

P_xP°C_HPjP°PePsC,PuCH₂P°PiPuPIC,PëC≡PSP° PiC_HCfPiP°.

$$\text{PhCH}_2\text{C}, \text{PuCH}_2\text{C}-\text{P}^\circ\text{P} \gg \text{CH}_3\text{PSP}^\circ \text{ PiC}-\text{PiPuCH}_2\text{C}, \text{PuPSP}^\circ\text{C}-\text{Cl}$$

EUROPA БҒ“ C†Pμ PjC-P¶PSP°CҒPsPrPSPμ PjCfP»CHbC,PëC†PμPSC,CҒPsPIPμ
CҒP°PSPPrPsPjC-P.PsPIP°PSPμ PiPsPrPIC-PNєPSPs CҒP»C-PiPμ
PiP»P°C†PμP±PsPePsPSC,CҒPsP»CHbPsPIP°PSPμ PeP»C-PSC-C†PSPμ PrPsCҒP»C-PrP¶PμPSPSC¶,
C¶PePμ C,CҒPëPIP°P»Ps 4 CҒPsPePë. 12218 PrPsCҒPsCҒP»PëC... PiP°C†C-C”PSC,C-PI P±CfP»Pë

C₇H^oPSP_rPsPjC-P·PsPIP^oPSC- C_r PiC₇H₇C_rPiPë: 6110 PiP^oC₇C-C^oPSC,C-PI PiC₇H₇PëPN₂PjP^oP»Pë
 8 PjPi PiP_μC₇H₇PëPSP_rPsPiC₇H₇PëP»C_r C,P_μC₇H₇C,P±C_rC,PëP»P^oPjC-PSC_r (C_∞Ps C^o
 P_μPePIC-PIP^oP»P_μPSC,PSPëPj PiP_μC₇H₇PëPSP_rPsPiC₇H₇PëP»C_r P^oC₇H₇PiC-PSC-PSC_r 10 PjPi) C,P^o
 6108 PiP^oC₇C-C^oPSC,C-PI PiC₇H₇PëPN₂PjP^oP»Pë PiP»P^oC₇P_μP±Ps. Pj PrPsC₇P»C-PrP_μP_μPSPSC-
 P±C₇H₇P^oP»Pë C_rC₇P^oC₇C,C₇H₇ PiP^oC₇C-C^oPSC,Pë P· PiC-PrC,PIP_μC₇H₇PrP_μP_μPSPsC₇
 C-CëP_μPjC-C₇PSPsC₇ C...PIP_sC₇H₇PsP±PsC₇ C₇P_μC₇H₇C₇C₇ C,P^o P±P_μP· PeP»C-PSC-C₇PSPs
 PiC-PrC,PIP_μC₇H₇PrP_μP_μPSPsC— C₇P_μC₇H₇C₇P_μPIP_sC— PSP_μPrPsC₇C,P^oC,PSPsC₇C,C-.
 P—P^oPiP^oP»PsPj 90 % PiP^oC₇C-C^oPSC,C-PI PiP_μC₇H₇P_μPSP_μC₇P»Pë PI P^oPSP^oPjPSP_μP·C-
 C-PSC,,P^oC₇H₇PeC, PjC-PsPeP^oC₇PrP^o C,P^o/P^oP±Ps PsPiP_μC₇H₇P^oC₇C-C₇ P·
 C₇H₇P_μPIP^oC₇PeC_rP»C₇C₇H₇PëP·P^oC₇C-C—. P^oC-P»C₇H₇CëC-C₇C,C₇H₇ PiP^oC₇C-C^oPSC,C-PI C_r
 PrPsC₇P»C-PrP_μP_μPSPSC- PsC,C₇H₇PëPjC_rPIP^oP»P^o PiP_μC₇H₇PëPSP_rPsPiC₇H₇PëP» PSP^o
 PrPsPrP^oC,PsPe PrPs C₇C,P^oPSP_rP^oC₇H₇C,PSPsC— C,P_μC₇H₇P^oPiC-C—:
 PrP_μP·P^oPiC₇H₇P_μPiP^oPSC,P^oPjPë, PiC-PiPsP»C-PiC-PrP_μPjC-C₇PSPëPjPë
 P»C-PeP^oC₇C₇C₇H₇PePëPjPë P·P^oC₇PsP±P^oPjPë C,P^o β-P±P»PsPeP^oC,PsC₇H₇P^oPjPë.

P^oPsP»PsPIPSPëPjPë PeC₇H₇PeC,P_μC₇H₇C-C₇PjPë PsC₇C-PSPePë P_μC,,P_μPeC,PëPIPSPsC₇C,C-
 P±C_rP»P^o PePsPjP±C-PSPsPIP^oPSP^o C,PsC₇PeP^o: C₇P_μC₇H₇C₇P_μPIP_s-C₇C_rPrPëPSPSP^o
 P»P_μC,P^oP»C₇H₇PSC-C₇C,C₇H₇, PSP_μP»P_μC,P^oP»C₇H₇PSPëPN₂ C-PSC,,P^oC₇H₇PeC, PjC-PsPeP^oC₇PrP^o
 C,P^o/P^oP±Ps P·C_rPiPëPSPeP^o C₇P_μC₇H₇C₇C₇ P· PiPsPrP^oP»C₇H₇CëPëPj C_rC₇PiC-CëPSPëPj
 P·P^oPiC_rC₇PePsPj. P P_μP·C_rP»C₇H₇C,P^oC,PsPj C,P_μC₇H₇P^oPiC-C— PiP_μC₇H₇PëPSP_rPsPiC₇H₇PëP»C_r
 C,P_μC₇H₇C,P±C_rC,PëP»P^oPjC-PSPsPj C_r PrPsP·C- 8 PjPi PsPrPëPS C₇H₇P^o· PSP^o PrP_μPSC₇
 C₇C,P^oP»Ps PrPsC₇C,PsPIC-C₇H₇PSP_μ P^oP±C₇PsP»C₇H₇C,PSP_μ P·PjP_μPSCëP_μPSPSC₇
 PiPsPeP^o·PSPëPeP^o PiP_μC₇H₇PIPëPSPSPsC— PeC-PSC₇P_μPIP_sC— C,PsC₇PePë
 PrPsC₇P»C-PrP_μP_μPSPSC₇ PSP^o 1,9 % (P·PjP_μPSCëP_μPSPSC₇ PIC-PrPSPsC₇PSPsPiPs
 C₇H₇PëP·PëPeC_r PSP^o 20 %, 95 % P^oP₇ (PrPsPIC-C₇H₇C₇PePN₂ C-PSC,P_μC₇H₇PIP^oP») [9,4; 28,6] б₇ p <
 0,001).

P₇PjP»PsPrPëPiC-PS

P₇P_μC...P^oPSC-P·Pj PrC-C—

P₇PjP»PsPrPëPiC-PS C^o C-PSPiC-P±C-C,PsC₇H₇PsPj PiPsC,PsPeC_r C-PsPSC-PI PeP^oP»C₇H₇C₇C-C₇,
 C_∞Ps PSP^oP»P_μP_μPëC,C₇H₇ PrPs PiC₇H₇C_rPiPë PrPëPiC-PrC₇H₇PsPiC-C₇H₇PëPrPëPSC-PI
 (P±P»PsPeP^oC,PsC₇ PiPsPIC-P»C₇H₇PSPëC... PeP^oP»C₇H₇C₇C-C^oPIPëC... PeP^oPSP^oP»C-PI P^oP±Ps
 P^oPSC,P^oPiPsPSC-C₇C, C-PsPSC-PI PeP^oP»C₇H₇C₇C-C₇) C,P^o P±P»PsPeC_rC^o
 C,C₇H₇P^oPSC₇PjP_μPjP±C₇H₇P^oPSPSPëPN₂ PiPsC,C-Pe C-PsPSC-PI PeP^oP»C₇H₇C₇C-C₇ PrPs
 PeP»C-C,PëPS PiP»P^oPrPePëC... Pjб₇™ C₇P·C-PI PjC-PsPeP^oC₇PrP^o C,P^o C₇C_rPrPëPS.

P₇P_μC...P^oPSC-P·Pj P^oPSC,PëPiC-PiP_μC₇H₇C,P_μPSP·PëPIPSPsC— PrC-C— P^oPjP»PsPrPëPiC-PSC_r
 P·C_rPjPsPIP»P_μPSPëPN₂ PiC₇H₇C₇PjPsC₇ C₇H₇P_μP»P^oPeC₇C_rC₇C₇PsC₇ PrC-C^oC₇ PSP^o
 PiP»P^oPrPeC_r PjC_rC₇PeC_rP»P^oC,C_rC₇C_r C₇C_rPrPëPS. P₇PsC₇PSPëPN₂ PjP_μC...P^oPSC-P·Pj, P·P^o
 PrPsPiPsPjPsPiPsC₇ C₇PePsPiPs P^oPjP»PsPrPëPiC-PS P·PjP_μPSCëC_rC^o PiC₇H₇PsC₇PIPë
 C₇C,P_μPSPsPeP^oC₇PrC-C—, PiPsPIPSC-C₇C,C₇ PSP_μ PIPëP·PSP^oC₇P_μPSPs, P^oP»P_μ
 P^oPjP»PsPrPëPiC-PS P·PjP_μPSCëC_rC^o P·P^oPiP^oP»C₇H₇PSC_r C-CëP_μPjC-C₇
 PSP^oPIP^oPSC,P^oP_μPSPSC₇ P·P^oPIPrC₇PePë C,P^oPePëPj PrC-C₇Pj:

- P^oPjP»PsPrPëPiC-PS C₇H₇PsP·CëPëC₇C₇C^o PiP_μC₇H₇PeC,,P_μC₇H₇PeC₇PSC- P^oC₇H₇C,P_μC₇H₇C-PsP»Pë C-
 C,P^oPePëPj C₇PëPSPsPj P·PSPëP_μC₇C^o P·P^oPiP^oP»C₇H₇PSPëPN₂ PiP_μC₇H₇PeC,,P_μC₇H₇PeC₇PSPëPN₂
 PsPiC-C₇ (PiPsC₇C,PSP^oPIP^oPSC,P^oP_μPSPSC₇). P₇C₇PeC-P»C₇H₇PePë C₇P^oC₇C,PsC,P^o
 C₇P_μC₇H₇C₇P_μPIPëC... C₇PePsC₇PsC₇P_μPSC₇ PSP_μ P·PjC-PSC₇C^oC,C₇H₇C₇C₇,
 P·PSPëP_μP_μPSPSC₇ PSP^oPIP^oPSC,P^oP_μPSPSC₇ PSP^o C₇P_μC₇H₇C₇P_μ P·PjP_μPSCëC_rC^o
 C₇PiPsP_μPëPIP^oPSPSC₇ P_μPSP_μC₇H₇PiC-C— PjC-PsPeP^oC₇PrPsPj C,P^o PN₂PsPiPs PiPsC,C₇H₇P_μP±C_r

- P°PjP»PsPrPëPîC-PS C,P°PePsP¶ C‡P°CíC,PePsPIPs CíPîCĤPëCĬC” CĤPsP·C€PëCĤPµPSPSCĤ
PiPsP»PsPIPSPëC... PePsCĤPsPSP°CĤPSPëC... P°CĤC,PµCĤC-PNë C,P° PePsCĤPsPSP°CĤPSPëC...
P°CĤC,PµCĤC-PsP» CĬPe Cí PSPµP·PjC-PSPµPSPëC..., C,P°Pe C- PI C-C€PµPjC-P·PsPIP°PSPëC...
P·PsPSP°C... PjC-PsPeP°CĤPrP°. PÿP°PeP° PrPëP»P°C,P°C†C-CĬ P·P±C-P»CHC€CíC”
PSP°PrC...PsPrP¶PµPSPSCĬ PePëCíPSCĤ PrPs PjC-PsPeP°CĤPrP° Cí C...PIPsCĤPëC... PSP°
PIP°P·PsCíPîP°CíC,PëC‡PSCí CíC,PµPSPsPeP°CĤPrC-CĤ (CíC,PµPSPsPeP°CĤPrC-CĬ
PµCĤPëPSC†PjPµC,P°P»P° P°P±Ps PIP°CĤC-P°PSC,PSP° CíC,PµPSPsPeP°CĤPrC-CĬ).

Pj PiP°C†C-C" PSC, C-PI P· P°C†C, PμC†C-P°P»CHBPSPsC† PiC-PiPμC†C, PμPSP·C-C" C†
PiC†PēPnPsPj P°PjP»PsPrPēPiC-PSC† PsPrPēPS C†P°P· PSP° PrPμPSC† P·P°P±PμP·PiPμC†C†C"
PeP»C-PSC-C†PSPs PIPēC†P°P¶PμPSPμ P·PSPēP¶PμPSPSC¶ P°C†C, PμC†C-P°P»CHBPSPsPiPs
C, PēC†PeC† PiC†PsC, C¶PiPsPj 24 PiPsPrPēPS C¶Pe C† PiPsP»PsP¶PμPSPSC- PiP°C†C-C" PSC, P°
P»PμP¶P°C†Pē, C, P°Pe C- PI PiPsP»PsP¶PμPSPSC- C†C, PsC¶C†Pē. P—P°PIPrC¶PePē
PiPsPIC-P»CHBPSPsPjC† PiPsC†P°C, PeC† PrC-C— P°PjP»PsPrPēPiC-PS PSPμ
C†PiC†PēC†PēPSC¶C" PiPsC†C, C†PsC— PiC-PiPsC, PμPSP·C-C—.

P— PiC₇PëPM₂PsPjPsPj P°PjP»PsPrPëPiC—PSCr PSP_μ PiPsPIB₇TM C₄IP·P°PSC— P_¶PsPrPSC— PSP_μPiP°C, PëPIPSC— PjP_μC, P°P±PsP»C—C_†PSC— PiC₇PsC₄PIPIë P°P±Ps P·PjC—PSPë C₇C—PIPSC₄ P»C—PiC—PrC—PI Cr PiP»P°P·PjC— PeC₇PsPIC—, C, PsPjCr PM₂PsPiPs PjPsP_¶PSP° P·P°C₇C, PsC₇PsPIC₇PIP°C, Pë PiP°C_†C—C”PSC, P°Pj P· P°C₇C, PjPsC₇, C_†CrPeC₇PsPIPIëPj PrC—P°P±P_μC, PsPj C, P° PiPsPrP°PiC₇PsC₇.

P•C„PµPeC,PëPIPSC-CřC,CH P°PjP»PsPrPëPiC-PSCř Cř P•P°PiPsP±C-PiP°PSPSC-
PeP»C-PSC-C‡PSPëC... PiPsPrC-PNë Cř PiP°C†C-C”PSC,C-PI P• C-CëPµPjC-C‡PSPsCř
C...PIPsCřPsP±PsCř CřPµCřC†C‡ (P†PřPř) P±CřP»Ps PsC†C-PSPµPSPs Cř
PSPµP•P°P»PµP¶PSPsPjCř PjCřP»CHC,PëC†PµPSC,CřPsPIPsPjCř
CřP°PSPrPsPjC-P•PsPIP°PSPsPjCř PiPsPrPIC-PNëPSPs CřP»C-PiPsPjCř
PiP»P°C†PµP±PsPePsPSC,CřPsP»CHPsPIP°PSPsPjCř PrPsCřP»C-PrP¶PµPSPSC- P•
CřC‡P°CřC,Cř 1997 PiP°C†C-C”PSC,C-PI Bř”B CAMELOT (PµPsCřC-PIPsC‡PSPSC‡
P°PjP»PsPrPëPiC-PSCř PrPs PµPSP°P»P°PiCřPëP»Cř C%PsPrPs PsP±PjPµP¶PµPSPSC‡
PIPëPiP°PrPeC-PI C,CřPsPjP±PsP•Cř). PµCřPsC,C‡PiPsPj 2 CřPsPeC-PI 663 PiP°C†C-C”PSC,Pë
PiCřPëPNëPjP°P»Pë P°PjP»PsPrPëPiC-PS Cř PrPsP•C- 5Bř”10 PjPi, 673 PiP°C†C-C”PSC,Pë
PiCřPëPNëPjP°P»Pë PµPSP°P»P°PiCřPëP» Cř PrPsP•C- 10Bř”20 PjPi C- 655 PiP°C†C-C”PSC,C-PI
PiCřPëPNëPjP°P»Pë PiP»P°C†PµP±Ps PSP° PrPsPrP°C,PsPe PrPs CřC,P°PSPrP°CřC,PSPsC—
C,PµCřP°PiC-C— CřC,P°C,PëPSP°PjPë, β-P±P»PsPeP°C,PsCřP°PjPë, PrC-CřCřPµC,PëPeP°PjPë
C,P° P°CřPiC-CřPëPSPsPj. PhCřPSPsPIPsC- CřPµP•CřP»CHC,P°C,Pë P•
PµC„PµPeC,PëPIPSPsCřC,C- PSP°PIPµPrPµPSPs Cř C,P°P±P»PëC†C- PSPëP¶C‡Pµ.
P PµP•CřP»CHC,P°C,PëB CřPIC-PrC‡P°C,CH PiCřPs C,Pµ, C%Ps P»C-PeCřPIP°PSPSC‡

$P^\circ P_j P \gg P_s P_r P \ddot{e} P_i C - P S P_s P_j \quad P \pm C r P \gg P_s \quad P \ddot{i} P_s P l B \mathfrak{H}^{\text{TM}} C \mathfrak{L} P \cdot P^\circ P S P_s \quad P \cdot \quad P_j P_\mu P S C \epsilon P_s C \mathfrak{H}$
 $P e C - P \gg C \mathfrak{H} P e C - C \mathfrak{I} C, C \mathfrak{H} \quad P I P \ddot{e} P i P^\circ P r P e C - P I \quad P i P_s C \mathfrak{I} P i C - C, P^\circ P \gg C - P \cdot P^\circ C \mathfrak{I} C - C - \quad P \cdot \quad P i C \mathfrak{H} P \ddot{e} P i P_s P r C r$
 $C \mathfrak{I} C, P_\mu P S P_s P e P^\circ C \mathfrak{H} P r C - C - \quad C, P^\circ \quad P_s P i P_\mu C \mathfrak{H} P^\circ C \mathfrak{I} C - P \mathfrak{N}_2 \quad C \mathfrak{H} P_\mu P I P^\circ C \mathfrak{I} P e C r P \gg C \mathfrak{L} C \mathfrak{H} P \ddot{e} P \cdot P^\circ C \mathfrak{I} C - C - \quad C r$
 $P i P^\circ C \mathfrak{I} C - C'' P S C, C - P I \quad P \cdot \quad P \mathfrak{I} P \mathfrak{I} \mathfrak{P} \check{Y}.$

