PμPSPēPjPē PiPsPiPμCTПC...PSCИPjPē, C,P°PePēPjPē CИPe
 PiPēCTPsPePsPiCTПPsC,PsC†PSC- PjPμPjP±CTП°PSPē PrP»CИ PrC-P°P»C-P·C† P°P±Ps
 PiPμPjPsC,,C-P»CHC,CTП°C†C-C— (PSP°PiCTПePeP»P°Pr PiPsP»C-P°PeCTПeP»PsPIC-
 PjPμPjP±CTП°PSPē) C,P° PrP»CИ P°C,,PμCTПPμP·C† P»C-PiPsPiCTПPsC,PμC—PrC-PI
 PSPēP·CHPePsC— C%oC-P»CHPSPsCTC,C- P· PrPμPeCTC,CTП°PSCCTC†P»CHC,,P°C,PsPj, C%oPs
 PjPsP¶Pμ PiCTПeP·PiPμCTC,Pē PrPs PiC-PrPiPēC%PμPSPSCИ CTПeP·PēPeC†
 PiPēPSPēPePSPμPSPSCИ C,CИP¶PePēC... P°PSP°C,,C-P»P°PeC,PsC—PrPSPēC... CTПPμP°PeC†C-PNp
 (PrPēPI. CTПPsP·PrC-P» B«PμCTПPsC,PēPiPsPeP°P·P°PSPSCИB»). PJ CTП°P·C-
 PSPμPsP±C...C-PrPSPsCTC,C- C,P°PePsPiPs P»C-PeC†PiP°PSPSCИ, CTP»C-Pr
 CTПsP·PiP»CИPSC†C,Pē PjPsP¶P»PēPIC-CTC,CH PiPēPePsCTПeCTC,P°PSPSCИ
 PrC-P°P»C-P·PSPsC— PjPμPjP±CTП°PSPē C-PSC€PsPiPs C,PēPiC† P°P±Ps
 P·P°CTC,PsCTC†PiP°PSPSCИ C-PSC€PsPiPs PeP»P°CTC†
 P°PSC,PēPiC-PiPμCTПC,PμPSP·PēPiPSPēC... P»C-PeP°CTCTCHPePēC... P·P°CTPSP±C-PI.

PhPrPSPsC†P°CTPSPμ P·P°CTC,PsCTC†PiP°PSPSCИ PSPμ CTПPμPePsPjPμPSPPrPsPiP°PSPμ (PrPēPI.
 CTПPsP·PrC-P» B«PhCTPSP±P»PēPiPsCTC,C- P·P°CTC,PsCTC†PiP°PSPSCИB»).

PПP»C-CTPeC-CTПPμPS: C† P±C†PrCH·CИPePēC... C-PSC€PēC... PiP°C†C-C”PSC,C-PI, CИPe C- C†

C...PIPсЧҖPёC... PSP° C†CѓPеCҖPsPIPёPNё PrC-P°P±PµC, P°P±Ps PіP°C†C-C"PSC,C-PI P·
PіPsCҖCѓCёPµPSPSCІPjPё C,,CѓPSPеC†C-C"ЧҖ PSPёCҖPsPe, ЧҖPёP·PёPe
PIPёPSPёPePSPµPSPSCІ PіC-PіPµCҖPeP°P»C-C"PjC-C—, PіPsPіC-ЧҖCёPµPSPSCІ
C,,CѓPSPеC†C-C— PSPёCҖPsPe C,P° PeP°CҖPrC-PsPIP°CѓPеCѓP»CІCҖPSPсC—
P·P°C...PIPсЧҖЧҖPIP°PSPсCѓC,C- C,P° P»PµC,P°P»ЧҖPSPсCѓC,C-
PіC-PrPIPёC%оCѓC"ЧҖC,ЧҖCѓCІCІ.

PҖPrPSPсC±P°CѓPSPµ P·P°CѓC,PsCѓCѓPIP°PSPSCІ C-PSPіC-P±C-C,PsЧҖP° PҖPµP» C,P°
P±P»PsPeP°C,PsЧҖP° ЧҖPµC†PµPіC,PsЧҖC-PI P°PSPіC-PsC,PµPSP·PёPSCѓ

P—P° PrP°PSPёPjPё P»C-C,PµCҖP°C,CѓCҖPё PIC-PrPsPjPs, C%оPs Cѓ PіP°C†C-C"PSC,C-PI P·C-
PICѓC,P°PSPсPIP»PµPSPёPj P°C,PµCҖPsCѓPeP»PµCҖPsP·PsPj, CѓPµCҖC†PµPIPсЧҖ
PSPµPrPsCѓC,P°C,PSC-CѓC,ЧҖ P°P±Ps P· C†CѓPеCҖPsPIPёPj PrC-P°P±PµC,PsPj P·
CѓCҖP°P¶PµPSPSCІPj PsCҖPіP°PSC-PI-PjC-CёPµPSPµPNё PsPrPSPсC±P°CѓPSPµ
P·P°CѓC,PsCѓCѓPIP°PSPSCІ C-PSPіC-P±C-C,PsЧҖC-PI PҖPµP» C,P° P±P»PsPeP°C,PsЧҖC-PI
ЧҖPµC†PµPіC,PsЧҖC-PI P°PSPіC-PsC,PµPSP·PёPSCѓ CѓCѓPіCҖPsPIPсPrP¶CѓPIP°P»PsCѓCІCІ
PіC-PrPIPёC%оPµPSPSCІPj C±P°CѓC,PsC,Pё PIPёPSPёPePSPµPSPSCІ
P°CҖC,PµCҖC-P°P»ЧҖPSPсC— PіC-PіPsC,PµPSP·C-C—, PSPµPіCҖPёC,PsPjPSPсCѓC,C-,
PіC-PіPµCҖPeP°P»C-C"PjC-C— C,P° PіPsPіC-ЧҖCёPµPSPSCІPj C,,CѓPSPеC†C-C— PSPёCҖPsPe
(Cѓ C,PsPjCѓ C±PёCѓP»C- PіPsCѓC,ЧҖPsC— PSPёCҖPePsPIPсC— PSPµPrPsCѓC,P°C,PSPсCѓC,C-) PіPsCҖC-PIPSCІPSPс P· PjPsPSPсC,PµCҖP°PіC-C"ЧҖ P»C-PeP°CҖCѓCёPePёPjPё
P·P°CѓPсP±P°PjPё, C%оPs PIPіP»PёPIP°CҖC,ЧҖ PSP° P PҖPҖPҖ. P—P°CѓC,PsCѓCѓPIP°PSPSCІ
PіPsPrPIC-PNёPSPсC— P±P»PsPeP°PrPё (C,PsP±C,Ps PePsPjP±C-PSP°C†C-CІCІ
C-PSPіC-P±C-C,PsЧҖP° PҖPµP» P· P°PSC,P°PіPsPSC-CѓC,P°PjPё ЧҖPµC†PµPіC,PsЧҖC-PI
P°PSPіC-PsC,PµPSP·PёPSCѓ P†P†) PjPsP¶P»PёPIPµ C,C-P»ЧҖPePё PI PsPeCҖPµPjPёC...
PIPёPіP°PrPeP°C... P·P° CѓPjPsPIPё ЧҖPµC,PµP»ЧҖPSPсPіPs PePsPSC,ЧҖPsP»ЧҖ
C,,CѓPSPеC†C-C— PSPёCҖPsPe, ЧҖC-PIPSCІ PeP°P»C-ЧҖ C,P° P°CҖC,PµCҖC-P°P»ЧҖPSPсPіPs
C,PёCѓPeCѓ.

P·CѓC,ЧҖP°PjCѓCѓC,PePS: PіC-PrPIPёC%оPµPSPSCІ ЧҖPёP·PёPeCѓ PIPёPSPёPePSPµPSPSCІ
PіPsP±C-C±PSPёC... ЧҖPµP°PeC†C-PNё, C,P°PePёC... CІPe P°PSPіC-PsPSPµPICҖPsC,PёC±PSPёPNё
PSP°P±CҖCІPe (P°PSPіC-PsPµPrPµPjP°).

PҖP°P»C-PNёP·P±PµCҖC-PіP°CҖC±C- PrC-CѓCҖPµC,PёPePё (PSP°PіCҖPёPeP»P°Pr
C,ЧҖPёP°PjC,PµCҖPµPS, P°PjC-P»PsЧҖPёPr C,P° C-PSCёC-), CѓPsP»C- PeP°P»C-ЧҖ:
PIPёPSPёPePSPµPSPSCІ PіC-PіPµCҖPeP°P»C-C"PjC-C— (PіPsC,PµPSC†C-PNёPSPс
P»PµC,P°P»ЧҖPSPсC—), PsCѓPsP±P»PёPIPs Cѓ PіP°C†C-C"PSC,C-PI C-P·
PіPsCҖCѓCёPµPSPSCІPjPё C,,CѓPSPеC†C-C— PSPёCҖPsPe (P°PrPёC,PёPIPSPёPNё
PіC-PіPµCҖPeP°P»C-C"PjC-C±PSPёPNё PµC,,PµPeC,). P—P°P·PSP°C±PµPSC-
P»C-PeP°CҖCѓCёPeC- P·P°CѓPsP±Pё PSPµ ЧҖPµPePsPjPµPSPPrPsPIP°PSC- PrP»CІCІ
PsPrPSPсC±P°CѓPSPсPіPs P·P°CѓC,PsCѓCѓPIP°PSPSCІ P· PіPµCҖPёPSPPrPsPіCҖPёP»PsPj
(PrPёPI. ЧҖPsP·PrC-P» B«PҖCѓPsP±P»PёPIPsCѓC,C- P·P°CѓC,PsCѓCѓPIP°PSPSCІB»).

PҖPrPSP°Pe CІPeC%оPs PsPrPSPсC±P°CѓPSPµ PіCҖPёP·PSP°C±PµPSPSCІ C†PёC...
ЧҖPµC±PsPIPёPS C" PSPµPsP±C...C-PrPSPёPj, C—C... CѓP»C-Pr
P·P°CѓC,PsCѓPsPICѓPIP°C,Pё P· PsP±PµCҖPµP¶PSC-CѓC,ЧҖ C,P° PіCҖPsPIPсPrPёC,Pё
C±P°CѓC,PёPNё PePsPSC,ЧҖPsP»ЧҖ PeP°P»C-ЧҖ Cѓ CѓPёCҖPsPIP°C,C†C-B PeCҖPsPIC-.
P©PsPrPs P·P°CѓC,PsCѓCѓPIP°PSPSCІ CѓPіC-ЧҖPsPSPсP»P°PeC,PsPSCѓ PіCҖPё
CѓPµCҖC†PµPIC-PNё PSPµPrPsCѓC,P°C,PSPсCѓC,C- PrPёPI. PіCѓPSPеC,
B«PҖPrPSPсC±P°CѓPSPµ P·P°CѓC,PsCѓCѓPIP°PSPSCІ, CІPePµ PіPsC,ЧҖPµP±CѓC"
PsCѓPsP±P»PёPIPsC— CѓPIP°PіPёB».

P>C-C,C-PN. P₄CT₃P₆ P·P°C₁C,PsC₁C₁PIP°PSPSC- C-PSiC-P±C-C,PsCT₃C-PI P₃P₄P₅ P·
P»C-PeP°CT₃C₁CH₃PeP₆P₃P₆ P·P°C₁PsP±P°P₃P₆ P»C-C,C-CT₃ PiPsPIC-PrPsP₃P»C₁PI»PsC₁C₁
PiCT₃Ps PsP±PsCT₃PsC,PSP₄ PiC-PrPIP₆C%P₄PSPSC₁ PePsPSC†P₄PSC,CT₃P°C†C-C— P»C-C,C-CT₃
C₁ C₁P₆CT₃PsPIP°C,C†C-B PeCT₃PsPIC- C,P° PN₆PsPiPs C,PsPeC₁P₆CT₃PSC-C₁C,CH. P₄P₄
CT₃P₄PePsP₃P₄PSPrC₁C”C,CHC₁C₁ P·P°C₁C,PsC₁PsPIC₁PIP°C,P₆ PiP₄CT₃P₆PSPrPsPiCT₃P₆P» P·
P»C-PeP°CT₃C₁CH₃PeP₆P₃P₆ P·P°C₁PsP±P°P₃P₆ P»C-C,C-CT₃. P₃ CT₃P°P·C- PrPsPIP₄PrP₄PSPsC—
PSP₄PsP±C...C-PrPSPsC₁C,C- C,P°PePsPiPs PiCT₃P₆P·PSP°C†P₄PSPSC₁
PsP±PsPiCT₃™ C₁PI·PePsPIPs C₁P»C-Pr CT₃P₄C,P₄P»CH₃PSPs PePsPSC,CT₃PsP»CT₃PIP°C,P₆
CT₃C-PIP₄PSCH P»C-C,C-CT₃ C₁ C₁P₆CT₃PsPIP°C,C†C- PeCT₃PsPIC- (PrP₆PI. PiC₁PSPeC,B
B«PhC₁PsP±P»P₆PIPsC₁C,C- P·P°C₁C,PsC₁C₁PIP°PSPSC₁B»).

PhPrPSPsC†P°C₁PSP₄ P·P°C₁C,PsC₁C₁PIP°PSPSC₁, C%Ps PiPsC,CT₃P₄P±C₁C”
PsC₁PsP±P»P₆PIPsC— C₁PIP°PiP₆.

P₄CT₃PsC,P₆PrC-P°P±P₄C,P₆C†PSC- P·P°C₁PsP±P₆ (C-PSC₁C₁P»C-PS,
PiC-PiPsPiP»C-PeP₄P₃C-C†PSC- P·P°C₁PsP±P₆ PrP»C₁ PiP₄CT₃PsCT₃P°P»CH₃PSPsPiPs
P·P°C₁C,PsC₁C₁PIP°PSPSC₁).

P P₄P·C₁P»CH₃C,P°C,P₆ P₄PiC-PrP₄P₃C-PsP»PsPiC-C†PSP₆C... PrPsC₁P»C-PrP₄PIPsSCH
C₁PIC-PrC†P°C,CH PiCT₃Ps C,P₄, C%Ps PsPrPSPsC†P°C₁PSP₄ P·P°C₁C,PsC₁C₁PIP°PSPSC₁
C-PSiC-P±C-C,PsCT₃C-PI P₃P₄P₅ C,P° PiCT₃PsC,P₆PrC-P°P±P₄C,P₆C†PSP₆C... P·P°C₁PsP±C-PI
(C-PSC₁C₁P»C-PS, PiC-PiPsPiP»C-PeP₄P₃C-C†PSC- P·P°C₁PsP±P₆ PrP»C₁B
PiP₄CT₃PsCT₃P°P»CH₃PSPsPiPs P·P°C₁C,PsC₁C₁PIP°PSPSC₁) P₃PsP₄PIPs PiPsC₁P₆P»P₆C,P₆
C†C₁PeCT₃PsP·PSP₆P₄C₁PIP°P»CH₃PSP₆PN₆ P₄C,,P₄PeC, C-P· CT₃P₆P·P₆PePsP₃ CT₃PsP·PIP₆C,PeC₁
PiC-PiPsPiP»C-PeP₄P₃C-C—. P’C-CT₃PsPiC-PrPSC-C₁P₄, C%Ps C†P₄ C₁PIPsC%P₄B P₃PsP₄PIPs
PIP₆PSP₆PeP°C,P₆ PI PiP°C†C-C”PSC,C-PI C₁ PiP₄CT₃C₁C- C,P₆P₄PSC-
PePsP₃P±C-PSPsPIP°PSPsPiPs P»C-PeC₁PIP°PSPSC₁ C,P° C₁ PiP°C†C-C”PSC,C-PI P·
PSP₆CT₃PePsPIPsCT₃ PSP₄PrPsC₁C,P°C,PSC-C₁C,CH.

P’P°PeP»PsC,,P₄PS PiPsC₁P₆P»CT₃C” P°PSC,P₆PiC-PiP₄CT₃C,P₄PSP·P₆PIPsP₆PN₆ P₄C,,P₄PeC,,
P₄P₄PsP±C...C-PrPSPs PePsPSC,CT₃PsP»CT₃PIP°C,P₆ P°CT₃C,P₄CT₃C-P°P»CH₃PSP₆PN₆ C,P₆C₁Pe
C-, C₁ CT₃P°P·C- PSP₄PsP±C...C-PrPSPsC₁C,C-, PePsCT₃P₄PiC₁PIP°C,P₆ PrPsP·C₁
P°PSC,P₆PiC-PiP₄CT₃C,P₄PSP·P₆PIPsP₆PsPiPs P·P°C₁PsP±C₁.

P”C-C₁CT₃P₄C,P₆PeP₆. P₃ PiP°C†C-C”PSC,C-PI, C₁PeC- PiCT₃P₆PN₆P₃P°CT₃C,CH
PrC-C₁CT₃P₄C,P₆PeP₆, C,P° PsC₁PsP±P»P₆PIPs C₁ C,P₆C..., C₁ PePsPiPs PiPsCT₃C₁C₁PeP₄PSP₆PN₆
PIPsPrPSPs-P₄P»P₄PeC,CT₃PsP»C-C,PSP₆PN₆ PsP±P₃C-PS, P₃PsP₄PIPs P₆PIPs PSP°PrP₃C-CT₃PSP₄
P·PSP₆P₄PIPsPSPSC₁ P°CT₃C,P₄CT₃C-P°P»CH₃PSPsPiPs C,P₆C₁PeC₁ PiC-C₁P»C₁ PiPsC†P°C,PeC₁
P»C-PeC₁PIP°PSPSC₁ C-PSiC-P±C-C,PsCT₃PsP₃ P₃P₄P₅. P†P₃PsPIC-CT₃PSC-C₁C,CH
CT₃PsP·PIP₆C,PeC₁ PiC-PiPsC,P₄PSP·P₆PIPsP₆PsPiPs P₄C,,P₄PeC,C₁ P₃PsP₄PIPs P±C₁C,P₆
P·PSP₆P₄PIPsPSP° C₁PeP»C₁C...PsP₃ PIC-PrP₃C-PSP₆ PiCT₃P₆PN₆PsP₃C₁ PrC-C₁CT₃P₄C,P₆PeP°,
PiC-PrPIP₆C%P₄PSPSC₁ PsP±P₃CT₃™ C”P₃C₁ C†P₆CT₃PeC₁P»CT₃CT₃C†PsC— PeCT₃PsPIC- P°P±Ps
C₁PiPsP₄PIPsP₆PIPsPSPSC₁ C₁PsP»C- PiP₄CT₃P₄Pr PiPsC†P°C,PePsP₃ C,P₄CT₃P°PiC-C—
PiP₄CT₃P₆PSPrPsPiCT₃P₆P»PsP₃, C₁PeC₁ C₁P»C-Pr CT₃PsP·PiPsC†P₆PSP°C,P₆ P· PSP₆P·CH₃PePsC—
PrPsP·P₆, PiPsC₁C,C₁PiPsPIPs C—C— PiC-PrPIP₆C%C₁CT₃C†P₆. P₄CT₃P₆
P°CT₃C,P₄CT₃C-P°P»CH₃PSC-PN₆ PiC-PiP₄CT₃C,P₄PSP·C-C—, PePsP»P₆ PiPsPiP₄CT₃P₄PrPSCH₃Ps
PiCT₃P₆P·PSP°C†P₄PSP₆PN₆ PrC-C₁CT₃P₄C,P₆Pe P₃C-Pi C₁PiCT₃P₆C†P₆PSP₆C,P₆
PSP₄PrPsC₁C,P°C,PSC-C₁C,CH PIPsPrP₆/P₄P»P₄PeC,CT₃PsP»C-C,C-PI, PN₆PsPiPs
PSP₄PsP±C...C-PrPSPs PIC-PrP₃C-PSP₆C,P₆ PiP₄CT₃P₄Pr PiPsC†P°C,PePsP₃ P»C-PeC₁PIP°PSPSC₁
C-PSiC-P±C-C,PsCT₃PsP₃ P₃P₄P₅ (C₁ C,P°PeP₆C... PIP₆PiP°PrPeP°C... PiCT₃P₆PN₆PsP₃
PrC-C₁CT₃P₄C,P₆PeP° P₃PsP₄PIPs P±C₁C,P₆ PiPsPSPsPIP»P₄PSPs P· C†P°C₁PsP₃) P°P±Ps
PiCT₃P₆P·PSP°C†P₆C,P₆ C-PSiC-P±C-C,PsCT₃ P₃P₄P₅ C₁ PSP₆P·CH₃PeC-PN₆ PrPsP·C-,

PhPSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSC- P·P°CÍPsP±Pë C, P° PIP°P·PsPrPëP»P°C, P°C, PsCḡPë:
PsPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSPëC...
P·P°CÍPsP±C-PI PjPsP¶Pμ PiC-PrPIPëC%PëC, Pë PiC-PiPsC, PμPSP·PëPIPSPëPñ PμC,, PμPeC,
PiPμCḡPëPSPPrPsPiCḡPëP»CÍ. PhPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ P·
PSC-C, CḡPsPiP»C-C±PμCḡPëPSPsPj C, P° C-PSCëPëPjPë PSC-C, CḡP°C, P°PjPë P°P±Ps P·
C-PSCëPëPjPë PIP°P·PsPrPëP»P°C, P°C, PsCḡP°PjPë PjPsP¶Pμ CÍPiCḡPëCÍC, Pë
PrPsPrP°C, PePsPIPsPjCÍ P·PSPëP¶PμPSPSCḡ P°CḡC, PμCḡC-P°P»CHPSPsPiPs C, PëCÍPeCÍ.

PhPrPSPsC±P°CÍPSPμ P·P°CÍC, PsCÍCÍPIP°PSPSCÍ PrPμCÍPePëC...
C, CḡPëC±PëPeP»C-C±PSPëC... P°PSC, PëPrPμPiCḡPμCÍP°PSC, C-PI P°P±Ps
P°PSC, PëPiCÍPëC... PsC, CḡPsPiPSPëC... P·P°CÍPsP±C-PI, P°P±Ps P°PSPμCÍC, PμC, PëPeC-PI P·
C-PSPiC-P±C-C, PsCḡP°PjPë PhPμPα PjPsP¶Pμ PiCḡPëP·PIPμCÍC, Pë PrPs PiPsPrP°P»CHCëPsPiPs
P·PSPëP¶PμPSPSCÍ P°CḡC, PμCḡC-P°P»CHPSPsPiPs C, PëCÍPeCÍ (PrPëPI. CḡPsP·PrC-P»
B«PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCÍB»).

PŸPëPjPiP°C, PsPjC-PjPμC, PëPePë PjPsP¶CÍC, CH PiPsCÍP»P°P±P»CÍC, Pë
P°PSC, PëPiC-PiPμCḡC, PμPSP·PëPIPSCÍ PrC-Cḡ C-PSPiC-P±C-C, PsCḡC-PI PhPμPα.

P—PsP»PsC, Ps: PSC-C, CḡP°C, PsPiPsPrC-P±PSP° CḡPμP°PeC†C-CÍ (CÍPëPjPiC, PsPjPë:
PiPsC±PμCḡPIPSPSC-PSPSCÍ PsP±P»PëC±C±CÍ, PSCÍPrPsC, P°, P±P»CḡPIP°PSPSCÍ
C, P° P°CḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ) P·CÍCÍC, CḡC-C±P°P»P°CÍCÍ
CḡC-PrPePs CÍ PiP°C†C-C"PSC, C-PI, CÍPeC- PsPrPSPsC±P°CÍPSPs PiCḡPëPñPjP°P»Pë
C-PSPiC-P±C-C, PsCḡPë PhPμPα, PIPeP»CḡC±P°CḡC±Pë PiPμCḡPëPSPPrPsPiCḡPëP», C, P°
C-PSBḡ™ C"PëC†C-PñPSC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë P·PsP»PsC, P°
(PSP°C, CḡC-Cḡ P°CÍCḡPsC, C-PsPjP°P»P°C,).

PhCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍC±PIP°PSPSCÍ.

PŸC, P°P±C-P»CHPSP° C-CëPμPjC-C±PSP° C...PIPsCḡPsP±P° CÍPμCḡC†CÍ. Pj PIPëPiP°PrPeCÍ,
CÍPeC%Ps PiCḡPsC, CÍPiPsPj PiPμCḡCëPsPiPs PjC-CÍCÍC†CÍ P»C-PeCÍPIP°PSPSCÍ
PiPμCḡPëPSPPrPsPiCḡPëP»PsPj PIC-PrP±CÍPICÍCÍ PμPiC-P·PsPr PSPμCÍC, P°P±C-P»CHPSPsC—
CÍC, PμPSPsPeP°CḡPrC-C— (P±CÍPrCH-CÍPePsC— C, CÍP¶PePsCÍC, C-), PSPμPsP±C...C-PrPSPs
CḡPμC, PμP»CHPSPs P·PIP°P¶PëC, Pë CÍPiC-PIPIC-PrPSPsCëPμPSPSCÍ
CḡPëP·PëPe/PePsCḡPëCÍC, CH PiPμCḡPμPr C, PëPj CÍPe PIPëCḡC-CëCÍPIP°C, Pë
PiPëC, P°PSPSCÍ PiCḡPs PiCḡPsPrPsPIP¶PμPSPSCÍ C, PμCḡP°PiC-C—.

PhCḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ. PμCḡPëPñPsPj C-PSPiC-P±C-C, PsCḡC-PI
PhPμPα PjPsP¶Pμ CÍPiCḡPëC±PëPSPëC, Pë P·PSPëP¶PμPSPSCÍ P°CḡC, PμCḡC-P°P»CHPSPsPiPs
C, PëCÍPeCÍ. PŸPëPjPiC, PsPjP°C, PëC±PSP° P°CḡC, PμCḡC-P°P»CHPSP° PiC-PiPsC, PμPSP·C-CÍ
CÍPiPsCÍC, PμCḡC-PiP°C"C, CHCÍCÍ CḡC-PrCëPμ CÍ PiP°C†C-C"PSC, C-PI P·
PSPμCÍCÍPeP»P°PrPSPμPSPsCḡ P°CḡC, PμCḡC-P°P»CHPSPsCḡ PiC-PiPμCḡC, PμPSP·C-C"Cḡ
C, P° C" P±C-P»CHCë PIC-CḡPsPiC-PrPSPsCḡ CÍ PiP°C†C-C"PSC, C-PI P·
PiC-PiPsPIPsP»PμPjC-C"Cḡ, CÍ C, PëC..., C...C, Ps PiCḡPëPñPjP°C" PrC-CÍCḡPμC, PëPePë,
P·PSP°C...PsPrPëC, CHCÍCÍ PSP° PrC-C"C, C- P· PsP±PjPμP¶PμPSPSCÍPj PeC-P»CHPePsCÍC, C-
CÍPsP»C-, CÍ PiP°C†C-C"PSC, C-PI PSP° PrC-P°P»C-P·C-, CÍ PiP°C†C-C"PSC, C-PI P·
PrC-P°CḡPμC"Cḡ P°P±Ps P±P»CḡPIP°PSPSCÍPj, P°P±Ps CÍ PiP°C†C-C"PSC, C-PI C-P·
C, CÍP¶PePsCḡ CḡPμPSC-PS-P·P°P»PμP¶PSPsCḡ P°CḡC, PμCḡC-P°P»CHPSPsCḡ
PiC-PiPμCḡC, PμPSP·C-C"Cḡ (PrPëPI. CḡPsP·PrC-P»Pë B«P'P·P°C"PjPsPrC-CÍ P· C-PSCëPëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C, P° C-PSCëC- PIPëPrPë PIP·P°C"PjPsPrC-PñB»

C, P° B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»). PŸPëPjPïC, PsPjP°C, PëC±PSP°
P°CḡC, PμCḡC-P°P»CHbPSP° PiC-PïPsC, PμPSP·C-Cḡ CḡPïPsCḡC, PμCḡC-PiP°P»P°CḡCḡ Cḡ
PïP°C†C-C”PSC, C-PI C-P· CḡPëPjPïC, PsPjP°C, PëC±PSPsCḡ CḡPμCḡC†PμPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ, C-P· CḡCḡPïCḡC, PSCHbPsCḡ PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ P°P±Ps P±PμP· PSPμC—. P’PëPSPëPePSPμPSPSCḡ
CḡPëPjPïC, PsPjP°C, PëC±PSPsC— P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PïPsC, PμPSP·C-C—
PSP°PNëP±C-P»CHbC€ PIC-CḡPsPiC-PrPSPμ Cḡ PïP°C†C-C”PSC, C-PI P· P±C-P»CHbC€
C, CḡP¶PePëPj CḡC, CḡPïPμPSPμPj CḡPμCḡC†PμPIPsC— PSPμPrPsCḡC, P°C, PSPsCḡC, C-, CḡPeC-
PïCḡPëPNëPjP°CḡC, CHb PIPμP»PëPeC- PrPsP·Pë PïPμC, P»CHbPsPIPëC... PrC-CḡCḡPμC, PëPeC-PI,
PjP°CḡC, CHb PiC-PïPsPSP°C, CḡC-C”PjC-Cḡ P°P±Ps PSPëCḡPePsPICḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, CHb C,, CḡPSPeC†C-PsPSP°P»CHbPSPsPiPs C...P°CḡP°PeC, PμCḡCḡ.
PμP°C†C-C”PSC, P°PjPë P· PiC-PrPIPëC%PμPSPëPj CḡPëP·PëPePsPjB
CḡPëPjPïC, PsPjP°C, PëC±PSPsC— P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PïPsC, PμPSP·C-C— PSP°
PïPsC±P°C, PeCḡ C, PμCḡP°PïC-C— C, P° PSP° PμC, P°PïC- PiC-PrP±PsCḡCḡ PrPsP· PïPsPIPëPSPSC-
PïPμCḡPμP±CḡPIP°C, Pë PiC-Pr CḡPμC, PμP»CHbPSPëPj PSP°PiP»CḡPḡPsPj P»C-PeP°CḡCḡ
(PrPëPI. CḡPsP·PrC-P»Pë B«PŸPïPsCḡC-P± P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C, P° PrPsP·PëB» C, P°
B«PμPsP±C-C±PSC- CḡPμP°PeC†C-C—B»). PŸP°PeC- CḡP°PjC- P·P°CḡC, PμCḡPμP¶PμPSPSCḡ
CḡC, PsCḡCḡCḡ, CHbCḡCḡ PïP°C†C-C”PSC, C-PI P· P†PḡPŸ P°P±Ps
C†PμCḡPμP±CḡPsPIP°CḡPeCḡP»CḡCḡPSPëPjPë P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë, Cḡ
CḡPePëC... PSP°PrPjC-CḡPSPμ P·PSPëP¶PμPSPSCḡ P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ
PjPsP¶Pμ CḡPïCḡPëC±PëPSPëC, Pë PIPëPSPëPePSPμPSPSCḡ C-PSC,, P°CḡPeC, Cḡ
PjC-PsPeP°CḡPrP° P°P±Ps C-PSCḡCḡP»CHbC, Cḡ.

PμCḡPë PIPëPSPëPePSPμPSPSC- P°CḡC, PμCḡC-P°P»CHbPSPsC— PiC-PïPsC, PμPSP·C-C—
PïP°C†C-C”PSC, Cḡ CḡP»C-Pr PSP°PrP°C, Pë PiPsCḡPëP·PsPSC, P°P»CHbPSPμ
PïPsP»PsP¶PμPSPSCḡ C, P° Cḡ CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC, C- PIPIPμCḡC, Pë
PIPSCḡC, CḡC-C€PSCHbPsPIPμPSPSPs 0,9 % (9 PjPi/PjP») CḡPsP·C±PëPS PSP°C, CḡC-Cḡ
C...P»PsCḡPëPrCḡ. PŸCḡP°PSP·PëC, PsCḡPSP° PiC-PïPsC, PμPSP·C-Cḡ PSPμ C”
PïCḡPsC, PëPiPsPeP°P·P°PSPSCḡPj PrP»Cḡ PïPsPrP°P»CHbC€PsPiPs P·P°CḡC, PsCḡCḡPIP°PSPSCḡ
P»C-PeP°CḡCḡCHbPePëC... P·P°CḡPsP±C-PI, CḡPeC- P·P°P·PIPëC±P°PNë PjPsP¶PSP°
P·P°CḡC, PsCḡPsPICḡPIP°C, Pë P±PμP· P±CḡPrCHb-CḡPePëC... PïPμCḡPμC€PePsPr PïC-CḡP»Cḡ
PIC-PrPSPsPIP»PμPSPSCḡ PsP±bḡ™ C”PjCḡ PeCḡPsPIC- C, P° PïC-PrPIPëC%PμPSPSCḡ
P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ.

Pj PrPμCḡPePëC... PïP°C†C-C”PSC, C-PI C-P· P·P°CḡC, C-PNëPSPsCḡ CḡPμCḡC†PμPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ P· PSPsCḡPjP°P»CHbPSPëPj P°P±Ps P·PSPëP¶PμPSPëPj
P°CḡC, PμCḡC-P°P»CHbPSPëPj C, PëCḡPePsPj PïPμCḡPëPSPPrPsPiCḡPëP»Cḡ C, PμCḡC,-
P±CḡC, PëP»P°PjC-PS PjPsP¶Pμ CḡPïCḡPëC±PëPSPëC, Pë PrPsPrP°C, PePsPIPμ P·PSPëP¶PμPSPSCḡ
CḡPëCḡC, PμPjPSPsPiPs P°CḡC, PμCḡC-P°P»CHbPSPsPiPs C, PëCḡPeCḡ. PḡPμPNë PμC,, PμPeC, C”
PïPμCḡPμPrP±P°C±CḡPIP°PSPëPj C- P·P°P·PIPëC±P°PNë PSPμ PïPsC, CḡPμP±CḡC” PIC-PrPjC-PSPë
P»C-PeP°CḡCḡCHbPePsPiPs P·P°CḡPsP±Cḡ. PïPeC%Ps P°CḡC, PμCḡC-P°P»CHbPSP°
PiC-PïPsC, PμPSP·C-Cḡ CḡC, P°C” CḡPëPjPïC, PsPjP°C, PëC±PSPsCḡ, PjPsP¶Pμ
P·bḡ™ CḡPIPëC, PëCḡCḡ PSPμPsP±C...C-PrPSC-CḡC, CHb P·PSPëP¶PμPSPSCḡ PrPsP·Pë P°P±Ps
PIC-PrPjC-PSPë P»C-PeP°CḡCḡCHbPePsPiPs P·P°CḡPsP±Cḡ.

PŸC, PμPSPsP· P°PsCḡC, P°P»CHbPSPsPiPs C, P° PjC-C, CḡP°P»CHbPSPsPiPs
PeP»P°PïP°PSC-PI/PiC-PïPμCḡC, CḡPsC,, C-C±PSP° PeP°CḡPrC-PsPjC-PsPïP°C, C-Cḡ. PïPe C-
C-PSC€C- C-PSPiC-P±C-C, PsCḡPë PḡPμPα, PïPμCḡPëPSPPrPsPiCḡPëP»Cḡ C, PμCḡC,-
P±CḡC, PëP»P°PjC-PS CḡP»C-Pr PïCḡPëP·PSP°C±P°C, Pë P· PsP±PμCḡPμP¶PSC-CḡC, Cḡ
PïP°C†C-C”PSC, P°Pj P·C- CḡC, PμPSPsP·PsPj PjC-C, CḡP°P»CHbPSPsPiPs PeP»P°PïP°PSP° P°P±Ps
PsP±CḡC, CḡCḡPeC†C-C”Cḡ PIPëC...PsPrCḡ P· P»C-PIPsPiPs C€P»CḡPSPsC±PeP°

(P°PsCḥC,P°P»CHḖPSPëPNḖ CÍC,PḖPSPsP· P°P±Ps PiC-PiPḖCḥC,CḥPsC,,C-C±PSP°
PeP°CḥPrC-PsPjC-PsPiP°C,C-CḒ).

PḖPsCḥCÍC€PḖPSPSCḒ C,,CÍPSPeC†C-C— PSPëCḥPsPe.

PJ PIPëPiP°PrPeCÍ PSPëCḥPePsPIPsC— PSPḖPrPsCÍC,P°C,PSPsCÍC,C- (PeP»C-CḥPḖPSCÍ
PeCḥPḖP°C,PëPSC-PSCÍ < 60 PjP»/C...PI) PiPsC±P°C,PePsPICÍ PrPsP·CÍ
PiPḖCḥPëPSPPrPsPiCḥPëP»CÍ CÍP»C-Pr PiCḥPëP·PSP°C±P°C,Pë PIC-PrPiPsPIC-PrPSPs
PrPs PeP»C-CḥPḖPSCÍCÍ PeCḥPḖP°C,PëPSC-PSCÍ PiP°C†C-C”PSC,P° (PrPëPI.
CḥPsP·PrC-P» B«PÿPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCḒ C,P° PrPsP·PëB»), P° PrP°P»C-
Bḥ“ P·P°P»PḖPḖPSPs PIC-Pr PIC-PrPiPsPIC-PrC- PiP°C†C-C”PSC,P° PSP° P»C-PeCÍPIP°PSPSCḒ.
P PḖPiCÍP»CḒCḥPSPëPNḖ PjPsPSC-C,PsCḥPëPSPi PeP°P»C-Cḥ C,P° PeCḥPḖP°C,PëPSC-PSCÍ C”
C±P°CÍC,PëPSPsCḥ P·PIPëC±P°PNḖPSPsC— PjPḖPrPëC±PSPsC— PiCḥP°PeC,PëPePë PrP»CḒ
C,P°PePëC... PiP°C†C-C”PSC,C-PI (PrPëPI. CḥPsP·PrC-P» B«PḖPsP±C-C±PSC-
CḥPḖP°PeC†C-C-B»).