РSP°CГC,PsC,P° PeP°CГPrC-PsPIP°CГPeCfP»CЦCГPSP°C... PiPsPrC-P№, PeC-P»CHPeC-CГC,CH (%)	PГPjP»PsPrPëPiC-PS	PuP»P°C†PμP±Ps	P•PSP°P»P°PiCГPëP»	P°C-PrPSPsCГPSPëP№CГ- CГPëP-PëPe (95 % P°P†)	PiP»P°C†PμP±Ps
P PμP-CfP»CHC,P°C,Pë	PГPjP»PsPrPëPiC-PS	PuP»P°C†PμP±Ps	P•PSP°P»P°PiCГPëP»	P°C-PrPSPsCГPSPëP№CГ- CГPëP-PëPe (95 % P°P†)	PiP»P°C†PμP±Ps
<i>PμPμCГPIPëPSPSP° PeC-PSC†PμPIP° C,PsC†PeP° PкPμP±P°P¶P°PSC- PeP°CГPrC-PsPIP°CГPeCfP»CЦCГPSC- PiPsPrC-C—</i>	110 (16,6)	151 (23,1)	136 (20,0)	0,69 (0,54БГ“0,88)	0,003
<i>PhPeCГPμPjC- CГPeP»P°PrPsPIC- PлPsCГPsPSP°CГPSP° CГPμPIP°CГPeCfP»CЦCГPëP.P°C†C-CЦ</i>	78 (11,8)	103 (15,7)	95 (14,1)	0,73 (0,54БГ“0,98)	0,03
<i>P°PsCГPiC-C,P°P»C-P.P°C†C-C— P. PiCГPëPIPsPrCf CГC,PμPSPsPeP°CГPrC-C—</i>	51 (17,7)	84 (12,8)	86 (12,8)	0,58 (0,41БГ“0,82)	0,002
<i>PкPμP»PμC,P°P»CHPSPëP№ C-PSC„P°CГPeC, PjC-PsPeP°CГPrP°</i>	14 (2,1)	19 (2,9)	11 (1,6)	0,73 (0,37-1,46)	0,37
<i>P†PSCГCfP»CHC, P°P±Ps C,CГP°PSP.PëC,PsCГPSP° C-CëPμPjC-C†PSP° P°C,P°PeP°</i>	6 (0,9)	12 (1,8)	8 (1,2)	0,50 (0,19БГ“1,32)	0,15
<i>PлP°CГPrC-PsPIP°CГPeCfP»CЦCГPSP° P»PμC,P°P»CHPSC-CГC,CH</i>	5 (0,8)	2 (0,3)	5 (0,7)	2,46 (0,48БГ“12,7)	0,27
<i>P°PsCГPiC-C,P°P»C-P.P°C†C-C— P. PiCГPëPIPsPrCf P.P°CГC,C-P№PSPsC— CГPμCГC†PμPIPsC— PSPμPrPsCГC,P°C,PSPsCГC,C-</i>	3 (0,5)	5 (0,8)	4 (0,6)	0,59 (0,14БГ“2,47)	0,46
<i>P—CfPiPëPSPeP° CГPμCГC†CЦ P. PiPsPrP°P»CHCëPëPj P.P°PiCfCГPePsPj</i>	0	4 (0,6)	1 (0,1)	-	0,04
<i>P°PiPμCГCëPμ PIPëCЦPIP»PμPSC- P.P°C...PIPsCГCГPIP°PSPSCЦ PiPμCГPëC,PμCГPëC†PSPëC... CГCfPrPëPS</i>	5 (0,8)	2 (0,3)	8 (1,2)	2,6 (0,5БГ“13,4)	0,24

$$\text{P}\ddot{\text{Y}}\text{P}_{\text{u}}\text{C}\ddot{\text{H}}\text{C}\dagger\text{P}_{\text{u}}\text{PIP}^{\circ}\text{PSP}_{\text{u}}\text{PrPsC}\dot{\text{I}}\text{C},\text{P}^{\circ}\text{C},\text{PSC}-\text{C}\dot{\text{I}}\text{C},\text{CH}$$

РнРмС,РсСн РїР»Р°С†РмР±РѕРєРѕРѕС,СнРѕРѕ»СнРѕРїР°Р°Р°РѕРѕРѕРѕ РїРѕС†Р»»С-РїР¶Р¶РмРѕРѕСРѕС
PRAISE Р±С†Р»»Р° РѕС†С-РѕРєР°Р° РїРїР»»РєРїС† Р°РјР»»РѕРїРєРїС-РѕС† РѕР°Р°С†С-С”РѕС,С-Рї
С-Р. С†РмСнС†РмРїРѕСн РѕРмРїРѕС†С,Р°С,РѕС-С†С,Сн С,,С†РѕРєС†С-РѕРѕР°Р»»СнРѕРѕРѕРѕ
РєР»»Р°С†С† РїРн”IV NYHA, СРєРє- РїСнРєРѕРѕРјРјР°Р»»Рє РїРєРїРѕРєРєС†РєРѕ,
РїС-С†СнРмС,РєРєРє С,Р° С-РѕРїС-Р±С-С,РѕСнРє Рѕ РѕРмРм. Р”РѕС†Р»»С-РїР¶Р¶РмРѕРѕСРѕС

PiPsPeP°P·P°P»Ps, C%Ps P·P°CfC,PsCfCfPIP°PSPSCl P°PjP»PsPrPëPïC-PSCr PSPµ
PiC-PrPIPëC%CrC” ЧҗPëP·PëPeCr P»PµC,P°P»ЧҺPSPsCfC,C- P°P±Ps ЧҗPëP·PëPeCr
P·P°C...PIPsCҗCҗHIP°PSPsCfC,C-/P»PµC,P°P»ЧҺPSPsCfC,C-, PiPsPIБҗ™ ClP·P°PSPëC... C-P·
CfPµCҗCfPµPIPsCҗ PSPµPrPsCfC,P°C,PSC-CfC,Cҗ.

PRAISE-2 Бҗ” PrPsPIPiPsC,ЧҗPëPIP°P»Pµ PiP»P°CfPµP±PsPePsPSC,ЧҗPsP»ЧҺPsPIP°PSPµ
PrPsCfP»C-PrP¶PµPSPSCl. PҺPµC,P° PrPsCfP»C-PrP¶PµPSPSCl Бҗ” PsCfC-PSPëC,Pë
PIPiP»PëPI P°PjP»PsPrPëPïC-PSCr PSP° PiP°CfC-C”PSC,C-PI C-P· CfPµCҗCfPµPIPsCҗ
PSPµPrPsCfC,P°C,PSC-CfC,Cҗ C,,CfPSPeCfC-PsPSP°P»ЧҺPSPsPiPs PeP»P°CfCf IIIБҗ”IV NYHA
P±PµP· PeP»C-PSC-CfPSPëC... CfPëPjPiC,PsPjC-PI P°P±Ps PsP±Бҗ™ C”PeC,PëPIPSPëC...
PrP°PSPëC..., ClPeC- PiC-PrC,PIPµCҗPrP¶CfCҗC,ЧҺ P°P±Ps C” PI PsCfPSPsPIC-
C-CёPµPjC-CfPSPsC— C...PIPsCҗPsP±Pë. PµP°CfC-C”PSC,Pë, ClPeC- P±CҗP°P»Pë
CfCfP°CfC,ЧҺ Cr PrPsCfP»C-PrP¶PµPSPSC-, C,ЧҗPëPIP°P»PëPNë CfP°Cf PiCҗPëPNëPjP°P»Pë
C-PSPiC-P±C-C,PsCҗPë PҺPµPҗ, P»C-PeP°CҗCfCҗPeC- P·P°CfPsP±Pë PrPëPiC-C,P°P»C-CfCf
C,P° PrC-CfCҗPµC,PëPePë. P”PsCfP»C-PrP¶PµPSPSCl PiPsPeP°P·P°P»Ps, C%Ps
P°PjP»PsPrPëPïC-PS PSPµ PIPiP»PëPIP°C” PSP° P·P°PiP°P»ЧҺPSCf
PeP°CҗPrC-PsPIP°CfPeCrP»ClCҗPSCr P»PµC,P°P»ЧҺPSC-CfC,ЧҺ. PJ ЧҗP°PjPeP°C...
PrPsCfP»C-PrP¶PµPSPSCl PiCҗPëPNëPsPj P°PjP»PsPrPëPïC-PSCr P°CfPsCfC-CҗHIP°PICfCf
C-P· PiC-PrPIPëC%PµPSPSClPj PeC-P»ЧҺPePsCfC,C- PiPsPIC-PrPsPjP»PµPSCҗ PiCҗPs
PSP°P±CҗClPe P»PµPiPµPSC-PI.

ALLHAT Бҗ” PrPsCfP»C-PrP¶PµPSPSCl ЧҗC-P·PSPëC... C,PëPiC-PI P»C-PeCrPIP°PSPSCl
PrP»Cl PiPsPiPµCҗPµPrP¶PµPSPSCl CfPµCҗCfPµPIPëC... PSP°PiP°PrC-PI

P P°PSPrPsPjC-P·PsPIP°PSPµ PiPsPrPIC-PNëPSPs CfP»C-PiPµ PrPsCfP»C-PrP¶PµPSPSCl
P·P°C...PIPsCҗCҗHIP°PSPsCfC,C-/P»PµC,P°P»ЧҺPSPsCfC,C- ALLHAT
(PҺPSC,PëPiC-PiPµCҗC,PµPSP·PëPIPSµ C,P° PiC-PiPsP»C-PiC-PrPµPjC-CfPSPµ
P»C-PeCrPIP°PSPSCl PrP»Cl PiCҗPsC,,C-P»P°PeC,PëPePë CfPµCҗCfPµPIPëC... PSP°PiP°PrC-PI)
PiCҗPsPiPsPrPëP»PsCfCf Cr PiP°CfC-C”PSC,C-PI P· P»PµPiPePsCҗ C- PiPsPjC-CҗPSPsCҗ
P°CҗC,PµCҗC-P°P»ЧҺPSPsCҗ PiC-PiPµCҗC,PµPSP·C-C”Cҗ PrP»Cl PiPsCҗC-PIPSClPSPSCl
CfCfCfP°CfPSPëC... C,PµCҗP°PiPµPIC,PëCfPSPëC... P·P°CfPsP±C-PI: P°PjP»PsPrPëPïC-PSCr Cr
PrPsP·C- 2,5Бҗ”10 PjPi/PrPµPSCҗ (P±P»PsPeP°C,PsCҗ PeP°P»ЧҺCfC-C”PIPëC...
PeP°PSP°P»C-PI) P°P±Ps P»C-P·PëPSPsPiCҗPëP»Cr Cr PrPsP·C- 10Бҗ”40 PjPi/PrPµPSCҗ
(C-PSPiC-P±C-C,PsCҗ PҺPµPҗ) ClPe C,PµCҗP°PiC-C— PiPµCҗCёPsC— P»C-PSC-C— C-
C,C-P°P·PëPrPSPsPiPs PrC-CfCҗPµC,PëPeP° C...P»PsCҗC,P°P»C-PrPsPSCr Cr PrPsP·C-
12,5Бҗ”25 PjPi/PrPµPSCҗ.

PJ PrPsCfP»C-PrP¶PµPSPSC- P±CҗP°P»Pë CrCfP°CfC,ЧҺ 33357 PiP°CfC-C”PSC,C-PI P·
P°CҗC,PµCҗC-P°P»ЧҺPSPsCҗ PiC-PiPµCҗC,PµPSP·C-C”Cҗ PIC-PePsPj PIC-Pr 55 ЧҗPsPeC-PI,
ClPeC- CfPiPsCfC,PµCҗC-PiP°P»PëCfCf PI CfPµCҗPµPrPSCҗPsPjCr PiCҗPsC,ClPiPsPj 4,9
ЧҗPsPeCr. PµP°CfC-C”PSC,Pë PjP°P»Pë C...PsCfP° P± PsPrPëPS PrPsPrP°C,PePsPIPëPNë
PeP°CҗPrC-PsPIP°CfPeCrP»ClCҗPSPëPNë C,,P°PeC,PsCҗ ЧҗPëP·PëPeCr, Cr C,PsPjCr
CfPëCfP»C- PiPsPiPµCҗPµPrPSC-PNë C-PSC,,P°CҗPeC, PjC-PsPeP°CҗPrP° P°P±Ps
C-PSCfCfP»ЧҺC, P·P° > 6 PjC-CfCfCfCfC-PI PrPs PIPeP»CҗCfPµPSPSCl Cr
PrPsCfP»C-PrP¶PµPSPSCl, P°P±Ps PiC-PrC,PIPµCҗPrP¶PµPSPSCl C-PSCёPsPiPs
P°C,PµCҗPsCfPeP»PµCҗPsC,PëCfPSPsPiPs CfPµCҗCfPµPIPs-CfCfPrPëPSPSPsPiPs
P·P°C...PIPsCҗCҗHIP°PSPSCl (P·P°PiP°P»PsPj 51,5 %), PrC-P°P±PµC, P†P† C,PëPiCr (36,1 %),
PrPëCfP»C-PiC-PrPµPjC-Cҗ P>P© (P»C-PiPsPiCҗPsC,PµC—PrPë PIPëCfPsPePsC—
C%C-P»ЧҺPSPsCfC,C-) < 35 PjPi/PrP» (11,6 %), PiC-PiPµCҗC,ЧҗPsC,,C-Cҗ P»C-PIPsPiPs
CёP»CrPSPsCfPeP°, C%Ps P±CrP»P° PICfC,P°PSPsPIP»PµPSP° PSP°
PµP»PµPeC,ЧҗPsPeP°CҗPrC-PsPiCҗP°PjC- P°P±Ps PiC-Pr CfP°Cf
PµC...PsPeP°CҗPrC-PsPiCҗP°C,,C-C— (20,9 %), PiP°P»C-PSPSCl (21,9 %).

$P_{\mu}P_{\mu}C_{\eta}PIP\ddot{e}PSPSP^{\circ}PeC-PSC\uparrow P_{\mu}PIP^{\circ}C,PsC\ddot{+}PeP^{\circ}PrPsC\uparrow P\gg C-PrP\uparrow P_{\mu}PSPSC\downarrow P\pm C\uparrow P\gg P^{\circ}$
 $PePsPjP\pm C-PSPsPIP^{\circ}PSPsC_{\eta}C-Cl\ddot{P}eP\gg P^{\circ}PrP^{\circ}P\gg P^{\circ}C\uparrow C\downarrow P\cdot P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SP\ddot{e}C...$
 $C\uparrow C\uparrow PeP\gg P^{\circ}PrPSP_{\mu}PSC_{\eta}P\uparrow P\uparrow P\ddot{Y}P^{\circ}P\pm PsPSP_{\mu}P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SPsPiPsC-PSC,,P^{\circ}C_{\eta}PeC,C\uparrow$
 $PjC-PsPeP^{\circ}C_{\eta}PrP^{\circ}.P\ddot{Y}C,P^{\circ}C,P\ddot{e}C\uparrow C,P\ddot{e}C\ddot{+}PSPsPrPsC\uparrow C,PsPIC-C_{\eta}PSPsC-C_{\eta}C-P\cdot PSP\ddot{e}C\uparrow C-P\cdot P^{\circ}$
 $PiPsPeP^{\circ}P\cdot PSP\ddot{e}PeP^{\circ}PjP\ddot{e}PiP_{\mu}C_{\eta}PIP\ddot{e}PSPSPsC-PeC-PSC\uparrow P_{\mu}PIPsC-C,PsC\ddot{+}PeP\ddot{e}PjC-P\uparrow$
 $C,P_{\mu}C_{\eta}P^{\circ}PiC-C''C_{\eta}PSP^{\circ}PsC\uparrow PSPsPIC-P^{\circ}PjP\gg PsPrP\ddot{e}PiC-PSC\uparrow C-C,P_{\mu}C_{\eta}P^{\circ}PiC-C''C_{\eta}PSP^{\circ}$
 $PsC\uparrow PSPsPIC-C...P\gg PsC_{\eta}C,P^{\circ}P\gg C-PrPsPSC\uparrow PSP_{\mu}PIP\ddot{e}C\downarrow PIP\gg P_{\mu}PSPs:PIC-PrPSPsC\uparrow PSP\ddot{e}PN_{\ddot{e}}$
 $C_{\eta}P\ddot{e}P\cdot P\ddot{e}Pe0,98,95\%P''P\uparrow(0,90\text{в}\ddot{H}''1,07)C_{\eta}=0,65.P\odot PsPrPsPIC,PsC_{\eta}P\ddot{e}PSPSP\ddot{e}C...$
 $PeC-PSC\uparrow P_{\mu}PIP\ddot{e}C...C,PsC\ddot{+}PsPe,C,PsC\ddot{+}P^{\circ}C\uparrow C,PsC,P^{\circ}PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\downarrow$
 $C\uparrow P_{\mu}C_{\eta}C\uparrow P_{\mu}PIPsC-PSP_{\mu}PrPsC\uparrow C,P^{\circ}C,PSPsC\uparrow C,C-(Cl\ddot{P}eP\gg P^{\circ}PrPsPIP^{\circ}$
 $PePsPjP\pm C-PSPsPIP^{\circ}PSPsC-C\uparrow P_{\mu}C_{\eta}C\uparrow P_{\mu}PIPs-C\uparrow C\uparrow PrP\ddot{e}PSPSPsC-PeC-PSC\uparrow P_{\mu}PIPsC-$
 $C,PsC\ddot{+}PeP\ddot{e})P\pm C\uparrow P\gg P^{\circ}PrPsC\uparrow C,PsPIC-C_{\eta}PSPsPIP\ddot{e}C\%PsC_{\eta}C\uparrow PiC_{\eta}C\uparrow PiC-,C\%Ps$
 $PiC_{\eta}P\ddot{e}PN_{\ddot{e}}PjP^{\circ}P\gg P^{\circ}P^{\circ}PjP\gg PsPrP\ddot{e}PiC-PS,PiPsC_{\eta}C-PIPSC\downarrow PSPsP\cdot PiC_{\eta}C\uparrow PiPsC_{\eta},C\%Ps$
 $PiC_{\eta}P\ddot{e}PN_{\ddot{e}}PjP^{\circ}P\gg P^{\circ}C...P\gg PsC_{\eta}C,P^{\circ}P\gg C-PrPsPS(10,2\%PiC_{\eta}PsC,P\ddot{e}7,7\%,PIC-PrPSPsC\uparrow PSP\ddot{e}PN_{\ddot{e}}$
 $C_{\eta}P\ddot{e}P\cdot P\ddot{e}Pe1,38,95\%P''P\uparrow[1,25\text{в}\ddot{H}''1,52]p<0,001).PhPrPSP^{\circ}PePSP_{\mu}P\pm C\uparrow P\gg Ps$
 $PIC-PrP\cdot PSP^{\circ}C\ddot{+}P_{\mu}PSPsPrPsC\uparrow C,PsPIC-C_{\eta}PSPsC-C_{\eta}C-P\cdot PSP\ddot{e}C\uparrow C-P\cdot P^{\circ}$
 $P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SC-C\uparrow C,C_{\eta}P\cdot P\pm C\uparrow PrCH-C\downarrow PeP\ddot{e}C...PiC_{\eta}P\ddot{e}C\ddot{+}P\ddot{e}PSPjC-P\uparrow C,P_{\mu}C_{\eta}P^{\circ}PiC-C''C_{\eta}$
 $PSP^{\circ}PsC\uparrow PSPsPIC-P^{\circ}PjP\gg PsPrP\ddot{e}PiC-PSC\uparrow C-C,P_{\mu}C_{\eta}P^{\circ}PiC-C''C_{\eta}PSP^{\circ}PsC\uparrow PSPsPIC-$
 $C...P\gg PsC_{\eta}C,P^{\circ}P\gg C-PrPsPSC\uparrow (PIC-PrPSPsC\uparrow PSP\ddot{e}PN_{\ddot{e}}C_{\eta}P\ddot{e}P\cdot P\ddot{e}Pe0,96,95\%P''P\uparrow[0,89\text{в}\ddot{H}''1,02]$
 $C_{\eta}=0,20).$

$P'P\gg P^{\circ}C\uparrow C,P\ddot{e}PIPsC\uparrow C,C-,Cl\ddot{P}iC-P\gg CH\ddot{P}SC-PrP\gg C\downarrow PiP_{\mu}C_{\eta}P\ddot{e}PSPPrPsPiC_{\eta}P\ddot{e}P\gg C\ddot{z}PN_{\ddot{e}}$
 $P^{\circ}PjP\gg PsPrP\ddot{e}PiC-PSC\ddot{z}$

$P''PsC\uparrow P\gg C-PrP\uparrow P_{\mu}PSPSC\downarrow P\cdot P^{\circ}C...PIPsC_{\eta}C_{\eta}PIP^{\circ}PSPsC\uparrow C,C-P^{\circ}P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SPsC\uparrow C,C-$
 $ASCOT-BLPA(P_{\eta}PSPiP\gg Ps-C\uparrow PeP^{\circ}PSPPrP\ddot{e}PSP^{\circ}PIC\uparrow CH\ddot{P}eP_{\mu}PrPsC\uparrow P\gg C-PrP\uparrow P_{\mu}PSPSC\downarrow$
 $PeP^{\circ}C_{\eta}PrC-PsPIP^{\circ}C\uparrow PeC\uparrow P\gg C\downarrow C_{\eta}PSP\ddot{e}C...PSP^{\circ}C\uparrow P\gg C-PrPeC-PI\text{ в}\ddot{H}''$
 $P^{\circ}PSC,P\ddot{e}PiC-PiP_{\mu}C_{\eta}C,P_{\mu}PSP\cdot P\ddot{e}PIPS^{\circ}PiC-P\gg PeP^{\circ})P\pm C\uparrow P\gg PsPiC_{\eta}PsPIP_{\mu}PrP_{\mu}PSPsP\cdot$
 $C\uparrow C\ddot{+}P^{\circ}C\uparrow C,C_{\eta}19257PiP^{\circ}C\uparrow C-C''PSC,C-PIPIC-PePsPjPIC-Pr40PrPs79C_{\eta}PsPeC-PIP\cdot$
 $PiC-PiP_{\mu}C_{\eta}C,P_{\mu}PSP\cdot C-C''C_{\eta}C,P^{\circ}PSP^{\circ}C\downarrow PIPSC-C\uparrow C,C_{\eta}C\%PsPSP^{\circ}PN_{\ddot{e}}PjP_{\mu}PSC\epsilon P_{\mu}3C-P\cdot$
 $PSP\ddot{e}P\uparrow C\ddot{+}P_{\mu}PSP^{\circ}PIP_{\mu}PrP_{\mu}PSP\ddot{e}C...PeP^{\circ}C_{\eta}PrC-PsPIP^{\circ}C\uparrow PeC\uparrow P\gg C\downarrow C_{\eta}PSP\ddot{e}C...C,,P^{\circ}PeC,PsC_{\eta}C-PI$
 $C_{\eta}P\ddot{e}P\cdot P\ddot{e}PeC\uparrow:PiC-PiP_{\mu}C_{\eta}C,C_{\eta}PsC,,C-C\downarrow P\gg C-PIPsPiPsC\epsilon P\gg C\uparrow PSPsC\ddot{+}PeP^{\circ}(PIP\ddot{e}C\downarrow PIP\gg P_{\mu}PSP^{\circ}$
 $P\cdot P^{\circ}PrP^{\circ}PSP\ddot{e}PjP\ddot{e}P\cdot P_{\eta}P''P^{\circ}P\pm PsP_{\mu}C...PsPeP^{\circ}C_{\eta}PrC-PsPiC_{\eta}P^{\circ}C,,C-C-),C-PSC\epsilon C-$
 $PIC-PrC...P\ddot{e}P\gg P_{\mu}PSPSC\downarrow,PIP\ddot{e}C\downarrow PIP\gg P_{\mu}PSC-PSP^{\circ}P_{\mu}P\gg P_{\mu}PeC,C_{\eta}PsPeP^{\circ}C_{\eta}PrC-PsPiC_{\eta}P^{\circ}PjC-,$
 $C\uparrow C\uparrow PeC_{\eta}PsPIP\ddot{e}PN_{\ddot{e}}PrC-P^{\circ}P\pm P_{\mu}C,P\uparrow P\uparrow C,P\ddot{e}PiC\uparrow,P\cdot P^{\circ}C...PIPsC_{\eta}C_{\eta}PIP^{\circ}PSPSC\downarrow$
 $PiP_{\mu}C_{\eta}P\ddot{e}C,,P_{\mu}C_{\eta}P\ddot{e}C\ddot{+}PSP\ddot{e}C...P^{\circ}C_{\eta}C,P_{\mu}C_{\eta}C-PN_{\ddot{e}},PiP_{\mu}C_{\eta}P_{\mu}PSP_{\mu}C\uparrow P_{\mu}PSP\ddot{e}PN_{\ddot{e}}C-PSC\uparrow C\uparrow P\gg CH\ddot{C},$
 $P^{\circ}P\pm PsC,C_{\eta}P^{\circ}PSP\cdot P\ddot{e}C,PsC_{\eta}PSP^{\circ}C-C\epsilon P_{\mu}PjC-C\ddot{+}PSP^{\circ}P^{\circ}C,P^{\circ}PeP^{\circ},C\ddot{+}PsP\gg PsPIC-C\ddot{+}P^{\circ}$
 $C\uparrow C,P^{\circ}C,CH,PIC-PePIC-Pr55C_{\eta}PsPeC-PI,PjC-PeC_{\eta}PsP^{\circ}P\gg CH\ddot{P}\pm C\uparrow PjC-PSC\uparrow C_{\eta}C-C\downarrow P^{\circ}P\pm Ps$
 $PiC_{\eta}PsC,P_{\mu}C-PSC\uparrow C_{\eta}C-C\downarrow,PiP^{\circ}P\gg C-PSPSC\downarrow,C\uparrow PiC-PIPIC-PrPSPsC\epsilon P_{\mu}PSPSC\downarrow C_{\eta}C-PIPS\downarrow$
 $P\cdot P^{\circ}PiP^{\circ}P\gg CH\ddot{P}SPsPiPsC...PsP\gg P_{\mu}C\uparrow C,P_{\mu}C_{\eta}P\ddot{e}PSC\uparrow PiP\gg P^{\circ}P\cdot PjP\ddot{e}PrPs$
 $C...PsP\gg P_{\mu}C\uparrow C,P_{\mu}C_{\eta}P\ddot{e}PSC\uparrow P\gg C-PiPsPiC_{\eta}PsC,P_{\mu}C-PrC-PIPIP\ddot{e}C\uparrow PsPePsC-$
 $C\%C-P\gg CH\ddot{P}SPsC\uparrow C,C-(P\gg P^{\circ}P\odot)6C-P\pm C-P\gg CH\ddot{C}\epsilon P_{\mu},C\uparrow C-PjP_{\mu}PN_{\ddot{e}}PSP\ddot{e}PN_{\ddot{e}}P^{\circ}PSP^{\circ}PjPSP_{\mu}P\cdot$
 $C_{\eta}P^{\circ}PSPSCH\ddot{P}PiPsPIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\downarrow P\uparrow P\uparrow P\ddot{Y}.$

$PhC\uparrow PSPsPIPSPsC_{\eta}PjP_{\mu}C,PsC_{\eta}PrPsC\uparrow P\gg C-PrP\uparrow P_{\mu}PSPSC\downarrow P\pm C\uparrow P\gg PsPsC\uparrow C-PSP\ddot{e}C,P\ddot{e}C,P^{\circ}$
 $PiPsC_{\eta}C-PIPSC\downarrow C,P\ddot{e}PrPsPiPiPsC,C_{\eta}P\ddot{e}PIP^{\circ}P\gg C-PIPiP\gg P\ddot{e}PiP\ddot{e}PrPiPsC...C_{\eta}P_{\mu}P\uparrow P\ddot{e}PjC-PI$
 $P^{\circ}PSC,P\ddot{e}PiC-PiP_{\mu}C_{\eta}C,P_{\mu}PSP\cdot P\ddot{e}PIPS^{\circ}C-C,P_{\mu}C_{\eta}P^{\circ}PiC-C-PSP^{\circ}PePsPjP\pm C-PSPsPIP^{\circ}PSC\uparrow$
 $PeC-PSC\uparrow P_{\mu}PIC\uparrow C,PsC\ddot{+}PeC\uparrow\text{ в}\ddot{H}''PSP_{\mu}P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SP\ddot{e}PN_{\ddot{e}}C-PSC,,P^{\circ}C_{\eta}PeC,$
 $PjC-PsPeP^{\circ}C_{\eta}PrP^{\circ}(PIPeP\gg CH\ddot{C}\ddot{+}P^{\circ}CH\ddot{C}\ddot{+}P\ddot{e}P\pm P_{\mu}P\cdot C\uparrow P\ddot{e}PjPiC,PsPjPSP\ddot{e}PN_{\ddot{e}}C-PSC,,P^{\circ}C_{\eta}PeC,$
 $PjC-PsPeP^{\circ}C_{\eta}PrP^{\circ})C,P^{\circ}P\gg P_{\mu}C,P^{\circ}P\gg CH\ddot{P}SC-C\uparrow C\uparrow PeP\gg P^{\circ}PrPSP_{\mu}PSPSC\downarrow C-C\epsilon P_{\mu}PjC-C\ddot{+}PSPsC-$
 $C...PIPsC_{\eta}PsP\pm P\ddot{e}C\uparrow P_{\mu}C_{\eta}C\uparrow C\downarrow(P\uparrow P\uparrow P\ddot{Y}),\text{ в}\ddot{H}''P^{\circ}C\uparrow P^{\circ}PjP_{\mu}C,P_{\mu}C_{\eta}P^{\circ}PiC-C-$

P°PjP»PsPrPëPîC-PSPsPj Cí PePsPjP±C-PSP°C†C-C— P· PîPµCĤPëPSPrPsPîCĤPëP»PsPj, CĬPePëPNē PrPsPrP°PIP°PIC†CĬ Cí CĤP°P·C- PSPµPsP±C...C-PrPSPsC†C,C- P·PSPëP¶PµPSPSCĬ C,PëC†PeCí, PîPsCĤC-PIPSCĬPSPs P· C,PµCĤP°PîC-C”CĤ P°C,PµPSPsP»PsP»PsPj Cí PePsPjP±C-PSP°C†C-C— P· PrC-CíCĤPµC,PëPePsPj P±PµPSPrCĤPsC,,P»CíPjPµC,C-P°P·PëPrPsPj, C%Ps PrPsPrP°PIP°PIC†CĬ Cí CĤP°P·C- PSPµPsP±C...C-PrPSPsC†C,C- P·PSPëP¶PµPSPSCĬ C,PëC†PeCí.

PJ PeC-PSC†C- PrPsC†P»C-PrP¶PµPSPSCĬ P±C-P»CHC€C-C†C,CH PîP°C†C-C”PSC,C-PI (78 %, 14974 P· 19242) PsC,CĤPëPjCíPIP°P»Pë C%PsPSP°PNēPjPµPSC€Pµ PrPIP° P°PSC,PëPiC-PîPµCĤC,PµPSP·PëPIPS- P·P°C†PsP±Pë C- P»PëC€Pµ 15 % (1401 P· 9634) C,P° 9 % (857 P· 9608) PsC,CĤPëPjCíPIP°P»Pë PjPsPSPsC,PµCĤP°PîC-CĤ P°PjP»PsPrPëPîC-PSPsPj C,P° P°C,PµPSPsP»PsP»PsPj PIC-PrPîPsPIC-PrPSPs.

P”PsC†P»C-PrP¶PµPSPSCĬ P±CíP»Ps PrPsC†C,CĤPsPePsPIPs PîCĤPëPîPëPSPµPSPs PI C†PµCĤPµPrPSCĤPsPjCí C†PµCĤPµP· 5,5 CĤPsPeCí C†PîPsC†C,PµCĤPµP¶PµPSCĤ P·P° CĤC-C€PµPSPSCĬPj P P°PrPë P· PjPsPSC-C,PsCĤPëPSPiCí PrP°PSPëC... P· P±PµP·PîPµPePë (Data Safety Monitoring Board вĤ” DSMB), PsC†PeC-P»CHPePë C†PîPsC†C,PµCĤC-PîP°P»P°C†CĬ P·PSP°C†PSPs PIPëC%P° P»PµC,P°P»CHPSC-C†C,CH Cí PiCĤCíPîC-, PrPµ P·P°C†C,PsC†PsPICíPIP°P»P°C†CH C,PµCĤP°PîC-CĬ PSP° PsC†PSPsPIC- P°C,PµPSPsP»PsP»Cí, PîPsCĤC-PIPSCĬPSPs P· PiCĤCíPîPsCĤ P·P°C†C,PsC†CíPIP°PSPSCĬ P°PjP»PsPrPëPîC-PSCí.

P—P° CĤPµP·CíP»CHC,P°C,P°PjPë PrPsC†P»C-PrP¶PµPSPSCĬ PIC-PrP·PSP°C†P°P»PsC†CĬ PSPµPrPsC†C,PsPIC-CĤPSPµ P·PSPëP¶PµPSPSCĬ PîPµCĤPIPëPSPSPsC— PeC-PSC†PµPIPsC— C,PsC†PePë, C%Ps C†PeP»P°PrP°P»P°C†CĬ P· PSPµP»PµC,P°P»CHPSPsPiPs C-PSC,,P°CĤPeC,Cí PjC-PsPeP°CĤPrP° (PIPeP»CĤC†P°CĤC†Pë P±PµP·C†PëPjPîC,PsPjPSPëPNē C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP°) C,P° P»PµC,P°P»CHPSPëC... CíC†PeP»P°PrPSPµPSCĤ C-C€PµPjC-C†PSPsC— C...PIPsCĤPsP±Pë C†PµCĤC†CĬ (P†PĬPŸ), PSP° 10 % Cí PiCĤCíPîC- PîP°C†C-C”PSC,C-PI, CĬPeC- P·P°C†C,PsC†PsPICíPIP°P»Pë PePsPjP±C-PSP°C†C-CĤ P°PjP»PsPrPëPîC-PS/PîPµCĤPëPSPrPsPîCĤPëP», PîPsCĤC-PIPSCĬPSPs P· PiCĤCíPîPsCĤ P°C,PµPSPsP»PsP»/P±PµPSPrCĤPsC,,P»CíPjPµC,C-P°P·PëPr. PhPrPSP°Pe C†PîPsC†C,PµCĤC-PîP°P»PsC†CĬ PrPsC†C,PsPIC-CĤPSPµ P·PSPëP¶PµPSPSCĬ PIC†C-C... PîPsPeP°P·PSPëPeC-PI PIC,PsCĤPëPSPSPëC... PeC-PSC†PµPIPëC... C,PsC†PsPe (P·P° PIPëPSCĬC,PePsPj P»PµC,P°P»CHPSPsC— C,P° PSPµP»PµC,P°P»CHPSPsC— C†PµCĤC†PµPIPsC— PSPµPrPsC†C,P°C,PSPsC†C,C-) Cí PiCĤCíPîC- PîP°C†C-C”PSC,C-PI, CĬPeC- PsC,CĤPëPjCíPIP°P»Pë P°PjP»PsPrPëPîC-PS/PîPµCĤPëPSPrPsPîCĤPëP».

PĤC-PSC†PµPIC- C,PsC†PePë

P’C,PsCĤPëPSPSC- PeC-PSC†PµPIC- C,PsC†PePë	P—PSPëP¶PµPSPSCĬ PIC-PrPSPsC†PSPsPiPs CĤPëP·PëPeCí	95 % P”P†	CĤ
PĤPµP»PµC,P°P»CHPSPëPNē C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP° (PeCĤC-Pj P±PµP·C†PëPjPîC,PsPjPSPsPiPs) P»PµC,P°P»CHPSP° P†PĬPŸ	13 %	0,76вĤ”1,00	0,0458
P—P°PîP°P»CHPSP° PePsCĤPsPSP°CĤPSP° PeC-PSC†PµPIP° C,PsC†PeP°	13 %	0,79вĤ”0,96	0,007

P'C-PrP·PSP°C±P°C"C,CHCΓCЦ P»C-PSC-PMSPSP° P·P°P»PμP¶PSC-CΓC,CH PjC-P¶ PrPsP·PsCҺ PϊPμCҺPөPSPPrPsPϊCҺPөP»Cр C- PMPsPiPs PePsPSC†PμPSC,CҺP°C†C-C"CҺ Cр PϊP»P°P·PjC- PeCҺPsPIC-. PhP±BҺ™ C"Pj CҺPsP·PϊPsPrC-P»Cр PSPμP·PιBҺ™ CЦP·P°PSPsPiPs PϊPμCҺPөPSPPrPsPϊCҺPөP»P°C,Cр CΓC,P°PSPsPIPөC,CH PϊCҺPөP±P»PөP·PSPs 0,2 P»/PePi.

P—PιBҺ™ CЦP·CрPIP°PSPSCЦ PϊPμCҺPөPSPPrPsPϊCҺPөP»P°C,Cр P· P±C-P»PeP°PjPө PϊP»P°P·PjPө CΓC,P°PSPsPIPөC,CH 20 %, PiPsP»PsPIPSPөPj C†PөPSPsPj P· P°PSPiC-PsC,PμPSP·PөPSPiPμCҺPμC,PIPsCҺCҺPIP°P»CHPSPөPj C„PμCҺPjPμPSC,PsPj, P°P»Pμ C†PμPNө PϊPsPeP°P·PSPөPe C" PrPsP·PsP·P°P»PμP¶PSPөPj.

P'PөPIPμPrPμPSPSCЦ

PμPμCҺPөPSPPrPsPϊCҺPөP»P°C, PIPөPIPsPrPөC,CHCΓCЦ C-P· CΓPμC†PμCҺ. PμPμCҺC-PsPr PsCΓC,P°C,PsC†PSPsPiPs PSP°PiC-PIPIPөPIPμPrPμPSPSCЦ PSPμP·PιBҺ™ CЦP·P°PSPsC— C„CҺP°PeC†C-C— CΓC,P°PSPsPIPөC,CH PϊCҺPөP±P»PөP·PSPs 17 PiPsPrPөPS. PŸC,P°PrC-CЦ CҺC-PIPSPIP°P¶PSPsC— PePsPSC†PμPSC,CҺP°C†C-C— Cр PϊP»P°P·PjC- PeCҺPsPIC- PSP°CΓC,P°C" C†PμCҺPμP· 4 PrPSC- PIC-Pr PϊPsC†P°C,PeCр P»C-PeCрPIP°PSPSCЦ.

P'PөPIPμPrPμPSPSCЦ PϊPμCҺPөPSPPrPsPϊCҺPөP»P°C,Cр CрPϊPsPIC-P»CHPSCҺC"C,CHCΓCЦ Cр PϊP°C†C-C"PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCр, P° C,P°PePsP¶ Cр PϊP°C†C-C"PSC,C-PI C-P· CΓPμCҺC†PμPIPsCҺ P°P±Ps PSPөCҺPePsPIPsCҺ PSPμPrPsCΓC,P°C,PSC-CΓC,CH (PrPөPI. CҺPsP·PrC-P» B«PhCΓPsP±P»PөPIPsCΓC,C- P·P°CΓC,PsCΓCрPIP°PSPSCЦB»). PŸPsPjCр P·PIPөC†P°PNөPSPμ PjPμPrPөC†PSPμ CΓPϊPsCΓC,PμCҺPμP¶PμPSPSCЦ P±CрPrPμ PIPөP»CҺC†P°C,Pө C†P°CΓC,PөPNө PjPsPSC-C,PsCҺPөPSPi CҺC-PIPSCЦ PeCҺPμP°C,PөPSC-PSCр C,P° PeP°P»C-CҺ.

PμPμC†C-PSPePsPIP° PSPμPrPsCΓC,P°C,PSC-CΓC,CH

P"C-P°P»C-P·PSPөPNө PeP»C-CҺPμPSCΓ PϊPμCҺPөPSPPrPsPϊCҺPөP»P°C,Cр BҺ" 70 PjP»/C...PI.

PлC-PSPμC,PөPeP° PϊPμCҺPөPSPPrPsPϊCҺPөP»Cр P·PjC-PSCҺC"C,CHCΓCЦ Cз C...PIPsCҺPөC... PSP° C†PөCҺPsP· PϊPμC†C-PSPePө: PϊPμC†C-PSPePsPIPөPNө PeP»C-CҺPμPSCΓ PϊPμCҺPөPSPPrPsPϊCҺPөP»Cр P·PjPμPSC€CрC"C,CHCΓCЦ PIPrPIC-C†C-. PhPrPSP°Pe PeC-P»CHPeC-CΓC,CH PϊPμCҺPөPSPPrPsPϊCҺPөP»P°C,Cр, C%Ps CрC,PIPsCҺCҺC"C,CHCΓCЦ, PSPμ P·PjPμPSC€CрC"C,CHCΓCЦ. PhC,P¶Pμ, C,P°PePөPj C...PIPsCҺPөPj PSPμ PϊPsC,CҺC-P±PSPs PePsCҺPөPiCрPIP°C,Pө PrPsP·Cр (PrPөPI. CҺPsP·PrC-P» B«PhCΓPsP±P»PөPIPsCΓC,C- P·P°CΓC,PsCΓCрPIP°PSPSCЦB»).