PJ PiP°C†C-C”PSC,C-PI C-P· CÍPëPjPiC,PsPjP°C,PëC±PSPsCḥ CÍPḖCḥC†PḖPIPsCḥ
PSPḖPrPsCÍC,P°C,PSC-CÍC,Cḥ P°CḥC,PḖCḥC-P°P»CHḖPSP° PiC-PiPsC,PḖPSP·C-CḒ, C°Ps
PIPëPSPëPeP°C” PSP° PiPsC±P°C,PeCÍ P·P°CÍC,PsCÍCÍPIP°PSPSCḒ C-PSPiC-P±C-C,PsCḥC-PI
PḥPḖPḖ, PjPsPḖPḖ PiCḥPëP·PIPḖCÍC,Pë PrPs PiPsCḥCÍC€PḖPSPSCḒ C,,CÍPSPeC†C-C—
PSPëCḥPsPe,B CÍ PrPḖCḒPePëC... PIPëPiP°PrPeP°C... Bḥ“ C-P· PIPëPSPëPePSPḖPSPSCḒPj
PiPsCÍC,CḥPsC— PSPëCḥPePsPIPsC— PSPḖPrPsCÍC,P°C,PSPsCÍC,C-, CḒPeP°
P·P°P·PIPëC±P°PNḖ C” PsP±PsCḥPsC,PSPsCḥ.

PJ PrPḖCḒPePëC... PiP°C†C-C”PSC,C-PI P· PrPIPsP±C-C±PSPëPj CÍC,PḖPSPsP·PsPj
PSPëCḥPePsPIPëC... P°CḥC,PḖCḥC-PNḖ P°P±Ps CÍC,PḖPSPsP·PsPj P°CḥC,PḖCḥC-C—
C”PrPëPSPsC— PSPëCḥPePë PiCḥPë P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSPiC-P±C-C,PsCḥC-PI
PḥPḖPḖ CÍPiPsCÍC,PḖCḥC-PiP°P»PsCÍCḒ P·P±C-P»CHḖC€PḖPSPSCḒ CḥC-PIPSCḒ
CÍPḖC±PsPIPëPSPë PeCḥPsPIC- C,P° PeCḥPḖP°C,PëPSC-PSCÍ PI CÍPëCḥPsPIP°C,C†C-
PeCḥPsPIC-, CḒPeC- P·P°P·PIPëC±P°PNḖ PiPsPIPḖCḥC,P°P»PëCÍCḒ PrPs PSPsCḥPjPë PiC-CÍP»CḒ
PiCḥPëPiPëPSPḖPSPSCḒ P»C-PeCÍPIP°PSPSCḒ. PiPḖ PsCÍPsP±P»PëPIPs
CÍC,PsCÍCÍC”C,CHḖCÍCḒ PiP°C†C-C”PSC,C-PI C-P· PSPëCḥPePsPIPsCḥ
PSPḖPrPsCÍC,P°C,PSC-CÍC,Cḥ. PḖCḥPë PSP°CḒPIPSPsCÍC,C- CÍCÍPiCÍC,PSCHḖPsC—
CḥPḖPSPsPIP°CÍPeCÍP»CḒCḥPSPsC— PiC-PiPḖCḥC,PḖPSP·C-C— CḥPëP·PëPe
PIPëPSPëPePSPḖPSPSCḒ C,CḒPḖPePsC— P°CḥC,PḖCḥC-P°P»CHḖPSPsC— PiC-PiPsC,PḖPSP·C-C—
C,P° PSPëCḥPePsPIPsC— PSPḖPrPsCÍC,P°C,PSPsCÍC,C- PiC-PrPIPëC°CÍC”C,CHḖCÍCḒ. P”P»CḒ
C,P°PePëC... PiP°C†C-C”PSC,C-PI P»C-PeCÍPIP°PSPSCḒ CÍP»C-Pr CḥPsP·PiPsC±PëPSP°C,Pë
PiC-Pr CḥPḖC,PḖP»CHḖPSPëPj CÍPiPsCÍC,PḖCḥPḖPḖPSPSCḒPj P»C-PeP°CḥCḒ P·
PjP°P»PḖPSCḖPePëC... PrPsP·, PsP±PḖCḥPḖPḖPSPs C,PëC,CḥCÍCḖC±Pë PrPsP·Pë.
P’CḥP°C...PsPICÍCḥC±Pë PIPëC°PḖCÍPeP°P·P°PSPḖ, P»C-PeCÍPIP°PSPSCḒ
PrC-CÍCḥPḖC,PëPeP°PjPë PjPsPḖPḖ CÍPiCḥPëC±PëPSPëC,Pë PIPëPSPëPePSPḖPSPSCḒ
P°CḥC,PḖCḥC-P°P»CHḖPSPsC— PiC-PiPsC,PḖPSP·C-C—, C,PsPjCÍ C—C... PiPsC,CḥC-P±PSPs
PIC-PrPjC-PSPëC,Pë C,P° PiCḥPsPIPsPrPëC,Pë PjPsPSC-C,PsCḥPëPSPi C,,CÍPSPeC†C-C—
PSPëCḥPsPe CÍ PiPḖCḥC€C- C,PëPḖPSC- P»C-PeCÍPIP°PSPSCḒ PiPḖCḥPëPSPPrPsPiCḥPëP»CÍ
C,PḖCḥC,-P±CÍC,PëP»P°PjC-PSCÍ.

PJ PrPḖCḒPePëC... PiP°C†C-C”PSC,C-PI P· P°CḥC,PḖCḥC-P°P»CHḖPSPsCḥ
PiC-PiPḖCḥC,PḖPSP·C-C”Cḥ, CÍ CḒPePëC... PrPs PiPsC±P°C,PeCÍ P»C-PeCÍPIP°PSPSCḒ PSPḖ
P±CÍP»Ps PIPëCḒPIP»PḖPSPs CḥPḖPSPsPIP°CÍPeCÍP»CḒCḥPSPëC...
P·P°C...PIPsCḥCḥPIP°PSCḥ, PIC-PrP±CÍPIP°P»PsCÍCḒ PiC-PrPIPëC°PḖPSPSCḒ
CÍPḖC±PsPIPëPSPë PeCḥPsPIC- C,P° PeCḥPḖP°C,PëPSC-PSCÍ CÍPëCḥPsPIP°C,PePëB

PeCḡPsPIC-, P·P°P·PIPëC†P°PNë PSPµP·PSP°C†PSPµ C,P° C,PëPjC†P°CḡPsPIPµ, PsCḡPsP±P»PëPIPs
PePsP»Pë PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-P±CḡC,PëP»P°PjC-PS PīCḡPëP·PSP°C†P°P»Pë
PsPrPSPSc†P°CḡPSPs P· PrC-CḡCḡPµC,PëPePsPj. PhP»Pµ C†Pµ P±C-P»CHC€
C...P°CḡP°PeC,PµCḡPSPs PrP»Cḡ PīP°C†C-C''PSC,C-PI P· CḡPḡPµ C-CḡPSCḡCḡC†PsCḡ
PSPëCḡPePsPIPsCḡ PSPµPrPsCḡC,P°C,PSC-CḡC,Cḡ. PhPsPḡPµ P±CḡC,Pë
PSPµPsP±C...C-PrPSPëPj P·PSPëPḡPµPSPSCḡ PrPsP·Pë C,P°/P°P±Ps PIC-PrPjC-PSP°
PrC-CḡCḡPµC,PëPeP° C,P°/P°P±Ps PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-
P±CḡC,PëP»P°PjC-PSCḡ.

PµP°C†C-C''PSC,Pë, CḡPeC- PīPµCḡPµP±CḡPIP°CḡC,CH PSP° PīPµPjPsPrC-P°P»C-P·C-
PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPëPīP°PrPePë PIPëPSPëPePSPµPSPSCḡ
P°PSP°C,,C-P»P°PeC,PsC—PrPSPëC... CḡPµP°PeC†C-PNë Cḡ PīP°C†C-C''PSC,C-PI, CḡPeC-
PīCḡPëPNëPjP°P»Pë C-PSPiC-P±C-C,PsCḡPë PhPµPα PīC-Pr C†P°Cḡ PīPµCḡPµP±CḡPIP°PSPSCḡ
PSP° PīPµPjPsPrC-P°P»C-P·C- P· PIPëPePsCḡPëCḡC,P°PSPSCḡPj
PIPëCḡPsPePsPīCḡPsC,PsC†PSPëC... PjPµPjP±CḡP°PS. PḡP°PePëPj PīP°C†C-C''PSC,P°Pj CḡP»C-Pr
P·P°CḡC,PsCḡPsPICḡPIP°C,Pë C-PSC€PëPNë C,PëPī PrC-P°P»C-P·PSPëC... PjPµPjP±CḡP°PS
P°P±Ps PīCḡPëP·PSP°C†P°C,Pë P°PSC,PëPiC-PīPµCḡC,PµPSP·PëPIPSC- P·P°CḡPsP±Pë
C-PSC€PsPiPs PeP»P°CḡCḡ.

PµP°C†C-C''PSC,Pë PīC-CḡP»Cḡ C,CḡP°PSCḡPīP»P°PSC,P°C†C-C— PSPëCḡPePë. P°PsCḡPIC-Pr
C°%PsPrPs PīCḡPëP·PSP°C†PµPSPSCḡ PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-
P±CḡC,PëP»P°PjC-PSCḡ PīP°C†C-C''PSC,P°Pj PīC-CḡP»Cḡ PSPµC°%PsPrP°PIPSPs
PīPµCḡPµPSPµCḡPµPSPsC— PsPīPµCḡP°C†C-C— P· C,CḡP°PSCḡPīP»P°PSC,P°C†C-C—
PSPëCḡPePë PIC-PrCḡCḡC,PSC-PNë.

P PµPSPsPIP°CḡPeCḡP»CḡCḡPSP° PīC-PīPµCḡC,PµPSP·C-Cḡ.

Pj CḡP°P·C- PīCḡPëP·PSP°C†PµPSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI PhPµPα PīP°C†C-C''PSC,P°Pj
C-P· PrPIPsP±C-C†PSPëPj CḡC,PµPSPsP·PsPj PSPëCḡPePsPIPëC... P°CḡC,PµCḡC-PNë P°P±Ps
CḡC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— C''PrPëPSPsC— C,,CḡPSPeC†C-PsPSCḡCḡC†PsC—
PSPëCḡPePë PīC-PrPIPëC°%CḡC''C,CHCḡCḡ CḡPëP·PëPe PIPëPSPëPePSPµPSPSCḡ
P°CḡC,PµCḡC-P°P»CHPSPsC— PīC-PīPsC,PµPSP·C-C— C,P° PSPëCḡPePsPIPsC—
PSPµPrPsCḡC,P°C,PSPsCḡC,C- (PrPëPI. CḡPsP·PrC-P» B«PµCḡPsC,PëPīPsPeP°P·P°PSPSCḡB»).

PḡPīCḡPëCḡC,P»PëPIPëPj C,,P°PeC,PsCḡPsPj PjPsPḡPµ P±CḡC,Pë P»C-PeCḡPIP°PSPSCḡ
PrC-CḡCḡPµC,PëPeP°PjPë. P°C,CḡP°C,P° C,,CḡPSPeC†C-C— PSPëCḡPsPe PjPsPḡPµ
PīCḡPsCḡPIP»CḡC,PëCḡCḡ PjC-PSC-PjP°P»CHPSPëPjPë P·PjC-PSP°PjPë Cḡ CḡC-PIPSCḡ
PeCḡPµP°C,PëPSC-PSCḡ CḡPëCḡPsPIP°C,PePëB PeCḡPsPIC- PSP°PIC-C,CH Cḡ
PīP°C†C-C''PSC,C-PI P·C- CḡC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— PsPrPSC-C''C— P· PSPëCḡPsPe.

P°C-PīPµCḡC†CḡC,P»PëPIC-CḡC,CH/P°PSPiC-PsPSPµPICḡPsC,PëC†PSPëPNë PSP°P±CḡCḡPe.

PµPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs CḡC-PrPeC-CḡPSC- PIPëPīP°PrPePë
PIPëPSPëPePSPµPSPSCḡ P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ
PsP±P»PëC†C†Cḡ, PeC-PSC†C-PIPsPe, PīCḡP±, CḡP»PëP·PsPIPëC... PsP±PsP»PsPSPsPe,
CḡP·PëPeP°, PiPsP»PsCḡPsPIPsC— C°%C-P»PëPSPë C,P°/P°P±Ps PiPsCḡC,P°PSC- Cḡ
PīP°C†C-C''PSC,C-PI, PīC-Pr C†P°Cḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡC-PI
PhPµPα, Cḡ C,PsPjCḡ C†PëCḡP»C- PīPµCḡPëPSPrPsPīCḡPëP»Cḡ C,PµCḡC,-P±CḡC,PëP»P°PjC-PSCḡ
(PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C†PSC- CḡPµP°PeC†C-C—B»). PīPµ PjPsPḡPµ
CḡC,P°C,PëCḡCḡ P±CḡPrCHḡ-PePsP»Pë PīC-Pr C†P°Cḡ P»C-PeCḡPIP°PSPSCḡ. Pj C,P°PePëC...
PIPëPīP°PrPeP°C... PSPµPsP±C...C-PrPSPs C,PµCḡPjC-PSPsPIPs PIC-PrPjC-PSPëC,Pë
P»C-PeP°CḡCḡCHḡPePëPNë P·P°CḡC-P± C- PICḡC,P°PSPsPIPëC,Pë PIC-PrPīPsPIC-PrPSPëPNë
PSP°PiP»CḡPr P·P° CḡC,P°PSPsPj PīP°C†C-C''PSC,P° PrPs PīPsPIPsPiPs P·PSPëPePSPµPSPSCḡ

C#PμCḡPμP· PīC-PrPIPēC%oPμPSPēPNē CḡPēP·PēPe CḡPsP·PIPēC,PeCf
P°PSPiC-PsPSPμPICḡPsC,PēC#PSPsPiPs PSP°P±CḡCΠPeCf (PrPēPI. CḡPsP·PrC-P»
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSCΠB»). P PsP·PīPsC#PēPSP°C,Pē P·P°CfC,PsCfCfPIP°PSPSCΠ
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf CfP»C-Pr PSPμ CḡP°PSC-CēPμ PSC-P¶
C#PμCḡPμP· 36 PiPsPrPēPS PīC-CfP»CΠ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pē
PīPμCḡPēPSPPrPsPīCḡPēP»Cf. Pj CḡP°P·C- PīCḡPēPīPēPSPμPSPSCΠ P»C-PeCfPIP°PSPSCΠ
CfP°PeCfP±C-C,CḡPēP»PsPj/PIP°P»CfP°CḡC,P°PSPsPj C,PμCḡP°PīC-Cḡ
PīPμCḡPēPSPPrPsPīCḡPēP»PsPj CfP»C-Pr CḡPsP·PīPsC#PēPSP°C,Pē PSPμ CḡP°PSC-CēPμ PSC-P¶
C#PμCḡPμP· 36 PiPsPrPēPS PīC-CfP»CΠ PīCḡPēPNēPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pē
CfP°PeCfP±C-C,CḡPēP»Cf/PIP°P»CfP°CḡC,P°PSCf (PrPēPI. CḡPsP·PrC-P»Pē
B«PμCḡPsC,PēPīPsPeP°P·P°PSPSCΠB» C,P° B«P'P·P°C"PjPsPrC-CΠ P· C-PSCēPēPjPē
P»C-PeP°CḡCfCHPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»).

PḡPrPSPsC#P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCΠ C-PSPiC-P±C-C,PsCḡC-PI PḡPμPα P·
C-PSPiC-P±C-C,PsCḡP°PjPē PSPμPNēC,CḡP°P»CHPSPsC— PμPSPPrPsPīPμPīC,PēPrP°P·Pē (PḡP·Pμ)
(PSP°PīCḡPēPeP»P°Pr, C-P· CḡP°CfPμPeP°PrPsC,CḡPēP»PsPj), C-PSPiC-P±C-C,PsCḡP°PjPē
mTOR (PSP°PīCḡPēPeP»P°Pr, C-P· CfPēCḡPsP»C-PjCfCfPsPj, PμPIPμCḡPsP»C-PjCfCfPsPj,
C,PμPjCfPēCḡPsP»C-PjCfCfPsPj) C,P° PiP»C-PīC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr, C-P·
P»C-PSP°PiP»C-PīC,PēPSPsPj, CfP°PeCfP°PiP»C-PīC,PēPSPsPj, CfPēC,P°PiP»C-PīC,PēPSPsPj,
PIC-P»PrP°PiP»C-PīC,PēPSPsPj) PjPsP¶Pμ PīCḡPēP·PIPμCfC,Pē PrPs PīC-PrPIPēC%oPμPSPSCΠ
CḡPēP·PēPeCf CḡPsP·PIPēC,PeCf P°PSPiC-PsPSPμPICḡPsC,PēC#PSPsPiPs PSP°P±CḡCΠPeCf
(PSP°PīCḡPēPeP»P°Pr PSP°P±CḡCΠPeCf PrPēC...P°P»CHPSPēC... CēP»CΠC...C-PI P°P±Ps
CΠP·PēPeP°, P· PīPsCḡCfCēPμPSPSCΠPj C„CfPSPeCfC-C— PrPēC...P°PSPSCΠ P°P±Ps P±PμP·)
(PrPēPI. CḡPsP·PrC-P» B«P'P·P°C"PjPsPrC-CΠ P· C-PSCēPēPjPē P»C-PeP°CḡCfCHPePēPjPē
P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PNēB»). PŸP»C-Pr P·
PsP±PμCḡPμP¶PSC-CfC,Cḡ CḡPsP·PīPsC#PēPSP°C,Pē P»C-PeCfPIP°PSPSCΠ
CḡP°CfPμPeP°PrPsC,CḡPēP»PsPj, C-PSPiC-P±C-C,PsCḡP°PjPē mTOR (PSP°PīCḡPēPeP»P°Pr
CfPēCḡPsP»C-PjCfCfPsPj, PμPIPμCḡPsP»C-PjCfCfPsPj, C,PμPjCfPēCḡPsP»C-PjCfCfPsPj) C,P°
PiP»C-PīC,PēPSP°PjPē (PSP°PīCḡPēPeP»P°Pr P»C-PSP°PiP»C-PīC,PēPSPsPj,
CfP°PeCfP°PiP»C-PīC,PēPSPsPj, CfPēC,P°PiP»C-PīC,PēPSPsPj, PIC-P»PrP°PiP»C-PīC,PēPSPsPj)
PīP°CfC-C"PSC,C-PI, CΠPeC- PIP¶Pμ P·P°CfC,PsCfPsPICfCḡC,CH C-PSPiC-P±C-C,PsCḡPē
PḡPμPα.

PḡPSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C— PīC-Pr C#P°Cf PīP»P°P·PjP°C„PμCḡPμP·Cf
P»C-PīPsPīCḡPsC,PμC—PrC-PI PSPēP·CHPePsC— C%oC-P»CHPSPsCfC,C- (P·PμPḡP°).
P—CḡC-PrPeP° Cf PīP°CfC-C"PSC,C-PI, CΠPeC- PīCḡPēPNēPjP°CḡC,CH
C-PSPiC-P±C-C,PsCḡPē PḡPμPα PīC-Pr C#P°Cf PīCḡPsPIPμPrPμPSPSCΠ
PīP»P°P·PjP°C„PμCḡPμP·Cf P»C-PīPsPīCḡPsC,PμC—PrC-PI PSPēP·CHPePsC—
C%oC-P»CHPSPsCfC,C- (P·PμPḡP°) P· PIPēPePsCḡPēCfC,P°PSPSCΠPj
PrPμPeCfC,CḡP°PSCfCfP»CHC„P°C,Cf, PIPēPSPēPeP°P»Pē PSPμP±PμP·PīPμC#PSC-
PrP»CΠ P¶PēC,C,CΠ P°PSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C—.
P PsP·PIPēC,PeCf P°PSP°C„C-P»P°PeC,PsC—PrPSPēC... CḡPμP°PeCfC-PNē PjPsP¶PSP°
CfPSPēPePSCfC,Pē, CΠPeC%oPs PīPμCḡPμPr PīCḡPsPIPμPrPμPSPSCΠPj PePsP¶PSPsPiPs
PīP»P°P·PjP°C„PμCḡPμP·Cf C,PēPjC#P°CfPsIPs PīCḡPēPīPēPSCΠC,Pē
P»C-PeCfPIP°PSPSCΠ C-PSPiC-P±C-C,PsCḡP°PjPē PḡPμPα.