PhPjP»PsPrPөPiC-PS

PhP±CΓPsCҺP±C†C-CЦ, CҺPsP·PϊPsPrC-P», P·PιBҺ™ CЦP·CрPIP°PSPSCЦ P· P±C-P»PeP°PjPө PϊP»P°P·PjPө

PμC-CΓP»CЦ PϊPμCҺPsCҺP°P»CHPSPsPiPs PϊCҺPөPNөPsPjCр C,PμCҺP°PϊPμPIC,PөC†PSPөC... PrPsP· P°PjP»PsPrPөPiC-PSCр PIC-PS PrPsP±CҺPμ PICΓPjPsPeC,CрC"C,CHCΓCЦ C- PrPsCΓCЦPiP°C" PjP°PeCΓPөPjP°P»CHPSPsC— PePsPSC†PμPSC,CҺP°C†C-C— Cр PeCҺPsPIC- C†PμCҺPμP· 6BҺ"12 PiPsPrPөPS PiC-CΓP»CЦ PϊCҺPөPNөPsPjCр. PhP±CΓPsP»CҺC,PSP° P±C-PsPrPsCΓC,CрPϊPSC-CΓC,CH CΓC,P°PSPsPIPөC,CH PIC-Pr 64 PrPs 80 %. PhP±BҺ™ C"Pj CҺPsP·PϊPsPrC-P»Cр CΓC,P°PSPsPIPөC,CH PϊCҺPөP±P»PөP·PSPs 21 P»/PePi. P"PсCΓP»C-PrP¶PμPSPSCЦ in vitro PϊCҺPsPrPμPjPsPSCΓC,CҺCрPIP°P»Pө, C%Ps PϊCҺPөP±P»PөP·PSPs 97,5 % C†PөCҺPeCрP»CҺCҺC†PsPiPs PI PeCҺPsPIC- P°PjP»PsPrPөPiC-PSCр P·PιBҺ™ CЦP·CрC"C,CHCΓCЦ P· P±C-P»PeP°PjPө PϊP»P°P·PjPө.

PuPsPIeH™ CUP·P°PSC- P· PiPμCηPēPSPτPsPiCηPēP»PsPj:

- $\text{P}^{\circ}\text{C}-\text{PrPIP}\ddot{\text{C}}\%_{\text{P}\mu}\text{PSP}^{\circ}\text{C}\ddagger\text{C}\acute{\text{r}}\text{C},\text{P}\rangle\text{P}\ddot{\text{E}}\text{PIC}-\text{C}\acute{\text{r}}\text{C},\text{CH}\text{ PrPs PiP}_{\mu}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{SPPrPsPiC}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{P}\rangle\text{C}\acute{\text{r}}\text{ P}^{\circ}\text{P}\pm\text{Ps PrPs P}\pm\text{C}\acute{\text{r}}\text{PrCH}-\text{C}\ddot{\text{I}}\text{PePeC}\dots\text{C}-\text{PSC}\epsilon\text{PeC}\dots\text{C}-\text{PSPiC}-\text{P}\pm\text{C}-\text{C},\text{PsC}\ddot{\text{H}}\text{C}-\text{PI P}\ddot{\text{H}}\text{P}_{\mu}\text{P}\alpha;$
- $\text{P}^{\circ}\text{PSPiC}-\text{PsPSP}_{\mu}\text{PIC}\ddot{\text{H}}\text{PsC},\text{P}\ddot{\text{E}}\text{C}\ddagger\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ PSP}^{\circ}\text{P}\pm\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{Pe PI P}^{\circ}\text{PSP}^{\circ}\text{PjPSP}_{\mu}\text{P}\cdot\text{C}-,\text{PiPsPi}\mathfrak{B}\ddot{\text{H}}^{\text{TM}}\text{C}\ddot{\text{I}}\text{P}\cdot\text{P}^{\circ}\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ P}\cdot\text{PiPsPiP}_{\mu}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{PrPSC}-\text{Pj P}\rangle\text{C}-\text{PeC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{Pj C}-\text{PSPiC}-\text{P}\pm\text{C}-\text{C},\text{PsC}\ddot{\text{H}}\text{P}^{\circ}\text{PjP}\ddot{\text{E}}\text{ P}\ddot{\text{H}}\text{P}_{\mu}\text{P}\alpha;$
- $\text{C}\acute{\text{r}}\text{C}\ddot{\text{H}}\text{PsPrP}\P_{\mu}\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ P}^{\circ}\text{P}\pm\text{Ps C}-\text{PrC}-\text{PsPiP}^{\circ}\text{C},\text{P}\ddot{\text{E}}\text{C}\ddagger\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ P}^{\circ}\text{PSPiC}-\text{PsPSP}_{\mu}\text{PIC}\ddot{\text{H}}\text{PsC},\text{P}\ddot{\text{E}}\text{C}\ddagger\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ PSP}^{\circ}\text{P}\pm\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{Pe};$
- $\text{PIP}^{\circ}\text{PiC}-\text{C},\text{PSC}-\text{C}\acute{\text{r}}\text{C},\text{CH}\text{ P}^{\circ}\text{P}\pm\text{Ps PiP}\rangle\text{P}^{\circ}\text{PSC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{ PIP}^{\circ}\text{PiC}-\text{C},\text{PSPsC}\acute{\text{r}}\text{C},\text{C}-\text{(PrP}\ddot{\text{E}}\text{PI. C}\ddot{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{ B}\langle\text{P}-\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{ C}\acute{\text{r}}\text{ PiP}_{\mu}\text{C}\ddot{\text{H}}\text{C}-\text{PsPr PIP}^{\circ}\text{PiC}-\text{C},\text{PSPsC}\acute{\text{r}}\text{C},\text{C}-\text{P}^{\circ}\text{P}\pm\text{Ps PiPsPrC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{ PiC}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{PrPrCHB}\rangle\rangle);$
- $\text{PsPrPSPsC}\ddagger\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PSP}_{\mu}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{ P}\cdot\text{P}\rangle\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{CHPeP}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{E}},\text{C}\ddot{\text{I}}\text{PeC}-\text{PjC}-\text{C}\acute{\text{r}}\text{C},\text{C}\ddot{\text{I}}\text{C},\text{CH}\text{ PrC}-\text{CHC}\ddagger\text{C}\acute{\text{r}}\text{ C}\ddot{\text{H}}\text{P}_{\mu}\text{C}\ddagger\text{PsPIP}\ddot{\text{E}}\text{PSC}\acute{\text{r}}\text{ P}^{\circ}\text{P}\rangle\text{C}-\text{C}\acute{\text{r}}\text{PeC}-\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{PS},\text{PiP}^{\circ}\text{C}\dagger\text{C}-\text{C}''\text{PSC},\text{P}^{\circ}\text{Pj P}\cdot\text{C}\dagger\text{C}\acute{\text{r}}\text{PeC}\ddot{\text{H}}\text{PsPIP}\ddot{\text{E}}\text{Pj PrC}-\text{P}^{\circ}\text{P}\pm\text{P}_{\mu}\text{C},\text{PsPj P}^{\circ}\text{P}\pm\text{Ps PSP}\ddot{\text{E}}\text{C}\ddot{\text{H}}\text{PePsPIPsCH}\text{ PSP}_{\mu}\text{PrPsC}\acute{\text{r}}\text{C},\text{P}^{\circ}\text{C},\text{PSC}-\text{C}\acute{\text{r}}\text{C},\text{CH}\text{ (C}\epsilon\text{PIP}\ddot{\text{E}}\text{PrPeC}-\text{C}\acute{\text{r}}\text{C},\text{CH}\text{ PeP}\rangle\text{C}\acute{\text{r}}\text{P}\pm\text{PsC}\ddagger\text{PePsPIPsC}-\text{C}_{\text{e}},\text{C}-\text{P}\rangle\text{CHC},\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C}\dagger\text{C}-\text{C}-\text{< }60\text{ PjP}\rangle\text{C}\dots\text{PI}/1,73\text{ Pj}^2)\text{ (PrP}\ddot{\text{E}}\text{PI. C}\ddot{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{ B}\langle\text{P}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{C}\ddot{\text{I}}\text{ P}\cdot\text{C}-\text{PSC}\epsilon\text{P}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\rangle\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{CHPeP}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{E}}\text{ C},\text{P}^{\circ}\text{C}-\text{PSC}\epsilon\text{C}-\text{PIP}\ddot{\text{E}}\text{PrP}\ddot{\text{E}}\text{ PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{PN}_{\text{e}}\text{B}\rangle\rangle);$
- $\text{PsPrPSPsC}\ddagger\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PSP}_{\mu}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{ P}\cdot\text{C}\acute{\text{r}}\text{P}^{\circ}\text{PeC}\acute{\text{r}}\text{P}\pm\text{C}-\text{C},\text{C}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{P}\rangle\text{PsPj/PIP}^{\circ}\text{P}\rangle\text{C}\acute{\text{r}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C},\text{P}^{\circ}\text{PSPsPj. P}\ddot{\text{H}}\text{P}_{\text{H}}-\text{P}\ddot{\text{H}}\text{P}\rangle\text{P}\dagger\text{P}\ddot{\text{Y}}\text{P}\cdot\text{P}\text{ PSP}_{\mu}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{PsPIC}\acute{\text{r}}\text{PIP}^{\circ}\text{C},\text{P}\ddot{\text{E}}\text{ C}\ddot{\text{H}}\text{P}^{\circ}\text{PSC}-\text{C}\epsilon\text{P}_{\mu}\text{ PSC}-\text{P}\P\text{ C}\ddagger\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{P}\cdot\text{36 PiPsPrP}\ddot{\text{E}}\text{PS PiC}-\text{C}\acute{\text{r}}\text{P}\rangle\text{C}\ddot{\text{I}}\text{ PiC}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{PN}_{\text{e}}\text{PsPjC}\acute{\text{r}}\text{ PsC}\acute{\text{r}}\text{C},\text{P}^{\circ}\text{PSPSCH}\text{PsC}-\text{PrPsP}\cdot\text{P}\ddot{\text{E}}\text{ C}\acute{\text{r}}\text{P}^{\circ}\text{PeC}\acute{\text{r}}\text{P}\pm\text{C}-\text{C},\text{C}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{P}\rangle\text{C}\acute{\text{r}}\text{/PIP}^{\circ}\text{P}\rangle\text{C}\acute{\text{r}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C},\text{P}^{\circ}\text{PSC}\acute{\text{r}}\text{ (PrP}\ddot{\text{E}}\text{PI. C}\ddot{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{P}\ddot{\text{E}}\text{ B}\langle\text{PhC}\acute{\text{r}}\text{PsP}\pm\text{P}\rangle\text{P}\ddot{\text{E}}\text{PIPsC}\acute{\text{r}}\text{C},\text{C}-\text{P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{B}\rangle\text{ C}-\text{B}\langle\text{P}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{C}\ddot{\text{I}}\text{ P}\cdot\text{C}-\text{PSC}\epsilon\text{P}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\rangle\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{CHPeP}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{E}}\text{ C},\text{P}^{\circ}\text{C}-\text{PSC}\epsilon\text{C}-\text{PIP}\ddot{\text{E}}\text{PrP}\ddot{\text{E}}\text{ PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{PN}_{\text{e}}\text{B}\rangle\rangle);$
- $\text{P}_{\mu}\text{PeC}\acute{\text{r}}\text{C},\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{PePsC}\ddot{\text{H}}\text{PiPsC}\ddot{\text{H}}\text{P}^{\circ}\text{P}\rangle\text{CH}\text{PSC}-\text{PjP}_{\mu}\text{C},\text{PsPrP}\ddot{\text{E}}\text{ P}\rangle\text{C}-\text{PeC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{, C}\ddot{\text{I}}\text{PeC}-\text{PiC}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{P}\cdot\text{PIPsPrC}\ddot{\text{I}}\text{C},\text{CH}\text{ PrPs PePsPSC},\text{P}^{\circ}\text{PeC},\text{C}\acute{\text{r}}\text{ PeC}\ddot{\text{H}}\text{PsPIC}-\text{P}\cdot\text{PSP}_{\mu}\text{PiP}^{\circ}\text{C},\text{P}\ddot{\text{E}}\text{PIPsP}\text{ P}\cdot\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{PrP}\P_{\mu}\text{PSP}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ PiPsPIP}_{\mu}\text{C}\ddot{\text{H}}\text{C}\dots\text{PSC}\ddot{\text{I}}\text{PjP}\ddot{\text{E}}\text{ (PrP}\ddot{\text{E}}\text{PI. C}\ddot{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{ B}\langle\text{P}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{C}\ddot{\text{I}}\text{ P}\cdot\text{C}-\text{PSC}\epsilon\text{P}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\rangle\text{C}-\text{PeP}^{\circ}\text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{CHPeP}\ddot{\text{E}}\text{PjP}\ddot{\text{E}}\text{ P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{E}}\text{ C},\text{P}^{\circ}\text{C}-\text{PSC}\epsilon\text{C}-\text{PIP}\ddot{\text{E}}\text{PrP}\ddot{\text{E}}\text{ PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC}-\text{PN}_{\text{e}}\text{B}\rangle\rangle);$
- $\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ PrPIPsP}\pm\text{C}-\text{C}\ddagger\text{PSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ C}\acute{\text{r}}\text{C},\text{P}_{\mu}\text{PSPsP}\cdot\text{PSP}\ddot{\text{E}}\text{C}\ddot{\text{H}}\text{PePsPIP}\ddot{\text{E}}\text{C}\dots\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C},\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}-\text{PN}_{\text{e}}\text{ P}^{\circ}\text{P}\pm\text{Ps C}\acute{\text{r}}\text{C},\text{P}_{\mu}\text{PSPsP}\cdot\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{C},\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}-\text{C}-\text{C}''\text{PrP}\ddot{\text{E}}\text{PSPsC}-\text{C}_{\text{e}},\text{C}\acute{\text{r}}\text{PSPeC}\dagger\text{C}-\text{PsPSC}\acute{\text{r}}\text{CHC}\ddagger\text{PsC}-\text{PSP}\ddot{\text{E}}\text{C}\ddot{\text{H}}\text{PeP}\ddot{\text{E}}\text{ (PrP}\ddot{\text{E}}\text{PI. C}\ddot{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{ B}\langle\text{PhC}\acute{\text{r}}\text{PsP}\pm\text{P}\rangle\text{P}\ddot{\text{E}}\text{PIPsC}\acute{\text{r}}\text{C},\text{C}-\text{P}\cdot\text{P}^{\circ}\text{C}\acute{\text{r}}\text{C},\text{PsC}\acute{\text{r}}\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\ddot{\text{I}}\text{B}\rangle\rangle).$

$\text{P}_{\mu}\text{PsPi}\mathfrak{B}\ddot{\text{H}}^{\text{TM}}\text{C}\ddot{\text{I}}\text{P}\cdot\text{P}^{\circ}\text{PSC}-\text{P}\cdot\text{P}^{\circ}\text{PjP}\rangle\text{PsPrP}\ddot{\text{E}}\text{PiC}-\text{PSPsPj};$

- $\text{C},\text{C}\ddot{\text{I}}\text{P}\P_{\text{e}}\text{P}^{\circ}\text{ P}^{\circ}\text{C}\ddot{\text{H}}\text{C},\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{C}-\text{P}^{\circ}\text{P}\rangle\text{CH}\text{PSP}^{\circ}\text{ PiC}-\text{PiPsC},\text{P}_{\mu}\text{PSP}\cdot\text{C}-\text{C}\ddot{\text{I}};$
- $\text{PiC}-\text{PrPIP}\ddot{\text{E}}\text{C}\%_{\text{P}\mu}\text{PSP}^{\circ}\text{C}\ddagger\text{C}\acute{\text{r}}\text{C},\text{P}\rangle\text{P}\ddot{\text{E}}\text{PIC}-\text{C}\acute{\text{r}}\text{C},\text{CH}\text{ PrPs P}^{\circ}\text{PjP}\rangle\text{PsPrP}\ddot{\text{E}}\text{PiC}-\text{PSC}\acute{\text{r}}\text{ P}^{\circ}\text{P}\pm\text{Ps PrPs PiPsC}\dots\text{C}-\text{PrPSP}\ddot{\text{E}}\text{C}\dots\text{PrP}\ddot{\text{E}}\text{PiC}-\text{PrC}\ddot{\text{H}}\text{PsPiC}-\text{C}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{PrP}\ddot{\text{E}}\text{PSC}\acute{\text{r}};$
- $\text{C}\epsilon\text{PsPe},\text{PIPeP}\rangle\text{CHC}\ddagger\text{P}^{\circ}\text{CHC}\ddagger\text{P}\ddot{\text{E}}\text{ PeP}^{\circ}\text{C}\ddot{\text{H}}\text{PrC}-\text{PsPiP}_{\mu}\text{PSPSP}\ddot{\text{E}}\text{PN}_{\text{e}}\text{ C}\epsilon\text{PsPe};$
- $\text{PsP}\pm\text{C}\acute{\text{r}}\text{C},\text{C}\ddot{\text{H}}\text{C}\acute{\text{r}}\text{PeC}\dagger\text{C}-\text{C}\ddot{\text{I}}\text{ PIP}\ddot{\text{E}}\text{C}\dots\text{PsPrC}\acute{\text{r}}\text{ P}\cdot\text{P}\rangle\text{C}-\text{PIPsPiPs C}\epsilon\text{P}\rangle\text{C}\acute{\text{r}}\text{PSPsC}\ddagger\text{PeP}^{\circ}\text{ (PSP}^{\circ}\text{PiC}\ddot{\text{H}}\text{P}\ddot{\text{E}}\text{PeP}\rangle\text{P}^{\circ}\text{Pr},\text{C}\acute{\text{r}}\text{C},\text{P}_{\mu}\text{PSPsP}\cdot\text{P}^{\circ}\text{PsC}\ddot{\text{H}}\text{C},\text{P}\ddot{\text{E}}\text{ C},\text{C}\ddot{\text{I}}\text{P}\P_{\text{e}}\text{PsPiPs C}\acute{\text{r}}\text{C},\text{C}\acute{\text{r}}\text{PiP}_{\mu}\text{PSC}\ddot{\text{I}});$

PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC† C-PSPiC-P±C-C,PsC†C-PI PhPrμPα P·C†P°C†PμPeP°PrPsC,C†PëP»PsPj, C-PSPiC-P±C-C,PsC†P°PjPë mTOR, (PSP°PiC†PëPeP»P°PrC†PëC†PsP»C-PjC†C†PsPj, PuPIPuC†PsP»C-PjC†C†PsPj, C,PuPjC†PëC†PsP»C-PjC†C†PsPj) C,P°