PḡPSP°C„C-P»P°PeC,PsC—PrPSC- CḡPμP°PeCfC-C— PīC-Pr C#P°Cf
PrPμCfPμPSCfPēP±C-P»C-P·CfCḡC#PsC— C,PμCḡP°PīC-C—. Pj PīP°CfC-C"PSC,C-PI, CΠPeC-
PīCḡPēPNēPjP°CḡC,CH C-PSPiC-P±C-C,PsCḡPē PḡPμPα PīC-Pr C#P°Cf
PrPμCfPμPSCfPēP±C-P»C-P·CfCḡC#PsPiPs P»C-PeCfPIP°PSPSCΠ (PSP°PīCḡPēPeP»P°Pr,
P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pē, C%oPs PjC-CfC,CΠC,CH P±PrP¶PsP»PēPSCf

PsC, C₇CrC, Cr) PjPsP₇CrC, CH PIP₆PSP₆PeP^oC, P₆ P^oPSP^oC, C-P₆»P^oPeC, PsC—PrPSC—
C₇P₆P^oPeC†C—C—, C₇PeC—P^oPiC₇PsP₇CrC₇C, CH P₇P₆C... C₇P₆P^oPeC†C—P₆
PjPsP₇PSP^o CrPSP₆PePSC₇C, P₆ PiC₇P₆ C, P₆PjC†P^oCrPSPiPsPjCr PiC₇P₆PiP₆PSP₆PSPSC—
P^oP^oCrC, PsC₇CrP^oPSPSC₇ C—PSPiC—P₆±C—C, PsC₇C—Pi P₇P₆P₆, P^oP₆»P₆ C₇P₆P^oPeC†C—
PjPsP₇CrC, CH PIP₆PSP₆PePSC₇C, P₆ P^oPSPsPIC₇ PiC₇P₆ PSP₆PsP₆±P₆C₇P₆P₇PSPsPjCr
PiC₇PsP₆P₆PrP₆PSPSC— PiC₇PsP₆PeP^oC†C—P₆PSP₆C... PiC₇PsP₆±.

P₆P₆C†C—PSPePsPIP^o PSP₆PrPsC₇C, P^oC, PSC—C₇C, CH. P C—PrPePs P^oP^oCrC, PsC₇CrP^oPSPSC₇
C—PSPiC—P₆±C—C, PsC₇C—Pi P₇P₆P₆ P^oCrPSC†C—C₇PIP^oP₆»PsC₇C₇ P₆ PIP₆PSP₆PePSP₆PSPSC₇Pj
C₇P₆PSPPrC₇PsPjCr, C₇Ps C₇PsP₆PiPsC†P₆PSP^oC₇C, CHC₇C₇ P₆·
C...PsP₆»P₆C₇C, P^oC, P₆C†PSPsC— P₇P₆PiC, C₇PSP₆C†C— C— PiC₇PsPiC₇P₆C₇CrC₇ PrPs
C₆PIP₆PrPePsPiP₆»P₆PSPSPsPiPs PSP₆PeC₇PsP₆·Cr PiP₆C†C—PSPeP₆, C—PSPePsP₆»P₆ P₆·
P₆»P₆C, P^oP₆»CHPSP₆Pj PSP^oCrP₆»C—PrPePsPj. P₆P₆C...P^oPSC—P₆Pj C†CHPsPiPs C₇P₆PSPPrC₇PsPjCr
PSP₆C₇C₇PSP₆P₆.B P₆P^oC†C—C^oPSC, P^oPj, Cr C₇PeP₆C... PiC—Pr C†P^oCr PiC₇P₆P₆PsPjCr
C—PSPiC—P₆±C—C, PsC₇C—Pi P₇P₆P₆ C₇PsP₆PIP₆PSC₇P₆»P^oCrC₇ P₇P₆PiC, C₇PSP₆C†C₇B P^oP₆±Ps
C₇PiPsC₇C, P₆C₇C—PiP^oC₇C, CHC₇C₇ PiC—PrPIP₆C₇PsPSPSC₇ C₇C—PIPSC₇
PiP₆C†C—PSPePsPIP₆C... C₇, P₆C₇PjP₆PSC, C—Pi, C₇P₆»C—Pr PiC₇P₆PiP₆PSP₆C, P₆ PiC₇P₆P₆PsPj
C—PSPiC—P₆±C—C, PsC₇P^o P₇P₆P₆ C, P^o P^oP₆±P₆P₆PiP₆C†P₆C, P₆ PIC—PrPiPsPIC—PrPSP₆
PjP₆PrP₆C†PSP₆ PsP₆±C₇C, P₆P₇P₆PSPSC₇ C— P₆»C—PeCrP^oPSPSC₇ (PrP₆PI. C₇PsP₆PrC—P₆»
B«P₆PsP₆±C—C†PSC— C₇P₆P^oPeC†C—C—B»).

P₆P₆P₆C, C₇PsPiP₆PSC—C₇/P^oPiC₇P^oPSC₇P₆»PsC†P₆C, PsP₆·, C, C₇PsPjP₆±PsC†P₆C, PsPiP₆PSC—C₇
C, P^o P^oPSP₆PjC—C₇

P₇P₆C₇P₆Pr PiP^oC†C—C^oPSC, C—Pi, C₇PeC— PiC₇P₆P₆PjP^oC₇C, CH C—PSPiC—P₆±C—C, PsC₇P₆
P₇P₆P₆, P₆CrP₆»Ps P^oP^oC₇P₆C^oCrC, C₇PsPIP^oPSPs PIP₆PiP^oPrPeP₆
PSP₆P₆C, C₇PsPiP₆PSC—C₇/P^oPiC₇P^oPSC₇P₆»PsC†P₆C, PsP₆·Cr,
C, C₇PsPjP₆±PsC†P₆C, PsPiP₆PSC—C₇ C, P^o P^oPSP₆PjC—C₇. Pj PiP^oC†C—C^oPSC, C—Pi P₆·
PSPsC₇PjP^oP₆»CHPSPsC₇ C₇, CrPSPeC†C—C^oC₇ PSP₆C₇PsPe C, P^o PiC₇P₆
PIC—PrC₇CrC, PSPsC₇C, C— C—PSC₆PeC... C₇, P^oPeC, PsC₇C—Pi C₇P₆P₆·P₆PeCr
PSP₆P₆C, C₇PsPiP₆PSC—C₇ PIP₆PSP₆PeP^oC₇ C₇C—PrPePs. P₆P₆C₇P₆PSPPrPsPiC₇P₆P₆» C₇P₆»C—Pr
PiC₇P₆P₆·PSP^oC†P^oC, P₆ PrCrP₇P₆ PsP₆±P₆C₇P₆P₇PSPs PiP^oC†C—C^oPSC, P^oPj C—P₆B
PePsP₆»P₆PiP₆PSPsP₆·PsPj, PiC—Pr C†P^oCr C, P₆C₇P^oPiC—C— C—PjCrPSPsC₇CrPiC₇P₆C₇PsC₇P^oPjP₆,
P^oP₆»PsPiC₇P₆PSPsP₆»PsPj P^oP₆±Ps PiC₇PsPeP^oC—PSP^oPjC—PrPsPj, P^oP₆±Ps PiC₇P₆
PiPsC^oPrPSP^oPSPSC— C†P₆C... PsP₆±C, C₇P₇P₆»P₆PIP₆C... C₇, P^oPeC, PsC₇C—Pi, PsC₇PsP₆±P₆»P₆IPs
C₇PeC₇Ps C^o PiPsC₇CrC₆P₆PSPSC₇ C₇, CrPSPeC†C—C— PSP₆C₇PsPe. Pj PrP₆PePsPiPs P₆·
C, P^oPeP₆C... PiP^oC†C—C^oPSC, C—Pi PIP₆P^oPSP^oC†P^oPiC₇C₇ C₇PsP₆·PIP₆C, PsPe
C₇P₆C₇P₆P₆PsP₆·PSP₆C... C—PSC₇, P₆PeC†C—P₆PSP₆C... P^oP^oC...PIP₆C₇CHPIP^oPSC₇, C₇PeC— Pi
PrP₆PeC—P₆»CHPePsC... PIP₆PiP^oPrPeP^oC... PSP₆ PIC—PrPiPsPIC—PrP^oP₆»P₆ PSP^o
C—PSC, P₆PSC₇P₆PIPSC₇ P^oPSC, P₆P₆±C—PsC, P₆PePsC, P₆C₇P^oPiC—C₇. Pj C₇P^oP₆C—
P^oP^oCrC, PsC₇CrP^oPSPSC₇ PiP₆C₇P₆PSPPrPsPiC₇P₆P₆»Cr C, P^oPeP₆Pj PiP^oC†C—C^oPSC, P^oPj
C₇P₆PePsPjP₆PSPPrCrC^oC, CHC₇C₇ PiP₆C₇C—PsPrP₆C†PSPs PePsPSC, C₇PsP₆»CHPIP^oC, P₆
PeC—P₆»CHPeC—C₇C, CH P₆»P₆P₆PePsC†P₆C, C—Pi Cr PeC₇PsPIC—. P₇P^oPePsP₇ PiP^oC†C—C^oPSC, P₆
PjP^oC₇C, CH P^oPSP^oC, P₆, C₇Ps PSP₆PsP₆±C...C—PrPSPs C₇PiPsPIC—C₇P^oC, P₆ PiC₇Ps
P₆±CrPrCH—C₇PeP₆P₆ PiC₇PsC₇PI C—PSC₇, P₆PeC†C—P₆PSPsPiPs P^oP^oC...PIP₆C₇CHPIP^oPSPSC₇
(P₆±C—P₆»CH Cr PiPsC₇P₆»C—, PiP^oC₇C₇C†PeCr).

P^oCrP₆PiC— PsC₇PsP₆±P₆»P₆IPsC₇C, C—, P†PSPiC—P₆±C—C, PsC₇P₆ P₇P₆P₆ C†P^oCrC, C—C₆P₆
C₇PiC₇P₆C†P₆PSC₇C, CH PIP₆PSP₆PePSP₆PSPSC₇ P^oPSPiC—PsPSP₆PiC₇PsC, P₆C†PSPsPiPs
PSP^oP₆±C₇C₇PeCr Cr PiP^oC†C—C^oPSC, C—Pi PSP₆PiC₇PsC—PrPSPsC— C₇P^oCrP₆, PSC—P₇ Cr
PiP^oC†C—C^oPSC, C—Pi C—PSC₆PeC... C₇P^oCr. P₆P₆C₇P₆PSPPrPsPiC₇P₆P₆», C₇Pe C— C—PSC₆C—
C—PSPiC—P₆±C—C, PsC₇P₆ P₇P₆P₆, PjP₆PSC₆ P₆C₇, P₆PeC, P₆PIPSPs P^oPSP₆P₇CrC^o

C, C₇H₆P₆J₆P₆C, PsP₆C₇H₆P₆J₆/C₇C₇P₆»C₇H₆C, „P₆J₆P₆C, PsP₆C₇P₆°P₆·PsP₆»), PsC₇P₆Ps₆±P₆»P₆PIPs
P₆°PSC, P₆PiPsPSC-C₇C, C-PI P₆°P₆»C₇H₆PrPsC₇C, P₆C₇H₆PsPSC₇ P₆°P₆±Ps P₆±P₆»PsP₆P₆°C, PsC₇H₆C-PI
C₇H₆P₆C₇P₆PiC, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PS₆C₇. P—P₆°C₇C, PsC₇C₇PiP₆°PSPSC₇
C...P₆°C₇H₆C₇PsPIP₆C... PrPsP₆±P₆°PIPsP₆e, C₇%Ps P₆J₆-C₇C, C₇IC, C₇H₆ PeP₆°P₆»C-PN₆,
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇P₆C... PrC-C₇C₇H₆P₆C, P₆PeC-PI P₆°P₆±Ps P₆°P₆J₆C-PSPSP₆PeC-PI
C₇P₆PsP₆»C- P₆· PeP₆°P₆»C-C₇P₆, PsC₇P₆Ps₆±P₆»P₆PIPs C₇ PiP₆°C₇C-C₇PSC, C-PI C-P₆.
PiPsC₇C₇C₇PeP₆μPSPSC₇P₆P₆C, „C₇PSP₆C₇C-C— PSP₆C₇H₆PsP₆e, P₆J₆PsP₆¶P₆ PiC₇H₆P₆·PiP₆C₇C, P₆ PrPs
P·PSP₆C₇PsP₆PiPs PiC-PrPIP₆C₇%P₆μPSPSC₇ C₇H₆C-PIPS₆C₇ PeP₆°P₆»C-C₇ C₇ C₇P₆C₇H₆PsPIP₆°C, C₇C-
PeC₇H₆PsPIC-. P₆°C-PiP₆μC₇H₆PeP₆°P₆»C-C₇P₆J₆-C₇ P₆J₆PsP₆¶P₆ C₇PiC₇H₆P₆C₇P₆PS₆C, P₆
PIP₆PS₆PeP₆PS₆μPSPSC₇ C₇P₆μC₇H₆PN₆PsP·PSPSC—, C-PSP₆PrC- P₆μC, P₆°P₆»C₇H₆PS₆C—
P₆°C₇H₆PeC, P₆J₆-C—. P₆μP₆°C₇C-C₇PSC, P₆°P₆, C₇ICPeC- PiC₇H₆PePN₆P₆J₆°C₇H₆C, C₇H₆ C-PSPiC-P₆±C-C, PsC₇H₆P₆
P₆hP₆μP₆, C₇P₆»C-Pr P₆· PsP₆±P₆μC₇H₆P₆¶PSC-C₇C, C₇ PiC₇H₆P₆·PSP₆C₇P₆°C, P₆
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇- PrC-C₇C₇H₆P₆C, P₆PeP₆ C, P₆° P₆±P₆»PsP₆P₆°C, PsC₇H₆P₆
C₇H₆P₆C₇P₆PiC, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PS₆C₇, P₆° C, P₆°PePsP₆¶ PiC₇H₆PsIPsPrP₆C, P₆
C₇H₆P₆C, P₆μP₆»C₇H₆PS₆PN₆ P₆J₆PsPSC-C, PsC₇H₆P₆PS₆Pi C₇H₆C-PIPS₆C₇ PeP₆°P₆»C-C₇ C₇
C₇P₆PeC₇H₆PsPIP₆°C, C₇C- PeC₇H₆PsPIC- C, P₆° C, „C₇PSP₆C₇C-PN₆ PSP₆C₇H₆PsP₆e. PiPeC₇%Ps
PsPrPSP₆C₇P₆°C₇PSP₆μ P₆°C₇C, PsC₇C₇PiP₆°PSPSC₇ PiP₆μC₇H₆P₆PS₆PrPsPiC₇H₆P₆»C₇ C, P₆°
P₆±C₇PrC₇H₆-C₇ICPePsC— P₆· PIP₆C₇%P₆μP₆°P₆·PSP₆C₇PsP₆PS₆C... C₇H₆P₆C₇PsPIP₆PS
PIPIP₆°P₆°C₇C, C₇H₆C₇C₇ PrPsC₇H₆P₆C₇PS₆P₆, C—C... C₇P₆»C-Pr P₆°C₇C, PsC₇P₆PiC₇PiP₆°C, P₆ P₆·
PsP₆±P₆μC₇H₆P₆¶PSC-C₇C, C₇ C, P₆° P₆· C₇P₆°C₇C, P₆P₆ P₆J₆PsPSC-C, PsC₇H₆P₆PS₆PiPsP₆J₆ C₇H₆C-PIPS₆C₇
PeP₆°P₆»C-C₇ C₇ C₇P₆PeC₇H₆PsPIP₆°C, C₇C- PeC₇H₆PsPIC- (PrP₆PI. C₇H₆PsP·PrC-P₆» B«P₆°P₆°C₇°P₆J₆PsPrC-C₇ P₆·
C-PSC₆PeP₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P₆°C₇P₆±P₆°P₆P₆ C, P₆° C-PSC₆C- PIP₆PrP₆
PIP₆°C₇°P₆J₆PsPrC-PN₆B»).

P₆μP₆°C₇C-C₇PSC, P₆°P₆, C...PIPsC₇H₆P₆J₆ PSP₆° C₇C₇PeC₇H₆PsPIP₆PN₆ PrC-P₆°P₆±P₆μC, „C₇ICPeC-
PiC₇H₆PePN₆P₆J₆°C₇H₆C, C₇H₆ PiP₆μC₇H₆PsC₇H₆P₆°»C₇H₆PS- C₇C₇PeC₇H₆PsP·PSP₆¶C₇PiP₆°P₆»C₇H₆PS-
P₆°C₇P₆±P₆Pe P₆°P₆±Ps PsC, C₇H₆P₆J₆C₇H₆C, C₇H₆ C-PSC₇C₇P₆»C-PS, PSP₆μPsP₆±C...C-PrPSP₆
C₇H₆P₆C, P₆μP₆»C₇H₆PS₆ PePsPSC, C₇H₆PsP₆»C₇H₆PIP₆°C, P₆ C₇H₆C-PIP₆μPSCH₆ PiP₆»C-PeP₆μJ₆C-C—
PiC₇H₆PsC, C₇ICPiPsP₆ PiP₆μC₇H₆PePsPiPs P₆J₆-C₇C₇IC₇C₇ C, P₆μC₇H₆P₆PiC-C—
C-PSPiC-P₆±C-C, PsC₇H₆P₆P₆ P₆hP₆μP₆ (PrP₆PI. C₇H₆PsP·PrC-P₆» B«P₆°P₆°C₇°P₆J₆PsPrC-C₇ P₆·
C-PSC₆PeP₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P₆°C₇P₆±P₆°P₆P₆ C, P₆° C-PSC₆C- PIP₆PrP₆
PIP₆°C₇°P₆J₆PsPrC-PN₆B»).

P₆»C-C, C-PN₆. P₆hPrPSP₆C₇P₆°C₇PSP₆PN₆ PiC₇H₆PePN₆PsP₆J₆ P₆»C-C, C-C₇ C, P₆°
PiP₆μC₇H₆P₆PS₆PrPsPiC₇H₆P₆»C₇ P₆°P₆·PIP₆C₇P₆°PN₆ PSP₆μ C₇H₆P₆PePsP₆J₆μPSP₆PrPsPIP₆°PSP₆PN₆
(PrP₆PI. C₇H₆PsP·PrC-P₆» B«P₆°P₆°C₇°P₆J₆PsPrC-C₇ P₆· C-PSC₆PeP₆P₆
P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆ P₆°C₇P₆±P₆°P₆P₆ C, P₆° C-PSC₆C- PIP₆PrP₆
PIP₆°C₇°P₆J₆PsPrC-PN₆B»).

P₆hPrPSP₆C₇P₆°C₇PSP₆μ P₆°C₇C, PsC₇C₇PiP₆°PSPSC₇ PiP₆μC₇H₆P₆PS₆PrPsPiC₇H₆P₆»C₇ P₆·
PeP₆°P₆»C-PN₆·P₆±P₆μC₇H₆C-PiP₆°C₇H₆C₇P₆P₆ PrC-C₇C₇H₆P₆C, P₆PeP₆°P₆P₆, C...P₆°C₇H₆C₇PsPIP₆P₆P₆
PrPsP₆±P₆°PIPeP₆°P₆P₆, C₇%Ps P₆J₆-C₇C, C₇IC, C₇H₆ PeP₆°P₆»C-PN₆, P₆°P₆±Ps C-P₆.
P₆°P₆J₆C-PSPSP₆PeP₆°P₆P₆ C₇P₆PsP₆»C- P₆· PeP₆°P₆»C-C₇P₆ PSP₆μ C₇H₆P₆PePsP₆J₆μPSP₆PrC₇C₇C, C₇H₆C₇C₇
(PrP₆PI. C₇H₆PsP·PrC-P₆» B«P₆°P₆°C₇°P₆J₆PsPrC-C₇ P₆· C-PSC₆PeP₆P₆ P₆»C-PeP₆°C₇C₇H₆PeP₆P₆P₆
P₆°C₇P₆±P₆°P₆P₆ C, P₆° C-PSC₆C- PIP₆PrP₆ PIP₆°C₇°P₆J₆PsPrC-PN₆B»).

P₆μPsPrPIC-PN₆PSP₆° P₆±P₆»PsP₆P₆°PrP₆° C₇H₆μPSC-PS-P₆°PSPiC-PsC, P₆μPSP·P₆PS-
P₆°P₆»C₇H₆PrPsC₇C, P₆μC₇H₆PsPSP₆PIP₆C— C₇P₆PeC₇C, P₆μP₆P₆ (P P₆hP₆P₆Y). P₆†C₇PSC₇C₇C, C₇H₆
PrP₆°PSC-, C₇%Ps PsPrPSP₆C₇P₆°C₇PSP₆PN₆ PiC₇H₆PePN₆PsP₆J₆ C-PSPiC-P₆±C-C, PsC₇H₆C-PI
P₆hP₆μP₆, P₆±P₆»PsP₆P₆°C, PsC₇H₆C-PI C₇H₆P₆C₇P₆PiC, PsC₇H₆C-PI P₆°PSPiC-PsC, P₆μPSP·P₆PS₆C₇
P₆†P₆°P₆±Ps P₆°P₆»C-C₇PeC-C₇H₆μPSC₇ PiC-PrPIP₆C₇%C₇C₇ C₇H₆P₆·P₆Pe

PIPëPSPëPePSPµPSPSCΠ P°CḡC,PµCḡC-P°P»CHbPSPsC— PiC-PiPsC,PµPSP·C-C—,
 PiC-PiPµCḡPeP°P»C-C"ḡC-C— C,P° P·PSPëP¶PµPSPSCΠ C,,CfPSPeC†C-C— PSPëCḡPsPe
 (PIPeP»CḡC†P°CḡC†Pë PiPsCḡC,CḡCf PSPëCḡPePsPICr PSPµPrPsCḡC,P°C,PSC-CḡC,CHb).
 PŷPsPjCf PiPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PhPhPŷ C€P»CΠC...PsPj
 PsPrPSPsC†P°CḡPSPsPiPs PiCḡPëPNëPsPjCf C-PSPiC-P±C-C,PscḡC-PI PhPµPα,
 P±P»PsPeP°C,PscḡC-PI CḡPµC†PµPiC,PscḡC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P†
 P°P±Ps P°P»C-CḡPeC-CḡPµPSCr PSPµ CḡPµPePsPjPµPSPrPsPIP°PSP° (PrPëPI.
 CḡPsP·PrC-P» B«P'P·P°C"ḡPjPsPrC-CΠ P· C-PSC€PëPjPë P»C-PeP°CḡCḡCHbPePëPjPë
 P·P°CḡPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"ḡPjPsPrC-PNëB»). PİPeC%oPs
 P»C-PeCfPIP°PSPSCΠ P· PsPrPSPsC†P°CḡPSPëPj P·P°CḡC,PscḡCfPIP°PSPSCΠPj
 PrPIPsC... P±P»PsPeP°C,PscḡC-PI P PhPhPŷ PIPiP°P¶P°C"C,CHbCḡCΠ
 P°P±CḡPsP»CḡC,PSPs PSPµPsP±C...C-PrPSPëPj, PIPsPSPs PjPsP¶Pµ
 PIC-PrP±CfPIP°C,PëCḡCΠ C,C-P»CHbPePë PiC-Pr PSP°PiP»CΠPrPsPj
 CḡPiPµC†C-P°P»C-CḡC,P° C,P° P·P° CfPjPsPIPë C†P°CḡC,PsiPs CḡPµC,PµP»CHbPSPsPiPs
 PjPsPSC-C,PscḡPëPSPiCf C,,CfPSPeC†C-C— PSPëCḡPsPe, CḡC-PIPsCΠ
 PµP»PµPeC,CḡPsP»C-C,C-PI C,P° P°CḡC,PµCḡC-P°P»CHbPSPsPiPs C,PëCḡPeCf.
 P†PSPiC-P±C-C,PscḡPë PhPµPα C,P° P±P»PsPeP°C,PscḡPë CḡPµC†PµPiC,PscḡC-PI
 P°PSPiC-PsC,PµPSP·PëPSCr P†P† PSPµ CḡP»C-Pr P·P°CḡC,PscḡPsPICrPIP°C,Pë
 PsPrPSPsC†P°CḡPSPs PiP°C†C-C"PSC,P°Pj C-P· PrC-P°P±PµC,PëC†PSPsCḡ
 PSPµC,,CḡPsPiP°C,C-C"ḡC.

PµPµCḡPIPëPSPSPëPNë P°P»CHbPrPsCḡC,PµCḡPsPSC-P·Pj. PµP°C†C-C"PSC,Pë P·
PiPµCḡPIPëPSPSPëPj PiC-PiPµCḡP°P»CHbPrPsCḡC,PµCḡPsPSC-P·PjPsPj P·P°P·PIPëC†P°PNë PSPµ
PIC-PrPiPsPIC-PrP°CḡC,CHb PSP° P»C-PeCfPIP°PSPSCΠ
P°PSC,PëPiC-PiPµCḡC,PµPSP·PëPIPsPëPjPë P»C-PeP°CḡCḡCHbPePëPjPë
P·P°CḡPsP±P°PjPë, CΠPeC- PrC-CḡC,CHb C€P»CΠC...PsPj PiCḡPëPiPSC-C†PµPSPSCΠ
CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPSPsPIPsC— CḡPëCḡC,PµPjPë. PŷPsPjCf C,P°PePëPj
PiP°C†C-C"PSC,P°Pj P·P°CḡC,PscḡPsPICrPIP°C,Pë PrP°PSPëPNë P»C-PeP°CḡCḡCHbPePëPNë
P·P°CḡC-P± PSPµ CḡPµPePsPjPµPSPrCfC"C,CHbCḡCΠ.

P"PsPiPsPjC-P¶PSC- CḡPµC†PsPIPëPSPë.

P"Ps CḡPeP»P°PrCf P»C-PeP°CḡCḡCHbPePsPiPs P·P°CḡPsP±Cf PIC...PsPrPëC,CHb P»P°PeC,PSP·P°,
 C,PSPjCf PiP°C†C-C"PSC,P°Pj C-P· CḡC-PrPeC-CḡPSPsCḡ CḡPiP°PrPePsPIPsCḡ
 PSPµPiPµCḡPµPSPsCḡPëPjC-CḡC,Cḡ PiP°P»P°PeC,PSP·Pë, CḡPëPSPrCḡPsPjPsPj
 PjP°P»CHbP°P±CḡPsCḡP±C†C-C— PiP»CḡPePsP·Pë-PiP°P»P°PeC,PSP·Pë,
 PSPµPrPsCḡC,P°C,PSC-CḡC,Cḡ P»P°PeC,P°P·Pë P·P°PiP° PSPµ
 CḡPµPePsPjPµPSPrCfC"C,CHbCḡCΠ PiCḡPëPNëPjP°C,Pë P»C-PeP°CḡCḡCHbPePëPNë P·P°CḡC-P±
 PhP·P†PŷP·P .

*P—P°CḡC,PscḡCžPIP°PSPSCΠ Cž PiPµCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
 PiPsPrCžPIP°PSPSCΠ PiCḡCžPrPrCḡ.*

P'P°PiC-C,PSC-CḡC,CHb

P>C-PeP°CḡCḡCHbPePëPNë P·P°CḡC-P± PiCḡPsC,PëPiPsPeP°P·P°PSPs

P·P°CÍ'C,PsCÍ'PsPICrPIP°C,Pë PIP°PiC-C,PSpëPj P°P±Ps P¶C-PSPeP°Pj, C¶PeC-
PïP»P°PSCrC¶C,CH P·P°PIP°PiC-C,PSC-C,Pë. PïPeC%Ps PiC-Pr C‡P°CÍ'
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ P»C-PeP°C¶CÍ'CHPePsPiPs P·P°CÍ'Ps±CÍ' PhP·P†PÿP·P
PiC-PrC,PIPµC¶PrP¶CÍ'C",CHCÍ'CI PIP°PiC-C,PSC-CÍ'C,CH, PNPsPiPs
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ PSPµPsP±C...C-PrPSPs PSPµPiP°PNsPSPs PiC¶PëPiPëPSPëC,Pë C-
P·P°PjC-PSpëC,Pë C-PSCëPëPj P»C-PeP°C¶CÍ'CHPePëPj P·P°CÍ'PsP±PsPj, PrPsP·PIPsP»PµPSPëPj
PrPs P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶ PIP°PiC-C,PSpëPj.

Pj PIPëPiP°PrPeCÍ', C¶PeC%Ps P¶C-PSPeP° PiC¶PëPNsPjP°P»P° C-PSPiC-P±C-C,PsC¶ PhPµPα
PiC-Pr C‡P°CÍ' P†P† C,C¶PëPjPµCÍ'C,C¶CÍ' PIP°PiC-C,PSPsCÍ'C,C-, PrPëC,PëPSC-
C¶PµPePsPjPµPSPPrPsPIP°PSPs PiC¶PsPIPµCÍ'C,Pë CÍ'P»CHC,C¶P°P·PICrPePsPIPµ
PrPsCÍ'P»C-PrP¶PµPSPSC¶ C,,CÍ'PSPeC†C-C— PSpëC¶PsPe C,P° PeC-CÍ'C,PsPe C‡PµC¶PµPiP°.
PáPsPIPsPSP°C¶PsPrP¶PµPSC-, PjP°C,PµC¶C- C¶PePëC... PiC¶PëPNsPjP°P»Pë
C-PSPiC-P±C-C,PsC¶Pë PhPµPα CÍ' PiPµC¶C-PsPr PIP°PiC-C,PSPsCÍ'C,C-, PjP°C¶C,CH
P·PSP°C...PsPrPëC,PëCÍ'CI PiC-Pr C¶PµC,PµP»CHPSPëPj PSP°PiP»C¶PrPsPj C‡PµC¶PµP·
PjPsP¶P»PëPIC-CÍ'C,CH PIPëPSPëPePSPµPSPSC¶ P°C¶C,PµC¶C-P°P»CHPSPsC—
PiC-PiPsC,PµPSP·C-C—.

PµPµC¶C-PsPrB PiPsPrCáPIP°PSPSC¶ PiC¶CáPrPrC¶

PáPµ C¶PµPePsPjPµPSPPrCÍ'C",CHCÍ'CI P·P°CÍ'C,PsCÍ'CrPIP°PSPSC¶
PïPµC¶PëPSPPrPsPiC¶PëP»CÍ' C,PµC¶C,-P±CÍ'C,PëP»P°PjC-PSCr CÍ' PïPµC¶C-PsPr
PiPsPrCÍ'PIP°PSPSC¶ PiC¶CÍ'PrPrC¶ CÍ' P·PIB¶™ C¶P·PeCÍ' P· PIC-PrCÍ'CrC,PSC-CÍ'C,C¶
PrP°PSPëC... C%PsPrPs PNsPiPs PiC¶PsPSPëPePSPµPSPSC¶ CÍ' PiC¶CÍ'PrPSPµ PjPsP»PsPePs.
PµC-Pr C‡P°CÍ' PiPsPrCÍ'PIP°PSPSC¶ PiC¶CÍ'PrPrC¶ P±P°P¶P°PSPs PiC¶PëP·PSP°C‡PëC,Pë
P°P»CHC,PµC¶PSP°C,PëIPSPµ P»C-PeCÍ'PIP°PSPSC¶ C-P· P±C-P»CHCë
PrPsCÍ'P»C-PrP¶PµPSPëPj PiC¶PsC,,C-P»PµPj P±PµP·PiPµPePë, PsCÍ'PsP±P»PëPIPs PiC-Pr
C‡P°CÍ' PiPsPrCÍ'PIP°PSPSC¶ PSPsPIPsPSP°C¶PsPrP¶PµPSPsPiPs P°P±Ps
PSPµPrPsPSPsCëPµPSPsPiPs PSPµPjPsPIP»C¶C,Pë.

PαPµC¶C,PëP»CHPSC-CÍ'C,CH

P'PïP»PëPICr PSP° C¶PµPiC¶PsPrCÍ'PeC,PëIPSCr P·PrP°C,PSC-CÍ'C,CH P°P±Ps
C,,PµC¶C,PëP»CHPSC-CÍ'C,CH PSPµ PIPëC¶PIP»PµPSPs.

-

P—PrP°C,PSC-CÍ'C,CH PIPïP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CÍ'C,CH C¶PµP°PeC†C-C— PiC¶Pë
PePµC¶CáPIP°PSPSC- P°PIC,PsC,C¶P°PSCÍ'PiPsC¶C,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

PµPµC¶PëPSPPrPsPiC¶PëP»CÍ' C,PµC¶C,-P±CÍ'C,PëP»P°PjC-PS PSPµ PjP°C" PiC¶C¶PjPsPiPs
PIPïP»PëPICr PSP° P·PrP°C,PSC-CÍ'C,CH PePµC¶CÍ'PIP°C,Pë C,C¶P°PSCÍ'PiPsC¶C,PSPëPjPë
P·P°CÍ'PsP±P°PjPë C,P° PIPëPePsC¶PëCÍ'C,PsPICrPIP°C,Pë PjPµC...P°PSC-P·PjPë. PhP»Pµ CÍ'
PrPµC¶PePëC... PïP°C†C-C" PSC,C-PI PjPsP¶CÍ'C,CH PIPëPSPëPeP°C,Pë
C-PSPrPëPIC-PrCÍ'P°P»CHPSC- C¶PµP°PeC†C-C—, PïPsPIB¶™ C¶P·P°PSC- P·C-
P·PSPëP¶PµPSPSC¶Pj P°C¶C,PµC¶C-P°P»CHPSPsPiPs C,PëCÍ'PeCÍ', PsCÍ'PsP±P»PëPIPs PSP°
PïPsC‡P°C,PeCÍ' P»C-PeCÍ'PIP°PSPSC¶ P°P±Ps PiC¶Pë PsPrPSPsC‡P°CÍ'PSPsPjCÍ'
P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- P· C-PSCëPëPjPë P°PSC,PëPiC-PiPµC¶C,PµPSP·PëIPSPëPjPë
P»C-PeP°C¶CÍ'CHPePëPjPë P·P°CÍ'PsP±P°PjPë. PïPe C¶PµP·CÍ'P»CHC,P°C,,
P·PrP°C,PSC-CÍ'C,CH PePµC¶CÍ'PIP°C,Pë C,C¶P°PSCÍ'PiPsC¶C,PSPëPjPë P·P°CÍ'PsP±P°PjPë
P°P±Ps PIPëPePsC¶PëCÍ'C,PsPICrPIP°C,Pë PjPµC...P°PSC-P·PjPë PjPsP¶Pµ P±CÍ'C,Pë

$$\text{P}\ddot{\text{P}}\text{sC}\text{T}\text{hC}\text{rC}\epsilon\text{P}\mu\text{PSP}^\circ.$$

PŸPİPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCİ C,P° PrPsP·Pë.

$P''P \gg C \downarrow \text{Pi} P_{\mu} C_{\bar{H}} P_s C_{\bar{H}} P^{\circ} P \gg C_{\bar{H}} P S P_s P_i P_s \text{ } P \cdot P^{\circ} C \bar{I} C, P_s C \bar{I} C \bar{I} P I P^{\circ} P S P S C \downarrow. P \bar{Y} P^{\circ} P \pm P \gg P_{\mu} C, P_e P \bar{e} \text{ } P S P_{\mu}$
 $P \bar{i} C - P r P \gg C \downarrow P i P^{\circ} C \bar{H} C, C_{\bar{H}} C_{\bar{H}} P_s P \cdot P \bar{i} P_s P r C - P \gg C \bar{I}.$

PyP°P±P»PμC,PePë CĤPμPePsPjPμPSPrPsPIP°PSPs PïCĤPëPNzPjP°C,Pë 1 CĤP°P· PSP° PrPsP±Cř, PICĤP°PSC†C- PïPμCĤPμPr C—PrPsCĤ.