PiP»C-PiC,PëPSP°PjPë (PSP°PiCḡPëPeP»P°Pr P»C-PSP°PiP»C-PiC,PëPSPsPj,
CḡP°PeCḡP°PiP»C-PiC,PëPSPsPj, CḡPëC,P°PiP»C-PiC,PëPSPsPj,
PIC-P»CHPrP°PiP»C-PiC,PëPSPsPj) PjPsPḡPḡ PiCḡPëP·PIPḡCḡC,Pë PrPs
PiC-PrPIPëC%PḡPSPSCḡ CḡPëP·PëPeCḡ CḡPsP·PIPëC,PeCḡ
P°PSPiC-PsPSPḡPICḡPsC,PëC±PSPsPiPs PSP°P±CḡCḡPeCḡ (PrPëPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pë, C%Ps CḡPiCḡPëC±PëPSCḡCḡC,CH
PiC-PiPḡCḡPeP°P»C-C°PjC-Cḡ. P C-PIPḡPSCḡ PeP°P»C-Cḡ PI CḡPëCḡPsPIP°C,CḡC-
PeCḡPsPIC- P·P°P·PIPëC±P°PNḡ P·P°P»PëCḡP°C°C,CHCḡCḡ Cḡ PjPḡPḡP°C... PSPsCḡPjPë,
P°P»Pḡ Cḡ PrPḡCḡPePëC... PiP°CḡC-C°PSC,C-PI, CḡPeC- P·P°CḡC,PsCḡPsPICḡCḡC,CH
P»C-PeP°CḡCḡCHPePëPNḡ P·P°CḡC-P± PhPḡ-PhP·PḡPḡP·P , PjPsPḡPḡ
PIPëPSPëPePSCḡC,Pë PiC-PiPḡCḡPeP°P»C-C°PjC-Cḡ. P°PḡCḡPeC- P»C-PeP°CḡCḡCHPeC-
P·P°CḡPsP±Pë P°P±Ps C,PḡCḡP°PiPḡPIC,PëC±PSC- PeP»P°CḡPë P»C-PeP°CḡCḡCHPePëC...
P·P°CḡPsP±C-PI PjPsPḡCḡC,CH CḡPiCḡPëC±PëPSPëC,Pë PiC-PiPḡCḡPeP°P»C-C°PjC-Cḡ, P°
CḡP°PjPḡ: P°P»C-CḡPeC-CḡPḡPS, CḡPsP»C- PeP°P»C-Cḡ, PeP°P»C-PNḡP·P±PḡCḡ-PiP°CḡC±C-
PrC-CḡCḡPḡC,PëPePë (PSP°PiCḡPëPeP»P°Pr CḡPiC-CḡPsPSPsP»P°PeC,PsPS,
C,CḡPëP°PjC,PḡCḡPḡPS P°P±Ps P°PjC-P»PsCḡPëPr), C-PSPiC-P±C-C,PsCḡPë PhPḡPḡ,
P°PSC,P°PiPsPSC-CḡC,Pë CḡPḡCḡPḡPiC,PsCḡC-PI P°PSPiC-PsC,PḡPSP·PëPSCḡ PḡPḡ,
PSPḡCḡC,PḡCḡPsC-PrPSC- PiCḡPsC,PëP·P°PiP°P»CHPSC- P·P°CḡPsP±Pë (PḡPḡP-P-),
PiPḡPiP°CḡPëPSPë, C-PjCḡPSPsCḡCḡPiCḡPḡCḡPsCḡPë, C,P°PeC- CḡPe
CḡPëPeP»PsCḡPiPsCḡPëPS P°P±Ps C,P°PeCḡPsP»C-PjCḡCḡ, C,CḡPëPjPḡC,PsPiCḡPëPj
C,P° PePs-C,CḡPëPjPsPeCḡP°P·PsP»
(C,CḡPëPjPḡC,PsPiCḡPëPj/CḡCḡP»CHC,,P°PjPḡC,PsPeCḡP°P·PsP»), PsCḡPeC-P»CHPePë
C,CḡPëPjPḡC,PsPiCḡPëPj PrC-C° CḡPe PeP°P»C-PNḡP·P±PḡCḡ-PiP°CḡC±PëPNḡ
PrC-CḡCḡPḡC,PëPe, PiPsPrC-P±PSPs PrPs P°PjC-P»PsCḡPëPrCḡ. PhPrPSPsC±P°CḡPSPëPNḡ
PiCḡPëPNḡPsPj PIPeP°P·P°PSPëC... P»C-PeP°CḡCḡCHPePëC... P·P°CḡPsP±C-PI
PiC-PrPIPëC%CḡC° CḡPëP·PëPe PIPëPSPëPePSPḡPSPSCḡ PiC-PiPḡCḡPeP°P»C-C°PjC-C—.
PḡPsPjCḡ PsPrPSPsC±P°CḡPSPḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCHPePsPiPs
P·P°CḡPsP±Cḡ PhPḡ-PhP·PḡPḡP·P P· PIPëC%PḡP·P°P·PSP°C±PḡPSPëPjPë
P»C-PeP°CḡCḡCHPePëPjPë P·P°CḡPsP±P°PjPë PSPḡ CḡPḡPePsPjPḡPSPPrPsPIP°PSPs. PiPeC%Ps
PsPrPSPsC±P°CḡPSPḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPëC... CḡPḡCḡPsPIPëPS C°
PSPḡPsP±C...C-PrPSPëPj, C—C... CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P·
PsP±PḡCḡPḡPḡPSC-CḡC,Cḡ C,P° PiCḡPsPIPPrPëC,Pë C±P°CḡC,PëPNḡ PjPsPSC-C,PsCḡPëPSPi
PeP°P»C-Cḡ Cḡ CḡPëCḡPsPIP°C,CḡC- PeCḡPsPIC-.

PhPrPSPsC±P°CḡPSPḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PiCḡPsC,PëPiPsPeP°P·P°PSPs
(PrPëPI. CḡPsP·PrC-P» B«PḡCḡPsC,PëPiPsPeP°P·P°PSPSCḡB»)

PhP»C-CḡPeC-CḡPḡPS. Pj PiP°CḡC-C°PSC,C-PI, C...PiPsCḡPëC... PSP° CḡCḡPeCḡPsPIPëPNḡ
PrC-P°P±PḡC,, P°P±Ps PiP°CḡC-C°PSC,C-PI P· PiPsCḡCḡCḡPḡPSPsCḡ C,,CḡPSPeCḡC-C°Cḡ
PSPëCḡPsPe CḡPëP·PëPe PIPëPSPëPePSPḡPSPSCḡ PiC-PiPḡCḡPeP°P»C-C°PjC-C—,
PiPsPiC-CḡCḡPḡPSPSCḡ C,,CḡPSPeCḡC-C— PSPëCḡPsPe C,P°
PeP°CḡPrC-PsPIP°CḡPeCḡP»CḡCḡPSPsC— P·P°C...PiPsCḡCḡPIP°PSPsCḡC,C- C-
P»PḡC,P°P»CHPSPsCḡC,C- PiC-PrPIPëC%CḡC°C,CHCḡCḡ.

P·PeCḡC,CḡP°PePsCḡPiPsCḡP°P»CHPSC- PjPḡC,PsPrPë P»C-PeCḡPIP°PSPSCḡ.
P·PeCḡC,CḡP°PePsCḡPiPsCḡP°P»CHPSC- PjPḡC,PsPrPë P»C-PeCḡPIP°PSPSCḡ, CḡPeC-
PiCḡPëP·PiPsPrCḡC,CH PrPs PePsPSC,P°PeC,Cḡ PeCḡPsPIC- P· PSPḡPiP°C,PëPIPSPs
P·P°CḡCḡPrPḡPḡPSPëPjPë PiPsPIPḡCḡC...PSCḡPjPë, C,P°PeC- CḡPe PrC-P°P»C-P·

$P^{\circ}P \pm Ps \text{ PiP}_{\mu}P_jPsC, C-P \gg CHC, C\bar{H}P^{\circ}C \dagger C-C\bar{I} \text{ } C-P \cdot PIP\ddot{e}PePsC\bar{H}P\ddot{e}C\bar{I}C, P^{\circ}PSPSC\bar{I}P_j$
 $P\ddot{i}P_{\mu}PIPSP\ddot{e}C... P_jP_{\mu}P_jP \pm C\bar{H}P^{\circ}PS \text{ } C-P \cdot PIP\ddot{e}C\bar{I}PsPePsC\bar{H} \text{ } PiC-PrC\bar{H}P^{\circ}PIP \gg C-C \dagger PSPsC\bar{H}$
 $P\ddot{i}C\bar{H}PsPSP\ddot{e}PePSC-C\bar{I}C, C\bar{H} (PSP^{\circ}P\ddot{i}C\bar{H}P\ddot{e}PeP \gg P^{\circ}Pr,$
 $P\ddot{i}PsP \gg C-P^{\circ}PeC\bar{H}P\ddot{e}P \gg PsPSC-C, C\bar{H}P\ddot{e}P \gg PsPIP\ddot{e}C...) \text{ } C, P^{\circ} \text{ } P^{\circ}C, P_{\mu}C\bar{H}P_{\mu}P \cdot$
 $P \gg C-P\ddot{i}PsP\ddot{i}C\bar{H}PsC, P_{\mu}C-PrC-PI \text{ } PSP\ddot{e}P \cdot CHPePsC- \text{ } C\%C-P \gg CHPsPSC\bar{I}C, C- \text{ } C-P \cdot$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I}P_j \text{ } PrP_{\mu}PeC\bar{I}C, C\bar{H}P^{\circ}PSC\bar{r} \text{ } C\bar{I}C\bar{r}P \gg CHC, P^{\circ}C, C\bar{r},$
 $P\ddot{i}C-PrPIP\ddot{e}C\%C\bar{r}C\bar{H}C, CH \text{ } C\bar{H}P\ddot{e}P \cdot P\ddot{e}Pe \text{ } C\bar{H}PsP \cdot PIP\ddot{e}C, PeC\bar{r}$
 $P^{\circ}PSP^{\circ}C, C-P \gg P^{\circ}PeC, PsC-PrPSP\ddot{e}C... \text{ } C\bar{H}P_{\mu}P^{\circ}PeC \dagger C-PN_{\bar{e}} \text{ } C, C\bar{I}P\bar{I}PePsPiPs$
 $C\bar{I}C, C\bar{r}P\ddot{i}P_{\mu}PSC\bar{I} \text{ } (PrP\ddot{e}PI. \text{ } C\bar{H}PsP \cdot PrC-P \gg \text{ } B \langle P_{\mu}C\bar{H}PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\bar{I}B \rangle).$ PJ
 $C\bar{H}P^{\circ}P \cdot C- \text{ } PSP_{\mu}PsP \pm C...C-PrPSPsC\bar{I}C, C- \text{ } P\ddot{i}C\bar{H}PsPIP_{\mu}PrP_{\mu}PSPSC\bar{I} \text{ } C, P^{\circ}PePsPiPs$
 $P \gg C-PeC\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } C\bar{I}P \gg C-Pr \text{ } C\bar{H}PsP \cdot PiP \gg C\bar{I}PSC\bar{r}C, P\ddot{e} \text{ } P_jPsP\bar{I}P \gg P\ddot{e}PIC-C\bar{I}C, CH$
 $PIP\ddot{e}PePsC\bar{H}P\ddot{e}C\bar{I}C, P^{\circ}PSPSC\bar{I} \text{ } PrC-P^{\circ}P \gg C-P \cdot PSPsC- \text{ } P_jP_{\mu}P_jP \pm C\bar{H}P^{\circ}PSP\ddot{e} \text{ } C-PSC\bar{e}PsPiPs$
 $C, P\ddot{e}P\ddot{i}C\bar{r} \text{ } P^{\circ}P \pm Ps \text{ } P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } C-PSC\bar{e}PsPiPs \text{ } PeP \gg P^{\circ}C\bar{I}C\bar{r}$
 $P^{\circ}PSC, P\ddot{e}PiC-P\ddot{i}P_{\mu}C\bar{H}C, P_{\mu}PSP \cdot P\ddot{e}PIPSP\ddot{e}C... \text{ } P \cdot P^{\circ}C\bar{I}PsP \pm C-PI.$

$P\bar{k}P_{\mu} \text{ } C\bar{H}P_{\mu}PePsP_jP_{\mu}PSPrC\bar{e}C''C, CHC\bar{I}C\bar{I} \text{ } PsPrPSPsC \dagger P^{\circ}C\bar{I}PSP_{\mu} \text{ } P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{e}PIP^{\circ}PSPSC\bar{I} \text{ } (PrP\ddot{e}PI. \text{ } C\bar{H}PsP \cdot PrC-P \gg \text{ } B \langle PhC\bar{I}PsP \pm P \gg P\ddot{e}IPsC\bar{I}C, C- \text{ } P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{e}PIP^{\circ}PSPSC\bar{I}B \rangle)$

$P\bar{h}P \gg C-C\bar{I}PeC-C\bar{H}P_{\mu}PS. \text{ } PJ \text{ } P \pm C\bar{r}PrCH-C\bar{I}PeP\ddot{e}C... \text{ } C-PSC\bar{e}P\ddot{e}C... \text{ } P\ddot{i}P^{\circ}C \dagger C-C''PSC, C-PI, C\bar{I}Pe \text{ } C- \text{ } C\bar{r}$
 $C...PIPsC\bar{H}P\ddot{e}C... \text{ } PSP^{\circ} \text{ } C \dagger C\bar{r}PeC\bar{H}PsPIP\ddot{e}PN_{\bar{e}} \text{ } PrC-P^{\circ}P \pm P_{\mu}C, \text{ } P^{\circ}P \pm Ps \text{ } P\ddot{i}P^{\circ}C \dagger C-C''PSC, C-PI \text{ } P \cdot$
 $P\ddot{i}PsC\bar{H}C\bar{r}C\bar{e}P_{\mu}PSPsC\bar{H} \text{ } C, C\bar{r}PSPeC \dagger C-C''C\bar{H} \text{ } PSP\ddot{e}C\bar{H}PsPe, \text{ } C\bar{H}P\ddot{e}P \cdot P\ddot{e}Pe \text{ } PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\bar{I}$
 $PiC-P\ddot{i}P_{\mu}C\bar{H}PeP^{\circ}P \gg C-C''P_jC-C-, \text{ } P\ddot{i}PsPiC-C\bar{H}C\bar{e}P_{\mu}PSPSC\bar{I} \text{ } C, C\bar{r}PSPeC \dagger C-C- \text{ } PSP\ddot{e}C\bar{H}PsPe \text{ } C, P^{\circ}$
 $PeP^{\circ}C\bar{H}PrC-PsPIP^{\circ}C\bar{I}PeC\bar{r}P \gg C\bar{I}C\bar{H}PSPsC- \text{ } P \cdot P^{\circ}C...PIPsC\bar{H}C\bar{H}PIP^{\circ}PSPsC\bar{I}C, C- \text{ } C-$
 $P \gg P_{\mu}C, P^{\circ}P \gg CHPsPSC\bar{I}C, C- \text{ } P\ddot{i}C-PrPIP\ddot{e}C\%C\bar{r}C''C, CHC\bar{I}C\bar{I}.$

$P-P^{\circ} \text{ } PsP\ddot{i}C\bar{r}P \pm P \gg C-PePsPIP^{\circ}PSP\ddot{e}P_jP\ddot{e} \text{ } PrP^{\circ}PSP\ddot{e}P_jP\ddot{e} \text{ } PIC-PrPsP_jPs, \text{ } C\%Ps \text{ } C\bar{r}$
 $P\ddot{i}P^{\circ}C \dagger C-C''PSC, C-PI \text{ } P \cdot C- \text{ } PIC\bar{I}C, P^{\circ}PSPsPIP \gg P_{\mu}PSP\ddot{e}P_j \text{ } P^{\circ}C, P_{\mu}C\bar{H}PsC\bar{I}PeP \gg P_{\mu}C\bar{H}PsP \cdot PsP_j,$
 $C\bar{I}P_{\mu}C\bar{H}C \dagger P_{\mu}PIPsC\bar{H} \text{ } PSP_{\mu}PrPsC\bar{I}C, P^{\circ}C, PSC-C\bar{I}C, C\bar{H} \text{ } P^{\circ}P \pm Ps \text{ } C \dagger C\bar{r}PeC\bar{H}PsPIP\ddot{e}P_j$
 $PrC-P^{\circ}P \pm P_{\mu}C, PsP_j \text{ } P \cdot \text{ } C\bar{r}C\bar{H}P^{\circ}P\bar{I}P_{\mu}PSPSC\bar{I}P_j \text{ } PsC\bar{H}PiP^{\circ}PSC-PI-P_jC-C\bar{e}P_{\mu}PSP_{\mu}PN_{\bar{e}}$
 $PsPrPSPsC \dagger P^{\circ}C\bar{I}PSP_{\mu} \text{ } P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC\bar{I} \text{ } C-PSPiC-P \pm C-C, PsC\bar{H}C-PI \text{ } P\bar{h}P_{\mu}P_{\mu} \text{ } C-$
 $P \pm P \gg PsPeP^{\circ}C, PsC\bar{H}C-PI \text{ } C\bar{H}P_{\mu}C \dagger P_{\mu}PiC, PsC\bar{H}C-PI \text{ } P^{\circ}PSPiC-PsC, P_{\mu}PSP \cdot P\ddot{e}PSC\bar{r}$
 $C\bar{I}C\bar{r}P\ddot{i}C\bar{H}PsPIP_sPrP\bar{I}C\bar{r}PIP^{\circ}P \gg PsC\bar{I}C\bar{I} \text{ } P\ddot{i}C-PrPIP\ddot{e}C\%P_{\mu}PSPSC\bar{I}P_j \text{ } C \dagger P^{\circ}C\bar{I}C, PsC, P\ddot{e}$
 $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\bar{I} \text{ } P^{\circ}C\bar{H}C, P_{\mu}C\bar{H}C-P^{\circ}P \gg CHPsPSC- \text{ } PiC-P\ddot{i}PsC, P_{\mu}PSP \cdot C-C-,$
 $PSP_{\mu}P\ddot{i}C\bar{H}P\ddot{e}C, PsP_jPSPsC\bar{I}C, C-, \text{ } PiC-P\ddot{i}P_{\mu}C\bar{H}PeP^{\circ}P \gg C-C''P_jC-C- \text{ } C, P^{\circ} \text{ } P\ddot{i}PsPiC-C\bar{H}C\bar{e}P_{\mu}PSPSC\bar{I}P_j$
 $C, C\bar{r}PSPeC \dagger C-C- \text{ } PSP\ddot{e}C\bar{H}PsPe \text{ } (C\bar{r} \text{ } C, PsP_jC\bar{r} \text{ } C \dagger P\ddot{e}C\bar{I}P \gg C- \text{ } PiPsC\bar{I}C, C\bar{H}PsC- \text{ } PSP\ddot{e}C\bar{H}PePsPIPsC- \text{ } PSP_{\mu}PrPsC\bar{I}C, P^{\circ}C, PSPsC\bar{I}C, C-) \text{ } P\ddot{i}PsC\bar{H}C-PIPSC\bar{I}PSPs \text{ } P \cdot \text{ } P_jPsPSPsC, P_{\mu}C\bar{H}P^{\circ}PiC-C''C\bar{H}$
 $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CHPeP\ddot{e}P_jP\ddot{e} \text{ } P \cdot P^{\circ}C\bar{I}PsP \pm P^{\circ}P_jP\ddot{e}, \text{ } C\%Ps \text{ } PIP\ddot{i}P \gg P\ddot{e}PIP^{\circ}C\bar{H}C, CH \text{ } PSP^{\circ} \text{ } C\bar{H}P_{\mu}PSC-PS-$
 $P^{\circ}PSPiC-PsC, P_{\mu}PSP \cdot P\ddot{e}PS-P^{\circ}P \gg CHPrPsC\bar{I}C, P_{\mu}C\bar{H}PsPSPsPIC\bar{r} \text{ } C\bar{I}P\ddot{e}C\bar{I}C, P_{\mu}P_jC\bar{r}.$
 $P_{\mu}PsPrPIC-PN_{\bar{e}}PSP^{\circ} \text{ } P \pm P \gg PsPeP^{\circ}PrP^{\circ} \text{ } (C, PsP \pm C, Ps \text{ } PePsP_jP \pm C-PSP^{\circ}C \dagger C-C\bar{I} \text{ } C-PSPiC-P \pm C-C, PsC\bar{H}C\bar{r} \text{ } P\bar{h}P_{\mu}P_{\mu} \text{ } P \cdot \text{ } P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, P^{\circ}P_jP\ddot{e} \text{ } C\bar{H}P_{\mu}C \dagger P_{\mu}PiC, PsC\bar{H}C-PI$
 $P^{\circ}PSPiC-PsC, P_{\mu}PSP \cdot P\ddot{e}PSC\bar{r} \text{ } P \dagger P \dagger) \text{ } P_jPsP\bar{I}P_{\mu} \text{ } P \pm C\bar{r}C, P\ddot{e} \text{ } P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIP^{\circ}PSP^{\circ} \text{ } PI$
 $C-PSPrP\ddot{e}PIC-PrC\bar{r}P^{\circ}P \gg CHPsP\ddot{e}C... \text{ } PIP\ddot{e}P\ddot{i}P^{\circ}PrPeP^{\circ}C... \text{ } P \cdot \text{ } C\bar{H}P_{\mu}C, P_{\mu}P \gg CHPsP\ddot{e}P_j$
 $PePsPSC, C\bar{H}PsP \gg P_{\mu}P_j \text{ } C, C\bar{r}PSPeC \dagger C-C- \text{ } PSP\ddot{e}C\bar{H}PsPe, \text{ } C\bar{H}C-PIPSC\bar{I} \text{ } PeP^{\circ}P \gg C-C\bar{H} \text{ } C, P^{\circ}$
 $P^{\circ}C\bar{H}C, P_{\mu}C\bar{H}C-P^{\circ}P \gg CHPsPSPiPs \text{ } C, P\ddot{e}C\bar{I}PeC\bar{r}.$

$P \cdot C\bar{I}C, C\bar{H}P^{\circ}P_jC\bar{e}C\bar{I}C, P\ddot{e}PS. \text{ } P \dagger C\bar{I}PSC\bar{r}C'' \text{ } C\bar{H}P\ddot{e}P \cdot P\ddot{e}Pe \text{ } P \cdot P \pm C-P \gg CHC\bar{e}P_{\mu}PSPSC\bar{I} \text{ } C \dagger P^{\circ}C\bar{I}C, PsC, P\ddot{e}$
 $PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\bar{I} \text{ } P\ddot{i}PsP \pm C-C \dagger PSP\ddot{e}C... \text{ } C\bar{H}P_{\mu}P^{\circ}PeC \dagger C-PN_{\bar{e}}, \text{ } C, P^{\circ}PeP\ddot{e}C... \text{ } C\bar{I}Pe$
 $P^{\circ}PSPiC-PsPSP_{\mu}PIC\bar{H}PsC, P\ddot{e}C \dagger PSP\ddot{e}PN_{\bar{e}} \text{ } PSP^{\circ}P \pm C\bar{H}C\bar{I}Pe \text{ } (P^{\circ}PSPiC-PsP_{\mu}PrP_{\mu}P_jP^{\circ}).$

$P_{\bar{o}}P^{\circ}P \gg C-PN_{\bar{e}}P \cdot P \pm P_{\mu}C\bar{H}C-PiP^{\circ}C\bar{H}C \dagger C- \text{ } PrC-C\bar{e}C\bar{H}P_{\mu}C, P\ddot{e}PeP\ddot{e} \text{ } (PSP^{\circ}P\ddot{i}C\bar{H}P\ddot{e}PeP \gg P^{\circ}Pr,$

C, CḡPḡP°PjC, PμCḡPμPS, P°PjC-P»PsCḡPḡPr C, P° C-PSC€C-), CḡPsP»C- PeP°P»C-Cḡ.
P'PḡPSPḡPePSPμPSPSCḡ PiC-PiPμCḡPeP°P»C-C" PjC-C— (PjPsPḡP»PḡPIPs,
P»PμC, P°P»CHḡPSPsC—) PsCḡPsP±P»PḡPIPs Cr PiP°C†C-C" PSC, C-PI P· PSPḡCḡPePsPIPsCḡ
PSPμPrPsCḡC, P°C, PSC-CḡC, Cḡ (P°PrPḡC, PḡPIPSḡPNḡ PiC-PiPμCḡPeP°P»C-C" PjC-C†PSPḡPNḡ
PμC,, PμPeC,). P—P°P·PSP°C†PμPSC- P»C-PeP°CḡCḡCHḡPeC- P·P°CḡPsP±Pḡ PSPμ
CḡPμPePsPjPμPSPPrPsPIP°PSC- PrP»Cḡ PsPrPSPsC†P°CḡPSPsPiPs P·P°CḡC, PsCḡCrPIP°PSPSCḡ P·
PiPμCḡPḡPSPPrPsPiCḡPḡP»PsPj (PrPḡPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PḡPIPsCḡC, C-
P·P°CḡC, PsCḡCrPIP°PSPSCḡB»). PhPrPSP°Pe CḡPeC%oPs PsPrPSPsC†P°CḡPSPμ
PiCḡPḡP·PSP°C†PμPSPSCḡ C†PḡC... CḡPμC†PsPIPḡPS C" PSPμPsP±C...C-PrPSPḡPj, C—C...
CḡP»C-Pr P·P°CḡC, PsCḡPsPICḡPIP°C, Pḡ P· PsP±PμCḡPμPḡPSC-CḡC, Cḡ C, P° PiCḡPsPIPsPrPḡC, Pḡ
C†P°CḡC, PḡPNḡ PePsPSC, CḡPsP»CHḡ PeP°P»C-Cḡ PiP»P°P·PjPḡ PeCḡPsPIC-. PḡPsPrPs
P·P°CḡC, PsCḡCrPIP°PSPSCḡ CḡPiC-CḡPsPSPsP»P°PeC, PsPSCḡ PiCḡPḡ CḡPμCḡC†PμPIC-PNḡ
PSPμPrPsCḡC, P°C, PSPsCḡC, C- PrPḡPI. PiC-PrCḡPsP·PrC-P» B«P»C-PeP°CḡCḡCHḡPeC-
P·P°CḡPsP±Pḡ, PsPrPSPsC†P°CḡPSPμ PiCḡPḡP·PSP°C†PμPSPSCḡ P· CḡPePḡPjPḡ
PiPsC, CḡPμP±CḡC" PsCḡPsP±P»PḡPIPsC— CrPIP°PiPḡB».

P»C-C, C-PNḡ. PhPrPSPsC†P°CḡPSPḡPNḡ PiCḡPḡPNḡPsPj P»C-C, C-Cḡ C, P°
C-PSPiC-P±C-C, PsCḡC-PI PhPμPḡ PSPμ CḡPμPePsPjPμPSPPrCḡC" C, CHḡCḡCḡ C†PμCḡPμP·
PjPsPḡP»PḡPIC-CḡC, CHḡ PsP±PsCḡPsC, PSPsPiPs P·P±C-P»CHḡCḡPμPSPSCḡ
PePsPSC†PμPSC, CḡP°C†C-C— P»C-C, C-Cḡ Cr CḡPḡCḡPsPIP°C, C†C- PeCḡPsPIC- C, P°,
PIC-PrPiPsPIC-PrPSPs, PiC-PrPIPḡC%oPμPSPSCḡ PNḡPsPiPs C, PsPeCḡPḡC†PSPsCḡC, C-
(C, CḡPḡPePsC— PSPμPNḡCḡPsC, PsPeCḡPḡC†PSPsCḡC, C-). PhPrPSP°Pe CḡPeC%oPs
PSPμPsP±C...C-PrPSC-CḡC, CHḡ C, P°PePsC— PePsPjP±C-PSP°C†C-C— C"
PsP±T' CḡCrPSC, PsPIP°PSPsCḡ, PiPsC, CḡC-P±PSPs PePsPSC, CḡPsP»CḡPIP°C, Pḡ
PePsPSC†PμPSC, CḡP°C†C-Cḡ P»C-C, C-Cḡ Cr CḡPḡCḡPsPIP°C, C†C- PeCḡPsPIC- (PrPḡPI.
CḡPsP·PrC-P» B«PhCḡPsP±P»PḡPIPsCḡC, C- P·P°CḡC, PsCḡCrPIP°PSPSCḡB»).

P»C-PeP°CḡCḡCHḡPeC- P·P°CḡPsP±Pḡ, PsPrPSPsC†P°CḡPSPμ PiCḡPḡP·PSP°C†PμPSPSCḡ
P· CḡPePḡPjPḡ PiPsC, CḡPμP±CḡC" PsCḡPsP±P»PḡPIPsC— CḡPIP°PiPḡ

PiCḡPeCḡPsP·PSPḡPḡCḡPIP°P»CHḡPSC- P·P°CḡPsP±Pḡ (C-PSCḡCḡP»C-PS,
PiPμCḡPsCḡP°P»CHḡPSC- C†CḡPeCḡPsP·PSPḡPḡCḡPIP°P»CHḡPSC- P·P°CḡPsP±Pḡ).
P·PiC-PrPμPjC-PsP»PsPiC-C†PSC- PrPsCḡP»C-PrPḡPμPSPSCḡ
PiCḡPḡPiCḡCḡPeP°CḡC, CHḡ, C%oPs PsPrPSPsC†P°CḡPSPμ P·P°CḡC, PsCḡCrPIP°PSPSCḡ
C-PSPiC-P±C-C, PsCḡC-PI PhPμPḡ C- C†CrPeCḡPsP·PSPḡPḡCḡPIP°P»CHḡPSPḡC...
P·P°CḡPsP±C-PI (C-PSCḡCḡP»C-PS, PiPμCḡPsCḡP°P»CHḡPSC-
C†CrPeCḡPsP·PSPḡPḡCḡPIP°P»CHḡPSC- P·P°CḡPsP±Pḡ) PjPsPḡPμ PiCḡPḡP·PiPμCḡC, Pḡ
PrPs PiPsCḡPḡP»PμPSPSCḡ C†CrPeCḡPsP·PSPḡPḡCḡPIP°P»CHḡPSPsPiPs PμC,, PμPeC, Cr P·
CḡPḡP·PḡPePsPj CḡPsP·PIPḡC, PeCḡ PiC-PiPsPiP»C-PePμPjC-C—. PḡP°PNḡC†P°CḡC, C-CḡPμ
C†PμPNḡ C,, PμPSPsPjPμPS PjPsPḡPμ PIPḡPSPḡPeP°C, Pḡ Cr PiPμCḡCḡC- C, PḡPḡPSC-
PePsPjP±C-PSPsPIP°PSPsPiPs P»C-PeCḡPIP°PSPSCḡ C, P° Cr CḡP°P·C-
PSPḡCḡPePsPIPsC— PSPμPrPsCḡC, P°C, PSPsCḡC, C-.

P" C-CḡCḡPμC, PḡPePḡ. Pj PiP°C†C-C" PSC, C-PI, CḡPeC- PiCḡPḡPNḡPjP°CḡC, CHḡ
PrC-CḡCḡPμC, PḡPePḡ, C, P° PsCḡPsP±P»PḡPIPs Cr C, PḡC..., Cr PePsPiPs PiPsCḡCḡCḡPμPSPḡPNḡ
PIPsPrPSPs-PμP»PμPeC, CḡPsP»C-C, PSPḡPNḡ P±P°P»P°PSCḡ, PjPsPḡP»PḡPIPμ PSP°PrPjC-CḡPSPμ
P·PSPḡPḡPμPSPSCḡ P°CḡC, PμCḡC-P°P»CHḡPSPsPiPs C, PḡCḡPeCḡ PiC-CḡP»Cḡ PiPsC†P°C, PeCḡ
P»C-PeCḡPIP°PSPSCḡ C-PSPiC-P±C-C, PsCḡPsPj PhPμPḡ. P†PjPsPIC-CḡPSC-CḡC, CHḡ
CḡPsP·PIPḡC, PeCḡ PiC-PiPsC, PμPSP·PḡPIPSsPiPs PμC,, PμPeC, Cr P·PSPḡPḡCḡC" C, CHḡCḡCḡ Cr
CḡP°P·C- PIC-PrPjC-PSPḡ PrC-CḡCḡPμC, PḡPeP°, PiC-PrPIPḡC%oPμPSPSCḡ PsP±Bḡ™ C" PjCr

C†PëCĤPëC†P»CĤCĤC†PSC— PëCĤPSPIC- P°P±Ps C†PīPsP¶PëPIP°PSPSCĬ C†PsP»C- PīPμCĤPμPr
PīPsC†P°C,PePsPj C,PμCĤP°PīC-C— PīPμCĤPëPSPPrPsPīCĤPëP»PsPj, CĬPëC† C†P»C-Pr
CĤPsP·PīPsC†PëPSP°C,Pë P· PSPëP·CĤPëPëC... PrPsP· P· PīPsC†C,C†PīPsPIPëPj
PīC-PrPIPëC%PμPSPSCĬPj. PμCĤPë P°CĤC,PμCĤC-P°P»CĤPSC-PNë PiC-PīPμCĤC,PμPSP·C-C—,
PePsP»Pë PīPsPīPμCĤPμPrPSCĤPs PīCĤPëP·PSP°C†PμPSPëPNë PrC-C†CĤPμC,PëPe PjC-Pi
C†PīCĤPëC†PëPSPëC,Pë PSPμPrPsC†C,P°C,PSC-C†C,CĤ PIPsPrPë/PμP»PμPeC,CĤPsP»C-C,C-PI,
PNëPsPiPs PSPμPsP±C...C-PrPSPs PIC-PrPjC-PSPëC,Pë PīPμCĤPμPr PīPsC†P°C,PePsPj
P»C-PëC†PIP°PSPSCĬ C-PSPiC-P±C-C,PSCĤPsPj PĥPμPα (C† C,P°PePëC... PIPëPīP°PrPeP°C...
PīCĤPëPNëPsPj PrC-C†CĤPμC,PëPeP° PjPsP¶Pμ P±C†C,Pë PīPsPSPsPIP»PμPSPs P· C†P°C†PsPj)
P°P±Ps PīCĤPëP·PSP°C†PëC,Pë C-PSPiC-P±C-C,PSCĤ PĥPμPα C† PSPëP·CĤPëC-PNë PrPsP·C- P·
PīPsC†C,C†PīPsPIPëPj C—C— PīC-PrPIPëC%PμPSPSCĬPj. PμCĤPë P·P°C†C,C-PNëPSC-PNë
C†PμCĤC†PμPIC-PNë PSPμPrPsC†C,P°C,PSPsC†C,C- PSP° C,P»C- PīCĤPëPNëPsPjC†
PrC-C†CĤPμC,PëPeP° PīCĤPëPNëPsPj C-PSPiC-P±C-C,PSCĤC† PĥPμPα C†P»C-Pr
CĤPsP·PīPsC†PëPSP°C,Pë P· PjC-PSC-PjP°P»CĤPSPsC— PrPsP·Pë, PjPsP¶P»PëPIPs PiC-C†P»CĬ
P·PSPëP¶PμPSPSCĬ PrPsP·Pë PrC-C†CĤPμC,PëPeP°. Pj P±C†PrCĤ-CĬPëPsPjC† PIPëPīP°PrPeC†
PSPμPsP±C...C-PrPSPs PePsPSC,CĤPsP»CĤPIP°C,Pë C,,C†PSPëC†C-CĤ PSPëCĤPsPe
(CĤC-PIPμPSCĤ PëCĤPμP°C,PëPSC-PSC†) PīCĤPsC,CĬPiPsPj PīPμCĤCëPëC... C,PëP¶PSC-PI
P»C-PëC†PIP°PSPSCĬ C-PSPiC-P±C-C,PSCĤPsPj PĥPμPα.

*PμP°P»C-PNëP·P±PμCĤC-PiP°CĤC†C- PrC-C†CĤPμC,PëPePë (PμPīP»PμCĤPμPSPsPS,
C†PīC-CĤPsPSPsP»P°PeC,PsPS). PĥC†PsP±P»PëPIPsC— C†PIP°PiPë PīPsC,CĤPμP±C†C”
PsPrPSPsC†P°C†PSPμ P·P°C†C,PSC†C†PIP°PSPSCĬ PμPīP»PμCĤPμPSPsPSC† P°P±Ps
C†PīC-CĤPsPSPsP»P°PeC,PsPSC† C† PrPsP·P°C... PIC-Pr 12,5 PjPi PrPs 50 PjPi PSP°
PrPsP±C† P· PSPëP·CĤPëPëPjPë PrPsP·P°PjPë C-PSPiC-P±C-C,PSCĤC† PĥPμPα. Pj
CĤP°P·C- PSPμPrPsC,CĤPëPjP°PSPSCĬ CĤPμPePsPjPμPSPPrP°C†C-PNë C%PsPrPs
PīCĤPëP·PSP°C†PμPSPSCĬ C,P°PePsC— PePsPjP±C-PSP°C†C-C— C-C†PSC†C”
CĤPëP·PëPe PIPëPSPëPePSPμPSPSCĬ PiC-PīPμCĤPëP°P»C-C”PjC-C— (PjPsP¶P»PëPIPs,
P»PμC,P°P»CĤPSPsC—) PīC-Pr C†P°C† P»C-PëC†PIP°PSPSCĬ PīP°C†C-C”PSC,C-PI C-P·
C†PμCĤC†PμPIPsCĤ PSPμPrPsC†C,P°C,PSC-C†C,CĤ P†P†BĤ”P†V PeP»P°C†C† NYHA C,P°
C,,CĤP°PeC†C-C”CĤ PIPëPePëPrC† < 40 %, CĬPëC- CĤP°PSC-CëPμ
P»C-PëC†PIP°P»PëC†CĬ C-PSPiC-P±C-C,PSCĤPsPj PĥPμPα C,P° PīPμC,P»CĤPsPIPëPj
PrC-C†CĤPμC,PëPePsPj. PμPμCĤPμPr PīCĤPëP·PSP°C†PμPSPSCĬPj C,P°PePsC—
PePsPjP±C-PSP°C†C-C— C†P»C-Pr C†PīPμPIPsPëC,PëC†CĬ C† PIC-PrC†C†C,PSPsC†C,C-
PiC-PīPμCĤPëP°P»C-C”PjC-C— C,P° PīPsCĤC†CëPμPSPSCĬ C,,C†PSPëC†C-C—
PSPëCĤPsPe. P PμPePsPjPμPSPPrPsPIP°PSPs PīCĤPsPIPsPrPëC,Pë CĤPμC,PμP»CĤPSPëPNë
PjPsPSC-C,PSCĤPëPSPi PeP°P»C-C”PjC-C— C- PëCĤPμP°C,PëPSC-PSPμPjC-C—
C%PsC,PëP¶PSPμPIPs PiC-Pr C†P°C† PīPμCĤCëPsPiPs PjC-C†CĬC†CĬ
P»C-PëC†PIP°PSPSCĬ C,P° C%PsPjC-C†CĬC†PSPs PSP°PrP°P»C-.*

*PkPμC†C,PμCĤPsC—PrPSC- PīCĤPsC,PëP·P°PīP°P»CĤPSC- P»C-PëP°CĤC†CĤPëC-
P·P°C†PsP±Pë (PkPμP—P—), C† C,PsPjC† C†PëC†P»C- P°C†PμC,PëP»C†P°P»C-C†PëP»PsPIP°
PePëC†P»PsC,P° ≥ 3 Pi PSP° PrPsP±C†. PĥPsP¶P»PëPIPμ PīPsC†P»P°P±P»PμPSPSCĬ
P°PSC,PëPiC-PīPμCĤC,PμPSP·PëPIPsPiPs PμC,,PμPeC,C† PiC-Pr C†P°C†
PsPrPSPsC†P°C†PSPsPiPs P·P°C†C,PSC†C†PIP°PSPSCĬ C-PSPiC-P±C-C,PSCĤC-PI PĥPμPα P·
PkPμP—P—, C,P°PePëPjPë CĬPe: P°C†PμC,PëP»C†P°P»C-C†PëP»PsPIP° PePëC†P»PsC,P° C†
PīCĤPsC,PëP·P°PīP°P»CĤPSPëC... PrPsP·P°C..., C-PSPiC-P±C-C,PSCĤPë PīPĥP”-2,
PSPμC†PμP»PμPeC,PëPIPsC- PkPμP—P—. PĥPrPSPsC†P°C†PSPμ P·P°C†C,PSC†C†PIP°PSPSCĬ
C-PSPiC-P±C-C,PSCĤC-PI PĥPμPα C- PkPμP—P— PjPsP¶Pμ PīCĤPëP·PIPμC†C,Pë PrPs
PiC-PrPIPëC%PμPSPSCĬ CĤPëP·PëPeC†PīPsPiC-CĤCëPμPSPSCĬ C,,C†PSPëC†C-C—
PSPëCĤPsPe, C† C,PsPjC† C†PëC†P»C- C-PjPsPIC-CĤPSPsC†C,C- CĤPsP·PIPëC,PeC†*

PiPsCfC,C7PsC— PSPeC7PePsPIPsC— PSPuPrPsCfC,P°C,PSPsCfC,C-, PiC-PrPIPeC%PμPSPSCl C7C-PIPsC PEP°P»C-7 Cr PiP»P°P·PjC- PeC7PsPIC-, PsCfPsP±P»PēPIPs Cr PiP°C†C-C”PSC,C-PI C-P· PiPsC7CrC€PμPSPSClPj C,,CrPSPeC†C-C— PSPeC7PsPe PI P°PSP°PjPSPμP·C-. PŷP°PeCr PePsPjP±C-PSP°C†C-7 ClP»C-Pr PiC7PēP·PSP°C†P°C,Pē P· PsP±PμC7PμP¶PSC-ClC,7, P·PsPeC7PμPjP° PiP°C†C-C”PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeCr. Pj PiP°C†C-C”PSC,C-PI PSPμPsP±C...C-PrPSPs PIC-PrPSPsPIPēC,Pē PIPsPrPSPēPNē P±P°P»P°PSCf C,P° PePsPSC,C7PsP»C7HIP°C,Pē C,,CrPSPeC†C-7 PSPeC7PsPe PSP° PiPsC†P°C,PeCr P»C-PeCrPIP°PSPSCl C,P°PePsC7 PePsPjP±C-PSP°C†C-C”7 C- PiPμC7C-PsPrPēC†PSPs PIPiC7PsPrPsPIP¶ P»C-PeCrPIP°PSPSCl.