$P''PsP \cdot Cr \text{ } \overline{CIP} \gg C - Pr \text{ } \overline{P}iC - PrP \pm P\overline{e}C\overline{H}P^{\circ}C, P\overline{e} \text{ } C - PSPrP\overline{e}PIC - PrCrP^{\circ}P \gg CH\overline{P}SPs,$
 $P \cdot P^{\circ}P \gg P_{\mu}P \overline{P}SPs \text{ } \overline{PIC} - Pr \text{ } \overline{P}iC\overline{H}PsC,, C - P \gg C\overline{H} \text{ } \overline{P}iP^{\circ}C \uparrow C - C''PSC, P^{\circ}, \overline{P}iPsPeP^{\circ}P \cdot PSP\overline{e}PeC - PI$
 $P^{\circ}C\overline{H}C, P_{\mu}C\overline{H}C - P^{\circ}P \gg CH\overline{P}SPsPiPs \text{ } C, P\overline{e}C\overline{I}PeCr \text{ } C, P^{\circ} \text{ } \overline{PIC} - Pr\overline{P}iPsPIC - PrC - PSP^{\circ}$
 $P \gg C - PeCrPIP^{\circ}PSPSC \updownarrow (PrP\overline{e}PI. \text{ } C\overline{H}PsP \cdot PrC - P \gg B \ll PhC\overline{I}PsP \pm P \gg P\overline{e}PIPsC\overline{I}C, C -$
 $P \cdot P^{\circ}C\overline{I}C, PsC\overline{I}CrPIP^{\circ}PSPSC \updownarrow B \gg).$

$$\underline{\text{P}_5\text{C}_7\text{C}, \text{P}_\mu\text{C}_7\text{C}-\text{P}^\circ\text{P} \gg \text{CHBPSP}^\circ \text{ PiC}-\text{PiP}_\mu\text{C}_7\text{C}, \text{P}_\mu\text{PSP}^\circ\text{C}-\text{Cl}}.$$

$\text{P}\mu\text{P}\mu\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{PSP}\text{rPs}\tilde{\text{P}}\text{iC}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\gg\text{Cr C},\text{P}\mu\text{C}\tilde{\text{H}}\text{C},-\text{P}\pm\text{CrC},\text{P}\ddot{\text{e}}\text{P}\gg\text{P}^\circ\text{PjC}-\text{PS PjPsP}\P\text{PSP}^\circ$
 $\text{P}\tilde{\text{i}}\text{C}\tilde{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSP}^\circ\text{C}\ddagger\text{P}^\circ\text{C},\text{P}\ddot{\text{e}}\text{ C}\P\text{Pe PjPsPSPsC},\text{P}\mu\text{C}\tilde{\text{H}}\text{P}^\circ\tilde{\text{P}}\text{iC}-\text{C}\tilde{\text{H}}\text{ P}^\circ\text{P}\pm\text{Ps Cr}$
 $\text{PePsPjP}\pm\text{C}-\text{PSP}^\circ\text{C}\ddagger\text{C}-\text{C}-\text{P}\cdot\text{P}\gg\text{C}-\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{C}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{PeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{ P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}^\circ\text{PjP}\ddot{\text{e}}\text{ C}-\text{PSC}\epsilon\text{P}\ddot{\text{e}}\text{C}...$
 $\text{PeP}\gg\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}-\text{PI P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{P}\text{iC}-\text{P}\text{iP}\mu\text{C}\tilde{\text{H}}\text{C},\text{P}\mu\text{PSP}\cdot\text{P}\ddot{\text{e}}\text{PIPSP}\ddot{\text{e}}\text{C}...\text{ P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{C}-\text{PI}.$

P P_uP_eP_sP_jP_uPSP_rP_sPIP°PSP° P_iP_sC†P°C,PeP_sPIP° PrP_sP·P° C†C,P°PSP_sPIPëC,CH 4 P_jP_i 1 C†P°P· PSP° PrP_sP±C† PIC†P°PSC†C-.

P_μP°C†C-C"PS_C,Pë P· PIPëC†PsPePsC_H P°PeC,PëPI_PSC-C†C,C_H P P_HP_HP_Y
 (PsC†PsP±P»PëPI_P P_iP°C†C-C"PS_C,Pë P· C_HP_μPSPsPIP°C†PeC†P»C_μC_HPSPsC_H
 PiC-PiP_μC_HC,P_μPSP·C-C"C_H, PiPsC_HC†C€P_μPSPSC_μPj PIPsPrPSPs-
 P_μP»P_μPeC,C_HPsP»C-C,PSPsPiPs P±P°P»P°PSC†C†, C†P_μC_HC†P_μPIPsC_H
 PrP_μPePsPjPiP_μPSC†P°C†C-C"C_H P°P±Ps C,C_μP¶PePsC_H PiC-PiP_μC_HC,P_μPSP·C-C"C_H)
 PjPsP¶C†C,C_H P·P°P·PSP°C,Pë PSP°PrPjC-C_HPSPsPiPs P·PSPëP¶P_μPSPSC_μ
 P°C_HC,P_μC_HC-P°P»C_HPSPsPiPs C,PëC†PeC† PiC-C†P»C_μ PiC_HPëP_NPsPjC† PiP_μC_HC€PsC—
 PrPsP·Pë. P_YP°PePëPj PiP°C†C-C"PS_C,P°Pj C_HP_μPePsPjP_μPSP†C†C"C,C_HC†C_μ
 C_HPsP·PiPsC†PëPSP°C,Pë P»C-PeC†PIP°PSPSC_μ P· PrPsP·Pë 2 PjPi (P·P°C†C,PsC†PsPIC†PIP°C,Pë
 C-PS€PëP_N P»C-PeP°C_HC†C_HPePëP_N P·P°C†C-P± C† PIC-PrPiPsPIC-PrPSPsPjC†
 PrPsP·C†PIP°PSPSC-) C,P° PiPsC†P°C,PsPe C,P_μC_HP°PiC-C— PiC_HPsPIPsPrPëC,Pë PiC-Pr
 PSP°PiP»C_μPrPsPj P»C-PeP°C_HC_μ.

$$P''PsP \cdot Cr PjPsP \parallel PSP^\circ PiC - PrPIP\ddot{e}C\%_o\ddot{e}C,P\ddot{e} PrPs 8 PjPi 1 C\tilde{T}_5P^\circ P \cdot PSP^\circ PrPsP \pm Cr C \mp PuC\tilde{T}_5PuP \cdot 1 PjC - Cl\dot{C}\dot{U}C\dot{\dagger}CH\grave{B} P \gg C - PeCrPIP^\circ PSPSC\dot{U}.$$

$\text{P}\ddot{\text{K}}\text{P}^\circ \text{P}\ddot{\text{i}}\text{P}\text{sC}\ddot{\text{P}}^\circ\text{C}, \text{P}\ddot{\text{e}}\text{C}\ddot{\text{r}} \text{P}^\circ\text{P}^\circ\text{C}\ddot{\text{I}}\text{C}, \text{P}\text{sC}\ddot{\text{I}}\text{C}\ddot{\text{r}}\text{P}\text{I}\text{P}^\circ\text{P}\text{S}\text{P}\text{S}\text{C}\ddot{\text{I}} \text{P}\ddot{\text{i}}\text{P}_\mu\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}}\text{P}\text{S}\text{P}\text{r}\text{P}\text{sP}\ddot{\text{i}}\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}}\text{P}\rangle\text{C}\ddot{\text{r}}$
 $\text{C}, \text{P}_\mu\text{C}\ddot{\text{T}}\text{C}, -\text{P}\pm\text{C}\ddot{\text{r}}\text{C}, \text{P}\ddot{\text{e}}\text{P}\rangle\text{P}^\circ\text{P}\text{jC}-\text{P}\text{S}\text{C}\ddot{\text{r}} \text{P}\text{jP}\text{sP}\text{P}\rangle\text{P}\ddot{\text{e}}\text{P}\text{I}\text{P}_\mu \text{P}\text{I}\ddot{\text{P}}\text{e}\text{P}\text{S}\ddot{\text{P}}\ddot{\text{e}}\text{P}\text{e}\text{P}\text{S}\text{P}_\mu\text{P}\text{S}\text{P}\text{S}\text{C}\ddot{\text{I}}$
 $\text{C}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{P}\text{jP}\ddot{\text{i}}\text{C}, \text{P}\text{sP}\text{jP}^\circ\text{C}, \text{P}\ddot{\text{e}}\text{C}\ddot{\text{P}}\text{S}\text{P}\text{sC}- \text{P}^\circ\text{C}\ddot{\text{T}}\text{C}, \text{P}_\mu\text{C}\ddot{\text{T}}\text{C}-\text{P}^\circ\text{P}\rangle\text{C}\text{H}\text{P}\text{S}\text{P}\text{sC}- \text{P}\ddot{\text{i}}\text{C}-\text{P}\ddot{\text{i}}\text{P}\text{sC}, \text{P}_\mu\text{P}\text{S}\text{P}\cdot\text{C}-\text{C}-;$
 $\text{C}\ddot{\text{I}}\text{P}_\mu \text{C}-\text{P}\text{jP}\text{sP}\text{I}\text{C}-\text{C}\ddot{\text{T}}\text{P}\text{S}\text{C}-\text{C}\ddot{\text{e}}\text{P}_\mu \text{P}\text{rP}\rangle\text{C}\ddot{\text{I}} \text{P}\ddot{\text{i}}\text{P}^\circ\text{C}\ddot{\text{I}}\text{C}-\text{C}''\text{P}\text{S}\text{C}, \text{C}-\text{P}\text{I}, \text{C}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C}-$
 $\text{P}\text{sP}\text{rP}\text{S}\text{P}\text{sC}\ddot{\text{P}}^\circ\text{C}\ddot{\text{I}}\text{P}\text{S}\text{P}\text{s} \text{P}\ddot{\text{i}}\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}}\text{P}\text{N}_2\text{P}\text{jP}^\circ\text{C}\text{H}\text{C}, \text{C}\text{H} \text{P}\text{rC}-\text{C}\ddot{\text{r}}\text{C}\ddot{\text{T}}\text{P}_\mu\text{C}, \text{P}\ddot{\text{e}}\text{P}\text{e}\text{P}\ddot{\text{e}}. \text{P}\ddot{\text{y}}\text{P}^\circ\text{P}\text{e}\text{P}\ddot{\text{e}}\text{P}\text{j}$
 $\text{P}\ddot{\text{i}}\text{P}^\circ\text{C}\ddot{\text{I}}\text{C}-\text{C}''\text{P}\text{S}\text{C}, \text{P}^\circ\text{P}\text{j} \text{C}\ddot{\text{T}}\text{P}\text{sP}\cdot\text{P}\ddot{\text{i}}\text{P}\text{sC}\ddot{\text{P}}\ddot{\text{e}}\text{P}\text{S}\text{P}^\circ\text{C}, \text{P}\ddot{\text{e}} \text{P}\rangle\text{C}-\text{P}\ddot{\text{e}}\text{C}\ddot{\text{r}}\text{P}\text{I}\text{P}^\circ\text{P}\text{S}\text{P}\text{S}\text{C}\ddot{\text{I}}$
 $\text{P}\ddot{\text{i}}\text{P}_\mu\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}}\text{P}\text{S}\text{P}\text{r}\text{P}\text{sP}\ddot{\text{i}}\text{C}\ddot{\text{T}}\text{P}\ddot{\text{e}}\text{P}\rangle\text{P}\text{sP}\text{j} \text{C}\ddot{\text{I}}\text{P}\rangle\text{C}-\text{P}\text{r} \text{P}^\circ \text{P}\text{sP}\pm\text{P}_\mu\text{C}\ddot{\text{T}}\text{P}_\mu\text{P}\text{P}\rangle\text{P}\text{S}\text{C}-\text{C}\ddot{\text{I}}\text{C}, \text{C}\ddot{\text{T}},$

PsCfPeC-P»CHbPePë Cr PSPëC... PjPsP¶Pµ P±CfC,Pë PrPµC,,C-C†PëC, PIPsPrPë
C,P°/P°P±Ps CfPsP»C-.

PfPeC%Ps C†Pµ PjPsP¶P»PëPIPs, CfP»C-Pr PïChPëPïPëPSPëC,Pë PïChPëPNëPsPj
PrC-CfC¶PµC,PëPeP° P·P° 2B¶“3 PrPSC- PrPs PïPsC†P°C,PeCf C,PµChP°PïC-C—
PïPµChPëPSPPrPsPïChPëP»Cf C,PµChC,-P±CfC,PëP»P°PjC-PSPsPj (PrPëPI. ChPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B»).

PµP°C†C-C”PSC,P°Pj P· P°ChC,PµChC-P°P»CHbPSPsCh PiC-PïPµChC,PµPSP·C-C”Ch,
C¶PePëPj PSPµ PjPsP¶PSP° PïChPëPïPëPSPëC,Pë P·P°CfC,PsCfCfPIP°PSPSC¶
PrC-CfC¶PµC,PëPeC-PI, P»C-PeCfPIP°PSPSC¶ CfP»C-Pr ChPsP·PïPsC†PëPSP°C,Pë P·
PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë P»C-PeP°ChCfCHbPePëPNë
P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-). Pj C,P°PePëC...
PïP°C†C-C”PSC,C-PI CfP»C-Pr PePsPSC,ChPsP»ChPIP°C,Pë C,,CfPSPeC†C-Ch
PSPëChPsPe C,P° ChC-PIPµPSCb PeP°P»C-Ch Cf CfPëChPsPIP°C,C†C- PeChPsPIC-.
PµPsPrP°P»CHbCëPµ PiC-PrPIPëC%PµPSPSC¶ PrPsP·Pë PïPµChPëPSPPrPsPïChPëP»Cf
C,PµChC,-P±CfC,PëP»P°PjC-PSCf CfP»C-Pr P·PrC-PNëCfPSCbPIP°C,Pë P·P°P»PµP¶PSPs
PIC-Pr PïPsPeP°P·PSPëPeC-PI P°ChC,PµChC-P°P»CHbPSPsPiPs C,PëCfPeCf. Pj ChP°P·C-
PSPµPsP±C...C-PrPSPsCfC,C- C,PµChP°PïC-Ch PrC-CfC¶PµC,PëPePsPj PjPsP¶PSP°
PIC-PrPSPsPIPëC,Pë.

PµP°C†C-C”PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeCf P»C-PeCfPIP°PSPSC¶ CfP»C-Pr
ChPsP·PïPsC†PëPSP°C,Pë P· PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë
P»C-PeP°ChCfCHbPePëPNë P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-),
C¶PeCf PjPsP¶PSP° PïC-PrPIPëC%PëC,Pë PrPs 4 PjPi C†PµChPµP· 1 PjC-CfC¶C†Ch
P»C-PeCfPIP°PSPSC¶, P° PïPsC,C-Pj, Cf ChP°P·C- PSPµPsP±C...C-PrPSPsCfC,C-, PrPs 8 PjPi P·
CfChP°C...CfPIP°PSPSC¶Pj C,,CfPSPeC†C-C— PSPëChPsPe (PrPëPI. C,P°P±P»PëC†Ch, C%Ps
PSP°PrP°C”C,CHCfC¶ PSPëP¶C†Pµ).

PŸPëPjPiC,PsPjP°C,PëC†PSP° CfPµChC†PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,Ch.

PµP°C†C-C”PSC,P°Pj C-P· CfPµChC†PµPIPsCh PSPµPrPsCfC,P°C,PSC-CfC,Ch, C¶PePëPj
PïPµChPëPSPPrPsPïChPëP»Cf C,PµChC,-P±CfC,PëP»P°PjC-PS P·P°P·PIPëC†P°PNë
CfP»C-Pr PïChPëP·PSP°C†P°ChC,Ch PsPrPSPsC†P°CfPSPs P· PrC-CfC¶PµC,PëPePsPj,
C%Ps PIPëPIPsPrPëC,Ch PeP°P»C-PNë, C,P°/P°P±Ps P· PrPëPiPsPeCfPëPSPsPj,
C,P°/P°P±PsB B B B B B B B B B B B B B B B B B P· β-P±P»PsPeP°C,PsChPsPj,
P»C-PeCfPIP°PSPSC¶ ChPµPePsPjPµPSPPrPsPIP°PSPs ChPsP·PïPsC†PëPSP°C,Pë PiC-Pr
ChPµC,PµP»CHbPSPëPj PjPµPrPëC†PSPëPj PSP°PiP»C¶PrPsPj C,P° P·
PïPsC†P°C,PePsPIPsC— PrPsP·Pë 2 PjPi (P·P°CfC,PsCfPsPICfPIP°C,Pë C-PSCëPëPNë
P»C-PeP°ChCfCHbPePëPNë P·P°CfC-P± Cf PIC-PrPïPsPIC-PrPSPsPjCf
PrPsP·CfPIP°PSPSC-), C¶PeCf CfP»C-Pr PïChPëPNëPjP°C,Pë PICChP°PSC†C-. P§PµChPµP·
2 C,PëP¶PSC- P·P° CfPjPsPIPë PrPsP±ChPsC— PïPµChPµPSPsCfPëPjPsCfC,C- PrPsP·Cf
PiC-PrPIPëC%CfPIP°C,Pë PrPs 4 PjPi 1 ChP°P· PSP° PrPsP±Cf. PkP°PrP°P»C- PrPsP·Cf
CfP»C-Pr PiC-PrP±PëChP°C,Pë C-PSPPrPëPIC-PrCfP°P»CHbPSPs, P·P°P»PµP¶PSPs PIC-Pr
PeP»C-PSC-C†PSPsC— PIC-PrPïPsPIC-PrC- PïP°C†C-C”PSC,P° PSP°
P»C-PeCfPIP°PSPSC¶.

PµP°C†C-C”PSC,P°Pj C-P· C,C¶P¶PePsCh CfPµChC†PµPIPsCh
PSPµPrPsCfC,P°C,PSC-CfC,Ch C,P° C-PSCëPëPj PïP°C†C-C”PSC,P°Pj C-P· PïChCfPïPë

PIPëCÍPsPePsPiPs CĤPëP·PëPeCÍ (PİP°C†C-C"PSC,Pë P· PİPsCĤCÍC€PµPSPSCİPjPë C,,CÍPSPeC†C-C— PSPëCĤPsPe C,P° C,PµPSPrPµPSC†C-C"CĤ PrPs PİPsCĤCÍC€PµPSCĤ CĤC-PIPSCİ PµP»PµPeC,CĤPsP»C-C,C-PI, PİP°C†C-C"PSC,Pë, CİPeC- PsC,CĤPëPjCÍCĤC,CĤ PsPrPSPsC†P°CÍPSCÍ C,PµCĤP°PİC-CĤ PrC-CÍCĤPµC,PëPeP°PjPë C,P°/P°P±Ps PIP°P·PsPrPëP»P°C,P°C,PsCĤP°PjPë) P»C-PeCÍPIP°PSPSCİ CÍP»C-Pr CĤPsP·PİPsC†PëPSP°C,Pë PİC-Pr CĤPµC,PµP»CĤPSPëPj PjPµPrPëC†PSPëPj PSP°PİP»CİPrPsPj (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCİB»).

Pj PİP°C†C-C"PSC,C-PI P· PIPëCÍPsPePëPj CĤPëP·PëPePsPj PIPëPSPëPePSPµPSPSCİ CÍPëPjPİC,PsPjP°C,PëC†PSPsC— P°CĤC,PµCĤC-P°P»CĤPSPsC— PİC-PİPsC,PµPSP·C-C— (PİP°C†C-C"PSC,Pë P· PrPµC,,C-C†PëC,PsPj PµP»PµPeC,CĤPsP»C-C,C-PI P· PİC-PİPsPSP°C,CĤC-C"PjC-C"CĤ P°P±Ps P±PµP· PSPµC—, PİP°C†C-C"PSC,Pë P· PİC-PİPsPIPSP»PµPjC-C"CĤ P°P±Ps C,C-, C...C,Ps PsC,CĤPëPjCÍPIP°PI C-PSC,PµPSCİPëPIPSCÍ C,PµCĤP°PİC-CĤ PrC-CÍCĤPµC,PëPeP°PjPë) CÍP»C-Pr PİCĤPsPIPµCÍC,Pë PePsCĤPµPeC†C-CĤ PIPëC%PµP·P°P·PSP°C†PµPSPëC... CÍC,P°PSC-PI, CİPeC%Ps PjPsP¶P»PëIPs, PrPs PİCĤPëP·PSP°C†PµPSPSCİ P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±CÍ. PhCĤC,PµCĤC-P°P»CĤPSPëPN C,PëCÍPe, C,,CÍPSPeC†C-CĤ PSPëCĤPsPe C,P° CĤC-PIPµPSCĤ PeP°P»C-CĤ CÍ CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC- PİPsC,CĤC-P±PSPs CĤPµC,PµP»CĤPSPs PePsPSC,CĤPsP»CĤPIP°C,Pë CİPe PrPs, C,P°Pe C- PİC-Pr C†P°CÍ P»C-PeCÍPIP°PSPSCİ (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCİB»).