P>C-PeP°C7ClC7PeC- P·P°ClPsP±Pē, PsPrPSPsC†P°ClPSPμ PiC7PēP·PSP°C†PμPSPSCl P· ClPePēPjPē PiPsC,C7PμP±CžC” CžPIP°PiPē

PŷPēPjPiP°C,PsPjC-PjPμC,PēPePē PjPsP¶CrC,7 PiPsCfP»P°P±P»C7HIP°C,Pē P°PSC,PēPiC-PiPμC7C,PμPSP·PēPIPSCr PrC-7 C-PSPiC-P±C-C,PsC7C-PI P7PμPα.

P—PsP»PsC,Ps. PμC7Pē PsPrPSPsC†P°ClPSPsPjCr P·P°ClC,PsCfCrPIP°PSPSC- C-PSPiC-P±C-C,PsC7C-PI P7PμPα, PIPeP»C7C†P°C7C†Pē PiPμC7PēPSPPrPsPiC7PēP», C- C-PSb7™ C”PeC†C-PNēPSPeC... P»C-PeP°C7ClC7PePēC... P·P°ClPsP±C-PI P·PsP»PsC,P° (PSP°C,C7C-7 P°CrC7PsC,C-PsPjP°P»P°C,) C7C-PrPePs PjPsP¶CrC,7 PIPēPSPēPePSCrC,Pē C7PμP°PeC†C-C—, PiPsPrC-P±PSC- PrPs C,PēC..., C%Ps PIPēPSPēPeP°C7C,7 PiC7Pē P·P°ClC,PsCfCrPIP°PSPSC- PSC-C,C7P°C,C-PI (PiPsC†PμC7PIPSPSC-PSPSCl PsP±P»PēC†C†Cl, PiC7PēPiP»PēPIPē, PSCrPrPsC,P°, P±P»C7HIP°PSPSCl C,P° PiC-PiPsC,PμPSP·C-Cl).

P’P·P°C”PjPsPrC-C—, PiPsPIb7™ ClP·P°PSC- P· P°PjP»PsPrPēPiC-PSPsPj

PkPμ C7PμPePsPjPμPSPPrCžC”C,7ClC7 PsPrPSPsC†P°ClPSPμ P·P°ClC,PsCfCžPIP°PSPSCl

P”P°PSC,C7PsP»PμPS (C-PSC,,CžP·C-Cl). P’ PμPeCfPiPμC7PēPjPμPSC,P°P»C7PSPeC... PrPsCfP»C-PrP¶PμPSPSClC... PiC-ClP»Cl P·P°ClC,PsCfCrPIP°PSPSCl PIPμC7P°PiP°PjC-P»Cr C- PrP°PSC,C7PsP»PμPSCr PIPSCrC,C7C-C€PSC7PsPIPμPSPSPs ClPiPsCfC,PμC7C-PiP°P»PēClC7 C,,C-P±C7PēP»ClC†C-Cl C€P»CrPSPsC†PeC-PI ClPμC7C†Cl P· P»PμC,P°P»C7PSPēPj PSP°ClP»C-PrPePsPj C,P° PeP°C7PrC-PsPIP°ClPeCrP»ClC7PSPēPNē PePsP»P°PiCf Cr PiPsC”PrPSP°PSPSC- P· PiC-PiPμC7PeP°P»C-C”PjC-C”7. P— PsPiP»ClPrCr PSP° PjPsP¶P»PēPIC-ClC,7 PIPēPSPēPePSPμPSPSCl PiC-PiPμC7PeP°P»C-C”PjC-C— C7PμPePsPjPμPSPPrPsPIP°PSPs CrPSPēPeP°C,Pē PsPrPSPsC†P°ClPSPsPiPs PiC7PēP·PSP°C†PμPSPSCl P°PSC,P°PiPsPSC-ClC,C-PI PeP°P»C7C†C-7, C,P°PePēC... ClPe P°PjP»PsPrPēPiC-PS, PiP°C†C-C”PSC,P°Pj P·C- P·P»PsClPeC-ClPSPsC7 PiC-PiPμC7C,PμC7PjC-C”7 C,P° PiP°C†C-C”PSC,P°Pj, Cr ClPePēC... PrPsPiCrClPeP°C”C,7ClC7 PSP°ClPIPSC-ClC,7 P·P»PsClPeC-ClPSPsC— PiC-PiPμC7C,PμC7PjC-C—.

P>C-PeP°C7ClC7PeC- P·P°ClPsP±Pē, PsPrPSPsC†P°ClPSPμ P·P°ClC,PsCfCžPIP°PSPSCl P· ClPePēPjPē PiPsC,C7PμP±CžC” PsCfPsP±P»PēPIPsC— PsP±PμC7PμP¶PSPsCfC,C-

P†PSPPrCžPeC,PsC7Pē CYP3A4. PμC7Pē PsPrPSPsC†P°ClPSPsPjCr P·P°ClC,PsCfCrPIP°PSPSC- P· PIC-PrPsPjPēPjPē C-PSPPrCrPeC,PsC7P°PjPē CYP3A4 PePsPSC†PμPSC,C7P°C†C-Cl P°PjP»PsPrPēPiC-PSCr Cr PiP»P°P·PjC- PeC7PsPIC- PjPsP¶Pμ P·PjC-PSC7HIP°C,PēClC7. PŷPsPjCr PiC-Pr C†P°Cl C,P° PiC-ClP»Cl PsPrPSPsC†P°ClPSPsPiPs P·P°ClC,PsCfCrPIP°PSPSCl P· C-PSPPrCrPeC,PsC7P°PjPē CYP3A4 ClP»C-Pr PePsPSC,C7PsP»C7HIP°C,Pē

P†PSPiC-P±C-C,PsCḡPē CYP3A4. PḥPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC‡
P°PjP»PsPrPēPiC-PSCr P·PIPēC†PsPePsP°PeC,PēPIPSPēPjPē P°P±Ps PiPsPjC-CḡPSPēPjPē
C-PSPiC-P±C-C,PsCḡP°PjPē CYP3A4 (C-PSPiC-P±C-C,PsCḡP°PjPē PiCḡPsC,PμP°P·,
P°P·PsP»CHḡPSPēPjPē PiCḡPsC,PēPiCḡPēP±PePsPIPēPjPē P·P°C†PsP±P°PjPē,
PjP°PeCḡPsP»C-PrP°PjPē, C,P°PePēPjPē C‡Pe PμCḡPēC,CḡPsPjC-C†PēPS P°P±Ps
PeP»P°CḡPēC,CḡPsPjC-C†PēPS, PIPμCḡP°PiP°PjC-P»PsPj P°P±Ps PrPēP»C,C-P°P·PμPjPsPj)
PjPsP¶Pμ PIPēPeP»PēPeP°C,Pē PiC-PrPIPēC%PμPSPSC‡ PePsPSC†PμPSC,CḡP°C†C-C—
P°PjP»PsPrPēPiC-PSCr. PḡP»C-PSC-C†PSPēPNḡ PiCḡPsC‡PI PIPēC%PμP·P°P·PSP°C†PμPSPēC...
C,,P°CḡPjP°PePsPeC-PSPμC,PēC†PSPēC... P·PjC-PS PjPsP¶Pμ P±C†C,Pē P±C-P»CHḡCē
PIPēCḡP°P¶PμPSPēPj C† PiP°C†C-C”PSC,C-PI P»C-C,PSCHḡPsPiPs PIC-PeC†. Pj C,P°PePēC...
PIPēPiP°PrPeP°C... PSPμPsP±C...C-PrPSPs PiCḡPsPIPsPrPēC,Pē PeP»C-PSC-C†PSPēPNḡ
PjPsPSC-C,PsCḡPēPSPi C,P° PePsCḡPēPiC†PIP°C,Pē PrPsP·C†. P†C†PSC†C”
PiC-PrPIPēC%PμPSPēPNḡ CḡPēP·PēPe PIPēPSPēPePSPμPSPSC‡ PiC-PiPsC,PμPSP·C-C— C†
PiP°C†C-C”PSC,C-PI, C‡PeC- PiCḡPēPNḡPjP°CḡC,CHḡ PeP»P°CḡPēC,CḡPsPjC-C†PēPS C†
PePsPjP±C-PSP°C†C-C— P· P°PjP»PsPrPēPiC-PSPsPj. PḡP°PePēPj PiP°C†C-C”PSC,P°Pj
CḡPμPePsPjPμPSPPrPsPIP°PSPμ CḡPμC,PμP»CHḡPSPμ C†PiPsC†C,PμCḡPμP¶PμPSPSC‡.

$\text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}_{\text{e}} \cdot \text{P} \cdot \text{P}^{\circ}\text{C}\overline{\text{I}}\text{C}, \text{PsC}\overline{\text{I}}\text{C}\overline{\text{r}}\text{PIP}^{\circ}\text{PSPSC} - \text{P}^{\circ}\text{PjP} \gg \text{PsPrP}_{\text{e}}\text{P}_{\text{i}}\text{C} - \text{PSCr} \cdot \text{P} \cdot \text{C} - \text{PSC}\epsilon\text{P}_{\text{e}}\text{PjP}_{\text{e}}$
 $\text{P} \gg \text{C} - \text{PeP}^{\circ}\text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{CH}_{\text{e}}\text{PeP}_{\text{e}}\text{PjP}_{\text{e}} \cdot \text{P} \cdot \text{P}^{\circ}\text{C}\overline{\text{I}}\text{Ps} \pm \text{P}^{\circ}\text{PjP}_{\text{e}} \cdot \text{P} \cdot \text{P}^{\circ}\text{PSC}, \text{P}_{\text{e}}\text{PiC} - \text{P}_{\text{i}}\text{P}_{\mu}\text{C}\overline{\text{H}}\text{C}, \text{P}_{\mu}\text{PSP} \cdot \text{P}_{\text{e}}\text{PIPSP}_{\text{e}}\text{PjP}_{\text{e}}$
 $\text{PIP} \gg \text{P}^{\circ}\text{C}\overline{\text{I}}\text{C}, \text{P}_{\text{e}}\text{PIPsC}\overline{\text{I}}\text{C}, \text{C}\overline{\text{I}}\text{PjP}_{\text{e}} \text{PjPsP}\overline{\text{I}}\text{P} \gg \text{P}_{\text{e}}\text{PIP}_{\text{e}}\text{PN}_{\text{e}} \cdot \text{P}^{\circ}\text{PrP}_{\text{e}}\text{C}, \text{P}_{\text{e}}\text{PIPSP}_{\text{e}}\text{PN}_{\text{e}}$
 $\text{P}^{\circ}\text{PSC}, \text{P}_{\text{e}}\text{PiC} - \text{P}_{\text{i}}\text{P}_{\mu}\text{C}\overline{\text{H}}\text{C}, \text{P}_{\mu}\text{PSP} \cdot \text{P}_{\text{e}}\text{PIPSP}_{\text{e}}\text{PN}_{\text{e}} \text{P}_{\mu}\text{C}_{\text{e}}, \text{P}_{\mu}\text{PeC}_{\text{e}}, .$

$PjP^{\circ}PeC\overline{H}PsP \gg C-PjCzC\overline{r}$. $PjC\overline{H}P^{\circ}P \cdot C - PsPrPSPsC \ddagger P^{\circ}C\overline{r}PSPsPiPsPiC\overline{H}P\ddot{e}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC\overline{u}P \cdot P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PSPsPjC - C\overline{r}PSCrC''C\overline{H}P\ddot{e}P \cdot P\ddot{e}PePiC - PrPIP\ddot{e}C\%P_{\mu}PSPSC\overline{u}C\overline{H}C - PIPSC\overline{u}C, P^{\circ}PeC\overline{H}PsP \gg C - PjC\overline{r}C\overline{r}PIPeC\overline{H}PsPIC - . P''P \gg C\overline{u}C\overline{r}PSP\ddot{e}PePSP_{\mu}PSPSC\overline{u}C, PsPeC\overline{r}P\ddot{e}C \ddagger PSPsPiPsPiPiP \gg P\ddot{e}PIC\overline{r}C, P^{\circ}PeC\overline{H}PsP \gg C - PjC\overline{r}C\overline{r}PSP_{\mu}PsP \pm C...C - PrPSPsPePsPSC, C\overline{H}PsP \gg C\overline{H}PIP^{\circ}C, P\ddot{e}PN\ddot{e}PsPiPsC\overline{H}C - PIP_{\mu}PSC\overline{H}C\overline{r}PeC\overline{H}PsPIC - C, P^{\circ}C\overline{r}C\overline{H}P^{\circ}P \cdot C - PiPsC, C\overline{H}P_{\mu}P \pm P\ddot{e}PiC - PrP \pm P\ddot{e}C\overline{H}P^{\circ}C, P\ddot{e}PN\ddot{e}PsPiPsPrPsP \cdot C\overline{r}PiP^{\circ}C \ddagger C - C''PSC, P^{\circ}Pj, C\overline{u}PeP\ddot{e}PjPrPsPrP^{\circ}C''C, C\overline{H}C\overline{r}C\overline{u}P^{\circ}PjP \gg PsPrP\ddot{e}PiC - PS.$

$P \dagger P S P i C - P \pm C - C, P s C \bar{H} P \ddot{e} \ P j P \mu C \dots P^{\circ} P S C - C \acute{I} C, P \ddot{e} C \ddagger P S P s C - \ P j C - C \epsilon P \mu P S C - \ C \bar{H} P^{\circ} P i P^{\circ} P j C - C \dagger P \ddot{e} P S C \acute{e}$
(mTOR). $P \ddot{y} P^{\circ} P e C - \ C - P S P i C - P \pm C - C, P s C \bar{H} P \ddot{e} \ m T O R, C \bar{I} P e \ C \acute{I} P \ddot{e} C \bar{H} P s P \gg C - P j C r C \acute{I},$
 $C, P \mu P j C \acute{I} P \ddot{e} C \bar{H} P s P \gg C - P j C r C \acute{I} \ C, P^{\circ} \ P \mu P i P \mu C \bar{H} P s P \gg C - P j C r C \acute{I}, \ C'' \ C \acute{I} C r P \pm C \acute{I} C, C \bar{H} P^{\circ} C, P^{\circ} P j P \ddot{e}$
 $C Y P 3 A. P \bar{h} P j P \gg P s P r P \ddot{e} P i C - P S \ P S P^{\circ} P \gg P \mu P \P P \ddot{e} C, C \bar{H} \ P r P s \ C - P S P i C - P \pm C - C, P s C \bar{H} C - P i \ C Y P 3 A$
 $C \acute{I} P \gg P^{\circ} P \pm P e P s C - \ P r C - C - . P \mu C \bar{H} P \ddot{e} \ P s P r P S P s C \ddagger P^{\circ} C \acute{I} P S P s P j C r$
 $P \cdot P^{\circ} C \acute{I} C, P s C \acute{I} C r P i P^{\circ} P S P S C - \ P \cdot \ C - P S P i C - P \pm C - C, P s C \bar{H} P^{\circ} P j P \ddot{e} \ m T O R \ P^{\circ} P j P \gg P s P r P \ddot{e} P i C - P S$
 $P j P s P \P P \mu \ P \cdot P \pm C - P \gg C \bar{H} C \epsilon C r P i P^{\circ} C, P \ddot{e} \ P e P s P S C \dagger P \mu P S C, C \bar{H} P^{\circ} C \dagger C - C \bar{H}$
 $C - P S P i C - P \pm C - C, P s C \bar{H} C - P i \ m T O R.$

$P_l \cdot P\ddot{e}PeP \gg PsC\acute{I}P\ddot{i}PsC\grave{H}P\ddot{e}PS. P''PsC\acute{I}P \gg C-PrP \parallel P_{\mu}PSPSC\grave{U} PIP \cdot P^{\circ}C''P_jPsPrC-C-$
 $C\uparrow P\ddot{e}PeP \gg PsC\acute{I}P\ddot{i}PsC\grave{H}P\ddot{e}PSCr PN_{\mathbb{Z}} P^{\circ}P_jP \gg PsPrP\ddot{e}P\ddot{i}C-PSCr P \cdot P^{\circ} C_rC\ddagger P^{\circ}C\acute{I}C, C\grave{H} P \cdot PrPsC\grave{H}PsPIP\ddot{e}C...$
 $PrPsP \pm C\grave{H}PsPIPsP \gg CHC\uparrow C-PI P^{\circ}P \pm Ps C-PSC\epsilon P\ddot{e}C... P \gg C\grave{H}PrP_{\mu}PN_{\mathbb{Z}} PSP_{\mu}$
 $P\ddot{i}C\grave{H}PsPIP_sPrP\ddot{e}P \gg P\ddot{e}C\acute{I}C\grave{U}. P'\ddot{e}PSC\grave{U}C, PsPe C\acute{I}C, P^{\circ}PSP_sPIP \gg C\grave{U}C, CH P\ddot{i}P^{\circ}C\uparrow C-C''PSC, P\ddot{e}$

P°PSC, PëPiC-PiPμCȚC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, (C†PμCȚPμP· P·P°C, CȚPëPjPeCř PIPsPrPë C, P° CřPsP»PμPNë).

PȚP»CHC,, P°·P±P»PsPeP°C, PsCȚPë (PiCȚP°P·PsP·PëPS, P°P»C,, C¿P·PsP·PëPS, PrPsPeCřP°P·PsP·PëPS, C, P°PjCřC¿P»PsP·PëPS, C, PμCȚP°P·PsP·PëPS) PiPsCřPëP»CȚCȚC, CH P°PSC, PëPiC-PiPμCȚC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, C, P° PiC-PrPIPëC%oCřCȚC, CH CȚPëP·PëPe PIPëPSPëPePSPμPSPSCȚ PsCȚC, PsCřC, P°C, PëC†PSPsC— PiC-PiPsC, PμPSP·C-C—.

PȚPjC-C,, PsCřC, PëPS PjPsPȚPμ PiPsCřPëP»CȚPIP°C, Pë P°PSC, PëPiC-PiPμCȚC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, P°PjP»PsPrPëPiC-PSCř.