P—P°PİPsP±C-PİP°PSPSCİ PIPëPSPëPePSPµPSPSCĤ PİPsPIC,PsCĤPSPsPiPs C-PSCÍCÍP»CĤC,CÍ CÍ PİP°C†C-C"PSC,C-PI P· C†PµCĤPµP±CĤPsPIP°CÍPeCÍP»CİCĤPSPëPjPë P·P°C...PIPSCĤCĤPIP°PSPSCİPjPë.

P PµPePsPjPµPSPrPsPIP°PSP° PİPsC†P°C,PePsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CĤ 2 PjPi (P·P°CÍC,PsCÍPsPICÍPIP°C,Pë C-PSC€PëPN P»C-PeP°CĤCÍCĤPePëPN P·P°CÍC-P± CÍ PIC-PrPİPsPIC-PrPSPsPjCÍ PrPsP·CÍPIP°PSPSC-) 1 CĤP°P· PSP° PrPsP±CÍ PICĤP°PSC†C-. PµC-CÍP»Cİ 2 C,PëP¶PSC-PI P»C-PeCÍPIP°PSPSCİ PrPsP·CÍ P·P±C-P»CĤC€CÍPIP°C,Pë PrPs 4 PjPi 1 CĤP°P· PSP° PrPsP±CÍ PICĤP°PSC†C-.

PİPeC%Ps PİC-CÍP»Cİ 2 C,PëP¶PSC-PI P·P°CÍC,PsCÍCÍPIP°PSPSCİ P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±CÍ PhP>P†PÿP·P PİP°C†C-C"PSC, PİPsC,CĤPµP±CÍ" PrPsPrP°C,PePsPIPSPiPs PePsPSC,CĤPsP»CĤ P°CĤC,PµCĤC-P°P»CĤPSPsPiPs C,PëCÍPeCÍ, PjPsP¶PSP° PİCĤPëP·PSP°C†PëC,Pë C-PSPrP°PİP°PjC-Pr CÍ PrPsP·C- 1 C,P°P±P»PµC,PeP° PSP° PrPsP±CÍ. P>C-PeCÍPIP°PSPSCİ PjPsP¶PSP° CĤPsP·PİPsC†PëPSP°C,Pë P±CÍPrCĤ-PePsP»Pë CÍ C,PµCĤPjC-PS PIC-Pr 2 C,PëP¶PSC-PI PrPs PeC-P»CĤPePsC... CĤPsPeC-PI PİC-CÍP»Cİ PİPµCĤPIPëPSPSPsPiPs C-PSCÍCÍP»CĤC,CÍ.

P—P°PİPsP±C-PİP°PSPSCİ CÍPµCĤC†PµPIPSCÍCÍPrPëPSPSPëPj CÍCÍPeP»P°PrPSPµPSPSCİPj CÍ PİP°C†C-C"PSC,C-PI P· PrPsPeCÍPjPµPSC,P°P»CĤPSPsCĤ CÍC,P°P±C-P»CĤPSPsCĤ C-C€PµPjC-C†PSPsCĤ C...PIPSCĤPsP±PsCĤ CÍPµCĤC†Cİ.

P"PsPIPiPsC,CĤPëPIP°P»Pµ P»C-PeCÍPIP°PSPSCİ PİPµCĤPëPSPrPsPİCĤPëP»PsPj, C,P°P±P»PµC,PePë PİPs 8 PjPi (1 C,P°P±P»PµC,PeP° PSP° PrPsP±CÍ) P·PSPëP¶CÍ" CĤPëP·PëPe C-PSC,,P°CĤPeC,CÍ PjC-PsPeP°CĤPrP° C,P° CÍPµCĤC†PµPIPSC— PSPµPrPsCÍC,P°C,PSPsCÍC,C-

(P·P° CḡPμP·CfP»CHC,P°C,P°PjPë 4-CḡC-C†PSPsPiPs PrPsCfP»C-PrP¶PμPSPSCḡ EUROPA).

P»C-PeCfPIP°PSPSCḡ CḡP»C-Pr CḡPsP·PīPsC†PëPSP°C,Pë P· 4 PjPi (1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cf PICḡP°PSC†C-). P§PμCḡPμP· 2 C,PëP¶PSC-, P·P° CfPjPsPIPë PrPsP±CḡPsC— PīPμCḡPμPSPsCḡPëPjPsCḡC,C-, PrPsP·Cf PīC-PrPIPëC‰PëC,Pë PrPs 8 PjPi PrP»Cḡ PrPsPIPiPsC,CḡPëPIP°P»PsPiPs PīCḡPëPNḡPsPjCf P»C-PeP°CḡCḡCHPePsPiPs P·P°CḡPsP±Cf PḡP»P†PḡP·P , C,P°P±P»PμC,PePë PīPs 8 PjPi (1 C,P°P±P»PμC,PeP° PSP° PrPsP±Cf PICḡP°PSC†C-).

PμP°C†C-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCf, Cf CḡPePëC...
PrPsPeCfPjPμPSC,P°P»CHPSPs PīC-PrC,PIPμCḡPrP¶PμPSP° P†PḡPḡ,
P»C-PeCfPIP°PSPSCḡ CḡP»C-Pr CḡPsP·PīPsC†PëPSP°C,Pë P· PrPsP·Pë 2 PjPi
(P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf
PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) 1 CḡP°P· PSP° PrPsP±Cf
PICḡP°PSC†C-; C†PμCḡPμP· C,PëP¶PrPμPSCḡ PrPsP·Cf PīC-PrPIPëC‰CfPIP°C,Pë PrPs
4 PjPi; C†PμCḡPμP· 2 C,PëP¶PSC-, P·P° CfPjPsPIPë PrPsP±CḡPsC—
PīPμCḡPμPSPsCḡPëPjPsCḡC,C- C,P° P·P°P»PμP¶PSPs PIC-Pr C,,CfPSPeC†C-C—
PSPëCḡPsPe, PrPsP·Cf PīC-PrPIPëC‰CfPIP°C,Pë PrPs 8 PjPi (1 C,P°P±P»PμC,PeP° PSP°
PrPsP±Cf) C,P° CḡPsP·PīPsC†PëPSP°C,Pë PrPsPIPiPsC,CḡPëPIP°P»Pμ
P»C-PeCfPIP°PSPSCḡ.

PμC-PrP±C-Cḡ PrPsP· PīCḡPë PSPëCḡPePsPIC-PNḡ PSPμPrPsCḡC,P°C,PSPsCḡC,C-.

P”PsP·CfPIP°PSPSCḡ PrP»Cḡ PīP°C†C-C”PSC,C-PI P· PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ PjP°C” P±P°P·CfPIP°C,PëCḡCḡ PSP° PeP»C-CḡPμPSCḡC-
PeCḡPμP°C,PëPSC-PSCf, CḡPe P·P°P·PSP°C†PμPSPs Cf C,P°P±P»PëC†C- PSPëP¶C†Pμ:

PḡP°P±P»PëC†Cḡ Bḡ” PμC-PrP±C-Cḡ PrPsP· PīCḡPë PSPëCḡPePsPIC-PNḡ
PSPμPrPsCḡC,P°C,PSPsCḡC,C-

PḡP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCf (PjP»/C...PI)	P PμPePsPjPμPSPrPsPIP°PSPμ PrPsP·CfPIP°PSPSCḡ
Cl _{CR} ≥ 60	4 PjPi PSP° PrPsP±Cf
30 < Cl _{CR} < 60	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) PSP° PrPsP±Cf
15 < Cl _{CR} < 30	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) C†PμCḡPμP· PrPsP±Cf
PμP°C†C-C”PSC,Pë, CḡPeC- PīPμCḡPμP±CfPIP°CḡC,CH PSP° PīPμPjPsPrC-P°P»C-P·C-	
Cl _{CR} < 15	2 PjPi (P·P°CḡC,PsCḡPsPICfPIP°C,Pë C-PSC€PëPNḡ P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± Cf PIC-PrPīPsPIC-PrPSPsPjCf PrPsP·CfPIP°PSPSC-) PSP° PrPsP±Cf PīCḡPsPIPμPrPμPSPSCḡ PrC-P°P»C-P·Cf

□P”C-P°P»C-P·PSPëPNḡ PeP»C-CḡPμPSCḡ PīPμCḡPëPSPrPsPīCḡPëP»P°C,Cf 70 PjP»/C...PI.

PμP°C†C-C”PSC,P°Pj, CḡPeC- PīPμCḡPμP±CfPIP°CḡC,CH PSP° PīPμPjPsPrC-P°P»C-P·C-,

PrPsP·Cf CÍP»C-Pr PiCĤPëPNëPjP°C,Pë PiC-CÍP»CĬ PiCĤPsPIPµPrPµPSPSCĬ
PiPµPjPsPrC-P°P»C-P·Cf.

PµC-PrP±C-CĤ PrPsP· PiCĤPë PiPµC±C-PSPePsPIC-PNë PSPµPrPsCÍC,P°C,PSPsCÍC,C-.

PµP°C†C-C"PSC,Pë P· PiPµC±C-PSPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ PSPµ
PiPsC,CĤPµP±CfCĤC,CĤ PiC-PrP±PsCĤCf PrPsP·Pë P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±Cf
(PrPëPI. CĤPsP·PrC-P»Pë B«PαP°CĤPjP°PePsPeC-PSPµC,PëPeP°B» C,P°
B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCfPIP°PSPSCĬB»).

P"C-C,Pë.

P·C,,PµPeC,PëPIPSC-CÍC,CĤ C,P° P±PµP·PiPµPeP° P·P°CÍC,PsCÍCfPIP°PSPSCĬ
P»C-PeP°CĤCÍCĤPePsPiPs P·P°CÍPsP±Cf PrC-C,CĬPj PIC-PePsPj PrPs 18 CĤPsPeC-PI
PSPµ PICÍC,P°PSPsPIP»PµPSP°. PkP°CĬPIPSP° C-PSC,,PsCĤPjP°C†C-CĬ
P·P°P·PSP°C±PµPSP° Cf CĤPsP·PrC-P»C- B«PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°B», P°P»Pµ
PSP°PrP°C,Pë CĤPµPePsPjPµPSPPrP°C†C-C— C°PsPrPs PrPsP·CfPIP°PSPSCĬ
PSPµPjPsP¶P»PëPIPs. PŷPsPjCf PiPµCĤPëPSPPrPsPiCĤPëP»Cf C,PµCĤC,-
P±CfC,PëP»P°PjC-PS PSPµ CĤPµPePsPjPµPSPPrCfC"C,CĤCÍCĬ PiCĤPëP·PSP°C±P°C,Pë
PrC-C,CĬPj.

PµPµCĤPµPrPsP·CzPIP°PSPSCĬ.

P†PSC,,PsCĤPjP°C†C-C— PiCĤPs PiPµCĤPµPrPsP·CfPIP°PSPSCĬ PiPµCĤPëPSPPrPsPiCĤPëP»PsPj
PSPµPrPsCÍC,P°C,PSCĤPs. PŷPëPjPiC,PsPjPë, PiPsPiBĤ™ CĬP·P°PSC- P·
PiPµCĤPµPrPsP·CfPIP°PSPSCĬPj C-PSPiC-P±C-C,PsCĤP°PjPë PhPµPα, PjPsP¶CfC,CĤ P±CfC,Pë
C,P°PePëPjPë: P°CĤC,PµCĤC-P°P»CĤPSP° PiC-PiPsC,PµPSP·C-CĬ,
C†PëCĤPeCfP»CĬC,PsCĤPSPëPNë CëPsPe, PiPsCĤCfCëPµPSPSCĬ
PµP»PµPeC,CĤPsP»C-C,PSPsPiPs P±P°P»P°PSCÍCf, PSPëCĤPePsPIP°
PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ, PiC-PiPµCĤPIPµPSC,PëP»CĬC†C-CĬ, C,P°C...C-PeP°CĤPrC-CĬ,
PiCĤPëCÍPePsCĤPµPSPµ CÍPµCĤC†PµP±PëC,C,CĬ, P±CĤP°PrPëPeP°CĤPrC-CĬ,
P·P°PiP°PjPsCĤPsC±PµPSPSCĬ, C,CĤPëPIPsPiP°, PeP°CëPµP»CĤ C,PsC°Ps.

PµCĤPë PiPµCĤPµPrPsP·CfPIP°PSPSC- CĤPµPePsPjPµPSPPrCfC"C,CĤCÍCĬ
PIPSCfC,CĤC-CëPSCĤPsPIPµPSPSPµ PIPIPµPrPµPSPSCĬ CĤPsP·C±PëPSCf PSP°C,CĤC-CĤ
C...P»PsCĤPëPrCf 0,9 % (9 PjPi/PjP»). PJ PIPëPiP°PrPeCf PIPëPSPëPePSPµPSPSCĬ
P°CĤC,PµCĤC-P°P»CĤPSPsC— PiC-PiPsC,PµPSP·C-C— PiP°C†C-C"PSC,Cf
PSPµPsP±C...C-PrPSPs PSP°PrP°C,Pë PiPsCĤPëP·PsPSC,P°P»CĤPSPµ PiPsP»PsP¶PµPSPSCĬ P·
PSPëP·CĤPePëPj CfP·PiPsP»C-PiBĤ™ CĬPj. PJ CĤP°P·C- PjPsP¶P»PëPIPsCÍC,C- CÍP»C-Pr
P·P°P±PµP·PiPµC±PëC,Pë PiP°C†C-C"PSC,Cf C-PSC,,CfP·C-C— P°PSPiC-PsC,PµPSP·PëPSCf P†P†
C,P°/P°P±Ps PIPSCfC,CĤC-CëPSCĤPsPIPµPSPSPµ PIPIPµPrPµPSPSCĬ
PeP°C,PµC...PsP»P°PjC-PSC-PI. PµPµCĤPëPSPPrPsPiCĤPëP» PjPsP¶PSP° PIPëPrP°P»PëC,Pë C-P·
CÍPëCÍC,PµPjPSPsPiPs PeCĤPsPIPsPsP±C-PiCf P·P° PrPsPiPsPjPsPiPsCĤ
PiPµPjPsPrC-P°P»C-P·Cf (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCfPIP°PSPSCĬB»). PJ CĤP°P·C- PIPëPSPëPePSPµPSPSCĬ
CĤPµP·PëCÍC,PµPSC,PSPsC— PrPs P»C-PeCfPIP°PSPSCĬ P±CĤP°PrPëPeP°CĤPrC-C—
PiPsPeP°P·P°PSPµ P·P°CÍC,PsCÍCfPIP°PSPSCĬ CëC,CfC±PSPsPiPs PIPsPrC-CĬ CĤPëC,PjCf.
PkPµPsP±C...C-PrPSPs PICÍC,P°PSPsPIPëC,Pë PiPsCÍC,C-PNëPSPëPNë PjPsPSC-C,PsCĤPëPSPi P·P°
PsCÍPSPsPIPSPëPjPë PiPsPeP°P·PSPëPeP°PjPë P¶PëC,C,C"PrC-CĬP»CĤPSPsCÍC,C-,

PePsPSC†PμPSC, C₇H^oC†C-C" C₇H PμP»PμPeC, C₇H₂PsP»C-C, C-PI C, P° PeC₇H₂PμP° C, PēPSC-PSC† C† C†PēC₇H₂PsPIP° C, C†C-B PeC₇H₂PsPIC-.

PμPsP±C-C#PSC- C₇H₂PμP°PeC†C-C—.

PμC₇H₂PsC,, C-P»CH P±PμP·PīPμPePē PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C† PIC-PrPīPsPIC-PrP° C" PīC₇H₂PsC,, C-P»C₇H P±PμP·PīPμPePē C-PSPiC-P±C-C, PsC₇H₂C-PI P₇H₂PμPα.
P₇KP°PN₆C†P°C†C, C-CēPēPjPē PīPsP±C-C†PSPēPjPē C₇H₂PμP°PeC†C-C†PjPē, PīC₇H₂Ps C†PēC-PīPsPIC-PrPsPjP»C†P»PsC†C† PīC-Pr C†P°C† PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSC₇H PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C†, C": P·P°PīP°PjPsC₇H₂PsC†PμPSPSC†, PīPsP»PsPIPSPēPN₆ P±C-P»CH, PīP°C₇H₂PμC†C, PμP·C-C—, PIPμC₇H₂C, PēPīPs, PīPsC₇H₂C†CēPμPSPSC† P·PsC₇H₂C†, PrP·PIC-PS C† PIC†C...P° C..., P°C₇H₂C, PμC₇H₂C-P°P»CH₂PSP° PīC-PīPsC, PμPSP·C-C†, PeP°CēPμP»CH, P·P°PrPēCēPeP°, P±C-P»CH C† P¶PēPIPSC, C-, P·P°PīPsC₇, PrC-P°C₇H₂PμC†, C†PīPsC, PIPSC₇H₂PμPSPSC† PIC-PrC†C†C, C, C† C†PjP°PeC† (PrPēC†PīPμPIP·C-C†), PrPēC†PīPμPīC†C-C†, PSC†PrPsC, P°, P±P»C₇HPIP°PSPSC†, C†PIPμC₇H₂P±C-P¶, PIPēC†PēPīP°PSPSC†, PjP°PeC†P»PsPīP°PīC†P»CH₂PsP·PSC- PIPēC†PēPīP°PSPSC†, C†C†PrPsPjPē Pj₇H₂™ C†P·C-PI C, P° P°C†C, PμPSC-C†.

PμC-Pr C†P°C† PeP»C-PSC-C†PSPēC... PrPsC†P»C-PrP¶PμPSC₇H C, P° PīC-C†P»C†C₇H₂PμC" C†C, C₇H^oC†C-PN₆PSPSPiPs P·P°C†C, PsC†C†PIP°PSPSC† PīPμC₇H₂PēPSP†PsPīC₇H₂PēP»C† C†PīPsC†C, PμC₇H₂C-PiP°P»PēC†C† PSPēP¶C†PμP·P°P·PSP°C†PμPSC-PīPsP±C-C†PSC- C₇H₂PμP°PeC†C-C— P· C, P°PePsC₇ C†P°C†C, PsC, PsC₇ PIPēPSPēPePSPμPSPSC†: PrC†P¶Pμ C†P°C†C, Ps (≥ 1/10); C†P°C†C, Ps (≥ 1/100, < 1/10); PSPμC†P°C†C, Ps (≥ 1/1000, < 1/100); C₇H₂C-PrPePs (≥ 1/10000, < 1/1000); PrC†P¶Pμ C₇H₂C-PrPePs (< 1/10000); C†P°C†C, PsC, P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶Pμ P±C†C, Pē PIPēP·PSP°C†PμPSP° P·PīC-PrPSPs P·PSP°C†PIPSPsC₇ C-PSC,, PsC₇H₂PjP°C†C-C" C₇H).

P— P±PsPeC† C†PēC†C, PμPjPē PeC₇H₂PsPIC- C, P° P»C-PjC,, P° C, PēC†PSPsC— C†PēC†C, PμPjPē:
PμPsP·PēPSPsC,, C-P»C-C† B₇" PSPμC†P°C†C, Ps*; P°PīC₇H₂P°PSC†P»PsC†PēC, PsP· P°P±Ps PīP°PSC†PēC, PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; P·PSPēP¶PμPSPSC† C₇H₂C-PIPSC† PīPμPjPsPīP»PsP±C-PSC† C, P° PīPμPjP° C, PsPeC₇H₂PēC, C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; P»PμPN₆PePsPīPμPSC-C†/PSPμPN₆C, C₇H₂PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs; PīPμPjPsP»C-C, PēC†PSP° P°PSPμPjC-C† C† PīP°C†C-C" PSC, C-PI P· C†C₇H₂PsPrP¶PμPSPsC₇H PSPμPrPsC†C, P° C, PSC-C†C, C₇ PīP»C₇H₂PePsP·Ps-6-C,, PsC†C,, P° C, PrPμPīC-PrC₇H₂PsPīPμPSP°P·Pē B₇" PrC†P¶Pμ C₇H₂C-PrPePs; C, C₇H₂PsPjP±PsC†PēC, PsPīPμPSC-C† B₇" PrC†P¶Pμ C₇H₂C-PrPePs.

P— P±PsPeC† PμPSP†PsPeC₇H₂PēPSPSPsC— C†PēC†C, PμPjPē: C†PēPSP†C₇H₂PsPj PSPμP°PrPμPePIP° C, PSPsC— C†PμPeC₇H₂PμC†C-C— P°PSC, PēPrC-C†C₇H₂PμC, PēC†PSPsPiPs PīPsC₇H₂PjPsPSC† (PŸP₇KPŸP₇H" P") B₇" C₇H₂C-PrPePs.

P— P±PsPeC† PjPμC, P°P±PsP»C-P·PjC† C, P° PsP±PjC-PSC† C₇H₂PμC†PsPIPēPS:
PīC-PīPsPīP»C-PePμPjC-C† B₇" PSPμC†P°C†C, Ps*; PīC-PīPμC₇H₂PeP°P»C-C" PjC-C†, C†PeP° C" PsP±PsC₇H₂PsC, PSPsC₇ PīC-C†P»C† PIC-PrPjC-PSPē P»C-PeP°C₇H₂C†CH₂PePsPiPs P·P°C†PsP±C† B₇" PSPμC†P°C†C, Ps*; PīC-PīPsPSP° C, C₇H₂C-C" PjC-C† B B B B B₇" PSPμC†P°C†C, Ps*.

P— P±PsPeC† PīC†PēC...C-PePē: PrPμPīC₇H₂PμC†C-C† B₇" PSPμC†P°C†C, Ps*; PīPsC₇H₂C†CēPμPSPSC† PSP°C†C, C₇H₂PsC₇ B₇" PSPμC†P°C†C, Ps; PīPsC₇H₂C†CēPμPSPSC† C†PSC† B₇" PSPμC†P°C†C, Ps.

P— P±PsPeC† PSPμC₇H₂PIPSPiPsC— C†PēC†C, PμPjPē: P·P°PīP°PjPsC₇H₂PsC†PμPSPSC† B₇"

C†P°C†C,Ps; PiPsP»PsPIPSpëPNë P±C-P»CH бґ“ C†P°C†C,Ps; PiP°CґPµC†C,PµP·C-C† бґ“
C†P°C†C,Ps; PIPµCґC,PePiPs бґ“ C†P°C†C,Ps; C†PsPSP»PePIC-C†C,CH бґ“ PSPµC†P°C†C,Ps*;
PSPµPiCґPëC,PsPjPSC-C†C,CH бґ“ PSPµC†P°C†C,Ps*; C†PiP»C†C,P°PSC-C†C,CH
C†PIC-PrPsPjPsC†C,C- бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† PsCґPiP°PSC-PI P·PsCґC†: PiPsCґC†C€PµPSPSC† P·PsCґC† бґ“ C†P°C†C,Ps.

P— P±PsPeC† PsCґPiP°PSC-PI C†P»C†C...C† C,P° P»P°P±C-CґPëPSC,C†: PrP·PIC-PS C†
PIC†C...P°C... бґ“ C†P°C†C,Ps.

P— P±PsPeC† C†PµCґC†C†: PiP°P»CHPiC-C,P°C†C-C† - PSPµC†P°C†C,Ps*;
C,P°C...C-PeP°CґPrC-C† - PSPµC†P°C†C,Ps*; C†C,PµPSPsPeP°CґPrC-C† бґ“ PrC†P¶Pµ
CґC-PrPePs; P°CґPëC,PjC-C† бґ“ PrC†P¶Pµ CґC-PrPePs; C-PSC„P°CґPeC, PjC-PsPeP°CґPrP°
PjPsP¶Pµ PIPëPSPëPeP°C,Pe PIPSP°C†P»C-PrPsPe PSP°PrPjC-CґPSPsPiPs P·PSPëP¶PµPSPSC†
P°CґC,PµCґC-P°P»CHPSPsPiPs C,PeC†PeC† C† PiP°C†C-C”PSC,C-PI PiCґC†PiPë
PIPëC†PsPePsPiPs CґPëP·PëPeC† бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C†C†PrPëPSPSPSC— C†PëC†C,PµPjPë: P°CґC,PµCґC-P°P»CHPSP°
PiC-PiPsC,PµPSP·C-C† (C,P° PiPsPiбґ™ C†P·P°PSC- P· PSPµCґ C†PëPjPiC,PsPjPë) бґ“
C†P°C†C,Ps; PIP°C†PeC†P»C-C, бґ“ PSPµC†P°C†C,Ps*; PiCґPëPiP»PePIPë P¶P°CґC† бґ“
CґC-PrPePs*; C-PSC†C†P»CHC, PjPsP¶Pµ PIPëPSPëPeP°C,Pe PIPSP°C†P»C-PrPsPe
PSP°PrPjC-CґPSPsPiPs P·PSPëP¶PµPSPSC† P°CґC,PµCґC-P°P»CHPSPsPiPs C,PeC†PeC† C†
PiP°C†C-C”PSC,C-PI PiCґC†PiPë PIPëC†PsPePsPiPs CґPëP·PëPeC† бґ“ PrC†P¶Pµ CґC-PrPePs;
C„PµPSPsPjPµPS P PµPNëPSPs бґ“ C†P°C†C,PsC,P° PSPµPIC-PrPsPjP°.

P— P±PsPeC† PrPëC...P°P»CHPSPSC— C†PëC†C,PµPjPë, PsCґPiP°PSC-PI PiCґC†PrPSPSC—
PeP»C-C,PePë C,P° C†PµCґPµPrPsC†C,C-PSPSC†: PeP°C€PµP»CH бґ“ C†P°C†C,Ps;
P·P°PrPëC€PeP° бґ“ C†P°C†C,Ps; P±CґPsPSC...PsC†PiP°P·Pj бґ“ PSPµC†P°C†C,Ps;
PµPsP·PëPSPSC„C-P»CHPSP° PiPSPµPIPjPsPSC-C† бґ“ PrC†P¶Pµ CґC-PrPePs; CґPëPSC-C, бґ“
PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C,CґP°PIPSpSC— C†PëC†C,PµPjPë: P±C-P»CH C† P¶PëPiPsC,C- бґ“ C†P°C†C,Ps;
P·P°PiPsCґ бґ“ C†P°C†C,Ps; PrC-P°CґPµC† бґ“ C†P°C†C,Ps; C†PiPsC,PIPsCґPµPSPSC†
PIC-PrC†C†C,C,C† C†PjP°PeC† (PrPëC†PiPµPIP·C-C†) бґ“ C†P°C†C,Ps; PrPëC†PiPµPiC†C-C†
бґ“ C†P°C†C,Ps; PSC†PrPsC,P° бґ“ C†P°C†C,Ps; P±P»CґPiP°PSPSC† бґ“ C†P°C†C,Ps;
C†C†C...C-C†C,CH C† CґPsC,C- бґ“ PSPµC†P°C†C,Ps; PiP°PSPeCґPµP°C,PeC, бґ“ PrC†P¶Pµ
CґC-PrPePs.

P— P±PsPeC† PiPµPiP°C,PsP±C-P»C-P°CґPSPSC— C†PëC†C,PµPjPë:
C†PëC,PsP»C-C,PeC†PSPëPNë P°P±Ps C...PsP»PµC†C,P°C,PeC†PSPëPNë PiPµPiP°C,PeC, бґ“
PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeC† C€PeC-CґPë C,P° C—C— PiPsC...C-PrPSPëC...: C†PIPµCґP±C-P¶ бґ“ C†P°C†C,Ps;
PIPëC†PëPiP°PSPSC† бґ“ C†P°C†C,Ps; PeCґPsPiPëPiбґ™ C†PSPeP° бґ“ PSPµC†P°C†C,Ps;
P°PSPiC-PsPSPµPICґPsC,PeC†PSPëPNë PSP°P±CґC†Pe PsP±P»PeC†C†C†, PeC-PSC†C-PIPsPe,
PiC†P±, C†P»PëP·PsPIPëC... PsP±PsP»PsPSPsPe, C†P·PëPeP°, PiPsP»PsC†PsPIPsC—
C%oC-P»PëPSPë C,P°/P°P±Ps PiPsCґC,P°PSC- бґ“ PSPµC†P°C†C,Ps; CґPµP°PeC†C-C—
C„PsC,PsC†C†C,P»PëPiPsC†C,C- бґ“ PSPµC†P°C†C,Ps*; PiPµPjC„C-PiPsC—Pr бґ“
PSPµC†P°C†C,Ps*; PiC-PiPµCґPiC-PrCґPsP· бґ“ PSPµC†P°C†C,Ps; PiPsC†PëP»PµPSPSC†
C†PëPjPiC,PsPjC-PI PiC†PsCґC-P°P·C† бґ“ CґC-PrPePs; PjC†P»CHC,PeC„PsCґPjPSP°
PµCґPëC,PµPjP° бґ“ PrC†P¶Pµ CґC-PrPePs.

P— P±PsPeCf CÍPePμP»PμC,PSPs-PjB™ CÍP·PsPIPsC— CÍPëCÍC,PμPjPë C,P°
CÍPiPsP»CrC±PSPsC— C,PëP°PSPëPSPë: CÍCrPrPsPjPë PjB™ CÍP·C-PI B™“ C±P°CÍC,Ps;
P°C™C,C™P°P»PiC-CÍ B™“ PSPμC±P°CÍC,Ps*; PjC-P°P»PiC-CÍ B™“ PSPμC±P°CÍC,Ps*.

P— P±PsPeCf PSPëC™PsPe C,P° CÍPμC±PsPIPëPrC-P»CHPSPsC— CÍPëCÍC,PμPjPë:
PSPëC™PePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH B™“ PSPμC±P°CÍC,Ps; PiPsCÍC,C™P°
PSPëC™PePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH B™“ C™C-PrPePs;
P°PSCfC™C-CÍ/PsP»C-PiCfC™C-CÍ B™“ C™C-PrPePs*.

P— P±PsPeCf C™PμPiC™PsPrCfPeC,PëPIPsPSC— CÍPëCÍC,PμPjPë C,P° PjPsP»PsC±PSPëC...
P·P°P»PsP: C™PμPeC,PëP»CHPSP° PrPëCÍC,,CrPSPeC†C-CÍ B™“ PSPμC±P°CÍC,Ps.

P—P°PiP°P»CHPSC- C™PsP·P»P°PrPë: P°CÍC,PμPSC-CÍ B™“ C±P°CÍC,Ps; P±C-P»CH Cr
PiC™CrPrPSC-PNë PeP»C-C,C†C- B™“ PSPμC±P°CÍC,Ps*; PSPμP·PrCrP¶P°PSPSCÍ B™“
PSPμC±P°CÍC,Ps*; PiPμC™PëC,,PμC™PëC±PSC- PSP°P±C™CÍPePë B™“ PSPμC±P°CÍC,Ps*;
PiC-PiPμC™C,PμC™PjC-CÍ B™“ PSPμC±P°CÍC,Ps*.

P°PsCÍP»C-PrP¶PμPSPSCÍ: PiC-PrPIPëC%PμPSPSCÍ C™C-PIPsCÍ CÍPμC±PsPIPëPSPë PI
PeC™PsPIC- B™“ PSPμC±P°CÍC,Ps*; PiC-PrPIPëC%PμPSPSCÍ C™C-PIPsCÍ
PeC™PμP°C,PëPSC-PSCf PI PeC™PsPIC- B™“ PSPμC±P°CÍC,Ps*; PiC-PrPIPëC%PμPSPSCÍ
C™C-PIPsCÍ P±C-P»C-C™CrP±C-PSCf PI PeC™PsPIC- B™“ C™C-PrPePs;
PiC-PrPIPëC%PμPSPSCÍ C™C-PIPsCÍ PiPμC±C-PSPePsPIPëC... C,,PμC™PjPμPSC,C-PI B™“
C™C-PrPePs.

PjC€PePsPrP¶PμPSPSCÍ, PsC,C™CrC”PSPSCÍ C,P° CrCÍPeP»P°PrPSPμPSPSCÍ PiC™PëPNëPsPjCr:
PiP°PrC-PSPSCÍ B™“ PSPμC±P°CÍC,Ps*.

*P§P°CÍC,PsC,P° PiPsP±C-C±PSPëC... C™PμP°PeC†C-PNë, PIPëCÍPIP»PμPSPëC... P·P°
PrPsPiPsPjPsPiPsC™ CÍPiPsPSC,P°PSPSPëC... PiPsPIC-PrPsPjP»PμPSC™,
C™PsP·C™P°C...PsPIP°PSP° P·P° PrP°PSPëPjPë PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSC™.

PμP»C-PSC-C±PSC- PrPsCÍP»C-PrP¶PμPSPSCÍ

PμC-Pr C±P°CÍ PiPμC™C-PsPrCf C™P°PSPrPsPjC-P·P°C†C-C— Cr PrPsCÍP»C-PrP¶PμPSPSC-
EUROPA P±CrP»Ps P·C-P±C™P°PSPs C-PSC,,PsC™PjP°C†C-C™ C,C-P»CHPePë PiC™Ps
CÍPμC™PNëPsP·PSC- PIPëPiP°PrPePë PiPsP±C-C±PSPëC... C™PμP°PeC†C-PNë. Pj
PSPμPIPμP»PëPePsC— PeC-P»CHPePsCÍC,C- PiP°C†C-C”PSC,C-PI P±CrP»Ps PIPëCÍPIP»PμPSPs
CÍPμC™PNëPsP·PSC- PiPsP±C-C±PSC- C™PμP°PeC†C-C—: 16 (0,3 %) C-P· 6122
PiP°C†C-C”PSC,C-PI Cr PiC™CrPiC- PiPμC™PëPSPrPsPiC™PëP»Cr C,P° 12 (0,2 %) C-P· 6107
PiP°C†C-C”PSC,C-PI Cr PiC™CrPiC- PiP°C†C-C”PSC,C-PI, CÍPeC- PsC,C™PëPjCrPIP°P»Pë
PiP°P°C†PμP±Ps. PŸPμC™PμPr PiP°C†C-C”PSC,C-PI, CÍPeC- PsC,C™PëPjCrPIP°P»Pë
PiPμC™PëPSPrPsPiC™PëP», P°C™C,PμC™C-P°P»CHPSP° PiC-PiPsC,PμPSP·C-CÍ
CÍPiPsCÍC,PμC™C-PiP°P»P°CÍCÍ Cr 6 PiP°C†C-C”PSC,C-PI,
P°PSPiC-PsPSPμPIC™PsC,PëC±PSPëPNë PSP°P±C™CÍPe B™“ Cr 3 PiP°C†C-C”PSC,C-PI C,P°
C™P°PiC,PsPIP° P·CrPiPëPSPeP° CÍPμC™C†CÍ B™“ Cr 1 PiP°C†C-C”PSC,P°. PμP°C†C-C”PSC,Pë,
CÍPeC- PiC™PëPiPëPSPëP»Pë CrC±P°CÍC,CH Cr PrPsCÍP»C-PrP¶PμPSPSC-, 6,0 % (n=366)
CÍPeP°C™P¶PëP»PëCÍCH PSP° PeP°C€PμP»CH, P°C™C,PμC™C-P°P»CHPSCf
PiC-PiPsC,PμPSP·C-C™ P°P±Ps P±CrPrCH-CÍPeCf C-PSC€Cr
PSPμPiPμC™PμPSPsCÍPëPjC-CÍC,CH PiPμC™PëPSPrPsPiC™PëP»Cr PiPsC™C-PIPsCÍPSPs P· 2,1
% (n=129) PiP°C†C-C”PSC,C-PI, CÍPeC- PiC™PëPNëPjP°P»Pë PiP°P°C†PμP±Ps.

PμPsPIC-PrPsPjP»PμPSPSCÍ PiC™Ps PiPsP±C-C±PSC- C™PμP°PeC†C-C— PiC-CÍP»CÍ

Ph₃P⁺ B«PαP°C₇H₇PjP°PeB» (PIC-PrP_iSPIC-PrP°P»CH₃PSPëPN₂ P·P° PIPëC₇H₇PsP±PSPëC†C, PIPs C, P° PePsPSC, C₇H₇PsP»CH₃/PIPëP_iC₇H₇PsP±CrPIP°PSPSC‡ C₇P_uC₇H₇C-C—, PSP_u PIPeP»C₇H₇C†P°C₇H₇C†Pë PIPëP_iCrC₇H₇ C₇P_uC₇H₇C-C—).

**РњС-СГС†РμР·PSP°С...PsPrP¶PμPSPSC¶ PIPëC¶PsP±PSPëPеР° С,Р° Р°РrC¶PμCГР°
PjC-СГС†C¶ PïC¶PsPIP°PrP¶PμPSPSC¶ PNөPsPiPs PrC-С¶P»СНPSPsСГС,C-.**

PJPeC¶P°С—PSP°, 01013, Pj. РљРëС—PI, PICГР». P'СГPrC-PSPrCГСГС,C¶C—, P±CГPr. 5.

PJPeC¶P°С—PSP°, 04080, Pj. РљРëС—PI, PICГР». РљРëC¶PëP»C-PICГСНPеР°, 74.

Р—Р°С¶PIPSPëPе.

PŷPҺP' PќP'Pα В«РҺP†PљP PҺPIГP†PҺB».

РњС-СГС†РμР·PSP°С...PsPrP¶PμPSPSC¶ Р·Р°С¶PIPSPëPеР°.

PJPeC¶P°С—PSP°, 01013, Pj. РљРëС—PI, PICГР». P'СГPrC-PSPrCГСГС,C¶C—, P±CГPr. 5.

PμPsPIC-PrPsPjPëC,Pë PïC¶Ps PSPμP±P°P¶P°PSPμ С¶PIPëC%Pμ PïC¶Pë
P·Р°СГС,PсCГCГPIP°PSPSC- P»C-PеР°C¶CГСНPеPsPiPs P·Р°СГC¶PsP±CГ P'Pë PjPsP¶PμC,Pμ Р·Р°
C,PμP»PμC,,PsPSPsPj 38 (050) 309-83-54 (C†C-P»PsPrPsP±PsPIPs).