PȚCȚPëC†PëPeP»C-C†PSC- P°PSC, PëPrPμPiCȚPμCřP°PSC, Pë / P°PSC, PëPiCřPëC...PsC, CȚPsPiPSC- P·P°CřPsP±Pë / P°PSPμCřC, PμC, PëPePë PiPsCřPëP»CȚCȚC, CH P°PSC, PëPiC-PiPμCȚC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, C, P° PiC-PrPIPëC%oCřCȚC, CH CȚPëP·PëPe PIPëPSPëPePSPμPSPSCȚ PsCȚC, PsCřC, P°C, PëC†PSPsC— PiC-PiPsC, PμPSP·C-C—.

PȚCřPsP±P»PëPIPsCřC, C- P·P°CřC, PsCřC¿PIP°PSPSCȚ.

PjCřC- P·P°CřC, PμCȚPμPȚPμPSPSCȚ C%oPsPrPs P·P°CřC, PsCřCřPIP°PSPSCȚ PsPeCȚPμPjPëC... PePsPjPiPsPSPμPSC, C-PI P»C-PeP°CȚCřCHPePsPiPs P·P°CřPsP±Cř CřC, PsCřCřCȚC, CHCřCȚ C- C,, C-PeCřPsPIP°PSPsC— PePsPjP±C-PSP°C†C-C— PȚPȚ-PȚP»P†PȚP·P .

PȚCřPsP±P»PëPIC- P·P°CřC, PμCȚPμPȚPμPSPSCȚ C%oPsPrPs P·P°CřC, PsCřC¿PIP°PSPSCȚ PiPμCȚPëPSPPrPsPiCȚPëP»C¿

P“C-PiPμCȚC†C¿C, P»PëPIC-CřC, CH / P°PSPiC-PsPSPμPICȚPsC, PëC†PSPëPNë PSP°P±CȚCȚPe. PȚC-Pr C†P°Cř P·P°CřC, PsCřCřPIP°PSPSCȚ C-PSPiC-P±C-C, PsCȚC-PI PȚPȚPȚ, Cř C, PsPjCř C†PëCřP»C- PiPμCȚPëPSPPrPsPiCȚPëP»Cř, PiPsPIC-PrPsPjP»CȚP»PsCřCȚ PiCȚPs CȚC-PrPeC-CřPSC- PIPëPiP°PrPePë PIPëPSPëPePSPμPSPSCȚ P°PSPiC-PsPSPμPICȚPsC, PëC†PSPsPiPs PSP°P±CȚCȚPeCř PsP±P»PëC†C†CȚ, PeC-PSC†C-PIPsPe, PiCřP±, CřP»PëP·PsPIPëC... PsP±PsP»PsPSPsPe, CȚP·PëPeP°, PiPsP»PsCřPsPiPsC— C%oC-P»PëPSPë C, P°/P°P±Ps PiPsCȚC, P°PSC- (PrPëPI. CȚPsP·PrC-P» B«PȚPsP±C-C†PSC- CȚPμP°PeC†C-C—B»). PȚPSPiC-PsPSPμPICȚPsC, PëC†PSPëPNë PSP°P±CȚCȚPe PjPsPȚPμ PIPëPSPëPePSCřC, Pë P±CřPrCH-PePsP»Pë PiC-Pr C†P°Cř P»C-PeCřPIP°PSPSCȚ. Pj C, P°PePëC... PIPëPiP°PrPeP°C... PSPμPsP±C...C-PrPSPs C, PμCȚPjC-PSPsPiPs PiCȚPëPiPëPSPëC, Pë PiCȚPëPNëPsPj P»C-PeP°CȚCřCHPePsPiPs P·P°CřPsP±Cř PȚPȚ-PȚP»P†PȚP·P C- PICřC, P°PSPsPiPëC, Pë PSPμPsP±C...C-PrPSPëPNë PSP°PiP»CȚPr P·P° CřC, P°PSPsPj PiP°C†C-C“PSC, P° PrPs PiPsPIPSPsPiPs P·PSPëPePSPμPSPSCȚ CřPëPjPiC, PsPjC-PI. PȚPsP»Pë PSP°P±CȚCȚPe CȚPsP·PiPsPICřCȚPrPȚCřC“C, CHCřCȚ P»PëC€Pμ PSP° P·PsPSCř PsP±P»PëC†C†CȚ C, P° PiCřP±, CřC, P°PS PiP°C†C-C“PSC, P° P·P°P·PiPëC†P°PNë PiPsPeCȚP°C%oCřC“C, CHCřCȚ P±PμP· P»C-PeCřPIP°PSPSCȚ; PiCȚPëP·PSP°C†PμPSPSCȚ P°PSC, PëPiC-CřC, P°PjC-PSPSPëC... P»C-PeP°CȚCřCHPePëC... P·P°CřPsP±C-PI PjPsPȚPμ P±CřC, Pë PePsCȚPëCřPSPëPj PrP»CȚ P·PjPμPSC€PμPSPSCȚ CřPëPjPiC, PsPjC-PI.

PȚPSPiC-PsPSPμPICȚPsC, PëC†PSPëPNë PSP°P±CȚCȚPe, PiPsPiBȚ™ CȚP·P°PSPëPNë P·PSP°P±CȚCȚPePsPj PiPsCȚC, P°PSC-, PjPsPȚPμ PiCȚPëP·PiPμCřC, Pë PrPs P»PμC, P°P»CHPSPsPiPs PSP°CřP»C-PrPeCř. Pj CȚP°P·C- PePsP»Pë PSP°P±CȚCȚPe CȚPsP·PiPsPICřCȚPrPȚCřC“C, CHCřCȚ PSP° CȚP·PëPe, PiPsP»PsCřPsPICř C%oC-P»PëPSCř

P°P±Ps PiPsCḡC,P°PSCḡ P· C-PjPsPIC-CḡPSPëPj PIPëPSPëPePSPµPSPSCḡPj
PsP±CḡC,CḡCḡPeC†C-C— PrPëC...P°P»CHḡPSPëC... CëP»CḡC...C-PI, PSPµPsP±C...C-PrPSPµ
C,PµCḡPjC-PSPsPIPµ PīCḡPsPIPµPrPµPSPSCḡ PSPµPIC-PrPeP»P°PrPSPsC— C,PµCḡP°PīC-C—,
CḡPeP° PjPsPḡPµ PIPEP»CḡC†P°C,Pë PIPIPµPrPµPSPSCḡ P°PrCḡPµPSP°P»C-PSCḡ C,P°/P°P±Ps
PīC-PrC,CḡPëPjP°PSPSCḡ PīCḡPsC...C-PrPSPsCḡC,C- PrPëC...P°P»CHḡPSPëC... CëP»CḡC...C-PI.
PµP°C†C-C°PSC, PīPsPIPëPSPµPS P·PSP°C...PsPrPëC,PëCḡCḡ PīC-Pr PīPsCḡC,C-PNëPSPëPj
PjPµPrPëC†PSPëPj PSP°PiP»CḡPrPsPj PrPs PīPsPIPSPsPiPs C,P° CḡC,C-PNëPePsPiPs
P·PSPëPePSPµPSPSCḡ CḡPëPjPīC,PsPjC-PI.

PµP°C†C-C°PSC,Pë P· P°PSPiC-PsPSPµPICḡPsC,PëC†PSPëPj PSP°P±CḡCḡPePsPj PI
P°PSP°PjPSPµP·C-, C°Ps PSPµ P±CḡPI PīPsPIḡḡ™ CḡP·P°PSPëPNë P· PīCḡPëPNëPsPjPsPj
C-PSPiC-P±C-C,PsCḡC-PI PḡPµPḡ, PjPsPḡCḡC,Cḡ PjP°C,Pë PīC-PrPIPëC°PµPSPëPNë
CḡPëP·PëPe PIPëPSPëPePSPµPSPSCḡ P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ
PīCḡPë PīCḡPëPNëPsPjC- C-PSPiC-P±C-C,PsCḡC-PI PḡPµPḡ (PrPëPI. CḡPsP·PrC-P»
B«PµCḡPsC,PëPīPsPeP°P·P°PSPSCḡB»).

PµC-Pr C†P°Cḡ P»C-PeCḡPIP°PSPSCḡ C-PSPiC-P±C-C,PsCḡP°PjPë PḡPµPḡ
PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs CḡC-PrPeC-CḡPSC- PIPëPIP°PrPePë
PIPëPSPëPePSPµPSPSCḡ C-PSC,PµCḡC,PëPSP°P»CHḡPSPsC— P°PSPiC-PsPµPrPµPjPë. Pj
C,P°PePëC... PīP°C†C-C°PSC,C-PI PIC-PrP·PSP°C†P°PICḡCḡ P°P±PrPsPjC-PSP°P»CHḡPSPëPNë
P±C-P»CHḡ (P· PSCḡPrPsC,PsCḡ C,P° P±P»CḡPIP°PSPSCḡPj P°P±Ps P±PµP· PSPëC...); Cḡ
PrPµCḡPePëC... PIPëPIP°PrPeP°C... PīPsPīPµCḡPµPrPSCḡPsPiPs
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ PsP±P»PëC†C†Cḡ PSPµ
CḡPīPsCḡC,PµCḡC-PiP°P»PsCḡCḡ C- CḡC-PIPµPSCḡ PŸ-1 PµCḡC,PµCḡP°P·Pë P±CḡPI Cḡ
PSPsCḡPjC-. P°C-P°PiPSPsP· C-PSC,PµCḡC,PëPSP°P»CHḡPSPsC— P°PSPiC-PsPµPrPµPjPë
P±CḡP»Ps PICḡC,P°PSPsPIP»PµPSPs PīC-Pr C†P°Cḡ PePsPjPīḡḡ™ CḡC,PµCḡPSPsC—
C,PsPjPsPiCḡP°C,,C-C— P°P±Ps CḡP»CHḡC,CḡP°P·PICḡPePsPIPsPiPs
PrPsCḡP»C-PrPḡPµPSPSCḡ, P°P±Ps PīC-Pr C†P°Cḡ C...C-CḡCḡCḡPiC-C†PSPsPiPs
PIC,CḡCḡC†P°PSPSCḡ. PµC-CḡP»Cḡ PIC-PrPjC-PSPë C-PSPiC-P±C-C,PsCḡCḡ PḡPµPḡ
CḡPëPjPīC,PsPjPë P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ P·PSPëPeP°P»Pë.
PµC-Pr C†P°Cḡ PīCḡPsPIPµPrPµPSPSCḡ PrPëC,,PµCḡPµPSC†C-PNëPSPsPiPs PrC-P°PiPSPsP·Cḡ
P°P±PrPsPjC-PSP°P»CHḡPSPsPiPs P±PsP»Cḡ, C°Ps PIPëPSPëPeP°C” Cḡ PīP°C†C-C°PSC,C-PI
PSP° C,P»C- PīCḡPëPNëPsPjCḡ C-PSPiC-P±C-C,PsCḡC-PI PḡPµPḡ, PSPµPsP±C...C-PrPSPs
PICḡP°C...PsPICḡPIP°C,Pë PjPsPḡP»PëPIC-CḡC,Cḡ PIPëPSPëPePSPµPSPSCḡ
C-PSC,PµCḡC,PëPSP°P»CHḡPSPsC— P°PSPiC-PsPµPrPµPjPë (PrPëPI. CḡPsP·PrC-P»
B«PµPsP±C-C†PSC- CḡPµP°PeC†C-C—B»).

PḡPrPSPsC†P°CḡPSPµ P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PīPµCḡPëPSPPrPsPīCḡPëP»Cḡ P·
CḡP°PeCḡP±C-C,CḡPëP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj PīCḡPsC,PëPīPsPeP°P·P°PSPµ
C†PµCḡPµP· PīC-PrPIPëC°PµPSPëPNë CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ
P°PSPiC-PsPSPµPICḡPsC,PëC†PSPsPiPs PSP°P±CḡCḡPeCḡ (PrPëPI. CḡPsP·PrC-P»
B«PµCḡPsC,PëPīPsPeP°P·P°PSPSCḡB»). P PsP·PīPsC†PëPSP°C,Pë P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
CḡP°PeCḡP±C-C,CḡPëP»Cḡ/PIP°P»CḡP°CḡC,P°PSCḡ CḡP»C-Pr PSPµ CḡP°PSC-CëPµ PSC-Pḡ
C†PµCḡPµP· 36 PīPsPrPëPS PīC-CḡP»Cḡ PīCḡPëPNëPsPjCḡ PsCḡC,P°PSPSCHḡPsC— PrPsP·Pë
PīPµCḡPëPSPPrPsPīCḡPëP»Cḡ. Pj CḡP°P·C- PīCḡPëPīPëPSPµPSPSCḡ P»C-PeCḡPIP°PSPSCḡ
CḡP°PeCḡP±C-C,CḡPëP»PsPj/PIP°P»CḡP°CḡC,P°PSPsPj C,PµCḡP°PīC-Cḡ
PīPµCḡPëPSPPrPsPīCḡPëP»PsPj PīPsC,CḡC-P±PSPs CḡPsP·PīPsC†PëPSP°C,Pë PSPµ
CḡP°PSC-CëPµ PSC-Pḡ C†PµCḡPµP· 36 PīPsPrPëPS PīC-CḡP»Cḡ PīCḡPëPNëPsPjCḡ
PsCḡC,P°PSPSCHḡPsC— PrPsP·Pë CḡP°PeCḡP±C-C,CḡPëP»Cḡ/PIP°P»CḡP°CḡC,P°PSCḡ (PrPëPI.
CḡPsP·PrC-P»Pë B«PµCḡPsC,PëPīPsPeP°P·P°PSPSCḡB» C- B«P·P·P°C”PjPsPrC-Cḡ P·
C-PSCëPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë P·P°CḡPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë

PhPrPSPsC†P°C†PSPμ P·P°C†C,PsC†C†PIP°PSPSC‡ C-PSPiC-P±C-C,PsC‡C-PI PhPμPα P·
C-PSPiC-P±C-C,PsC‡P°PjPë PSPμPNεC,C‡P°P»CHbPSPsC— PμPSPrPsPiPμPiC,PëPrP°P·Pë (PκP•Pμ)
(PSP°PiC‡PëPeP»P°Pr C‡P°C†PμPeP°PrPsC,C‡PëP»PsPj), C-PSPiC-P±C-C,PsC‡P°PjPë mTOR
(PSP°PiC‡PëPeP»P°Pr C†PëC‡PsP»C-PjC†C†PsPj, PμPIPμC‡PsP»C-PjC†C†PsPj,
C,PμPjC†PëC‡PsP»C-PjC†C†PsPj) C,P° PiP»C-PiC,PëPSP°PjPë (PSP°PiC‡PëPeP»P°Pr
P»C-PSP°PiP»C-PiC,PëPSPsPj, C†P°PeC†P°PiP»C-PiC,PëPSPsPj, C†PëC,P°PiP»C-PiC,PëPSPsPj,
PIC-P»CHbPrP°PiP»C-PiC,PëPSPsPj) PjPsP¶Pμ PiC-PrPIPëC‰PëC,Pë C‡PëP·PëPe
C‡PsP·PIPëC,PeC† P°PSPiC-PsPSPμPIC‡PsC,PëC†PSPsPiPs PSP°P±C‡C‡PeC†
(PSP°PiC‡PëPeP»P°Pr PSP°P±C‡C‡PeC† PrPëC...P°P»CHbPSPëC... C€P»C‡C...C-PI P°P±Ps
C‡P·PëPeP°, P· PiPsC‡C†C€PμPSPSC‡Pj C„C†PSPeC†C— PrPëC...P°PSPSC‡ P°P±Ps P±PμP·)
(PrPëPI. C‡PsP·PrC-P» B«P'P·P°C"PjPsPrC-C‡ P· C-PSC€PëPjPë P»C-PeP°C‡C†CHbPePëPjPë
P·P°C†PsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C"PjPsPrC-PNεB»). PŸP»C-Pr P·
PsP±PμC‡PμP¶PSC-C†C,C‡ C‡PsP·PiPsC†PëPSP°C,Pë P»C-PeC†PIP°PSPSC‡
C‡P°C†PμPeP°PrPsC,C‡PëP»PsPj, C-PSPiC-P±C-C,PsC‡P°PjPë mTOR (PSP°PiC‡PëPeP»P°Pr
C†PëC‡PsP»C-PjC†C†PsPj, PμPIPμC‡PsP»C-PjC†C†PsPj, C,PμPjC†PëC‡PsP»C-PjC†C†PsPj) C,P°
PiP»C-PiC,PëPSP°PjPë (PSP°PiC‡PëPeP»P°Pr P»C-PSP°PiP»C-PiC,PëPSPsPj,
C†P°PeC†P°PiP»C-PiC,PëPSPsPj, C†PëC,P°PiP»C-PiC,PëPSPsPj,
PIC-P»CHbPrP°PiP»C-PiC,PëPSPsPj) C† PiP°C†C-C"PSC,C-PI, C‡PeC- PIP¶Pμ
P·P°C†C,PsC†PsPIC†C‡C,CH C-PSPiC-P±C-C,PsC‡Pë PhPμPα.

*P*h*P*S*P*°*C*„*C*-*P*»*P*°*P*e*C*,*P*s*C*—*P*r*P*S*C*—*C*h*P*μ*P*°*P*e*C*†*C*-*C*—*P*i*C*-*P*r†*C*‡*P*°*C*†*P*i*P*»*P*°*P*·*P*j*P*°*C*„*P*μ*C*h*P*μ*P*·*C*é
P»*C*-*P*i*P*s*P*i*C*h*P*s*C*,*P*μ*C*—*P*r†*C*-*P*i*P*S*P*ë*P*·*C*H*P*e*P*s*C*—*C*%*C*-*P*»*C*H*P*S*P*s*C*†*C*,*C*- (*P*·*P*á*P*©).
*P*μ*P*s*P*i*C*—*P*r*P*s*P*j*P*»*C*h*P*»*P*ë *P*i*C*h*P*s *C*h*C*-*P*r*P*e*C*-*C*†*P*S*C*- *P*i*P*ë*P*i°*P*·*P*r*P*e*P*ë *P*i*P*ë*P*S*P*ë*P*e*P*S*P*μ*P*S*P*S*C*h*P*
*P*S*P*μ*P*±*P*μ*P*·*P*i°*P*μ*C*‡*P*S*P*ë*C*... *P*r†*P*»*C*h*P* *P*¶*P*ë*C*,*C*,*C*h*P* °*P*S*P*°*C*„*C*-*P*»*P*°*P*e*C*,*P*s*C*—*P*r†*P*S*P*ë*C*...
*C*h*P*μ*P*°*P*e*C*†*C*-*P*№ *C*† *P*i°*P*°*C*†*C*-*C*°*P*S*C*,*C*-*P*i, *C*h*P*e*C*- *P*i°*C*h*P*ë*P*№*P*j°*P*°*C*h*C*,*C*H
C-*P*S*P*i*C*-*P*±*C*-*C*,*P*s*C*h*P*ë *P*h*P*μ*P*α, *P*i*C*-*P*r† *C*‡*P*°*C*† *P*i°*C*h*P*s*P*i°*P*μ*P*r†*P*μ*P*S*P*S*C*h*P*
*P*i°*P*»*P*°*P*·*P*j°*P*°*C*„*P*μ*C*h*P*μ*P*·*C*† *P*·*P*á*P*© *P*· *P*i°*P*ë*P*e*P*s*C*h*P*ë*C*†*C*,°*P*S*P*S*C*h*P*j
*P*r†*P*μ*P*e*C*†*C*,*C*h*P*°*C*†*C*†*P*»*C*H*C*„*P*°*C*,*C*†. *P* *P*s*P*·*P*i°*P*ë*C*,*P*e*C*† °*P*S*P*°*C*„*C*-*P*»*P*°*P*e*C*,*P*s*C*—*P*r†*P*S*P*ë*C*...
*C*h*P*μ*P*°*P*e*C*†*C*-*P*№ *P*j*P*s*P*¶*P*S° *C*†*P*S*P*ë*P*e*P*S*C*†*C*,*P*ë, *C*h*P*e*C*%*P*s *P*i°*P*μ*C*h*P*μ*P*r†
*P*i°*C*h*P*s*P*i°*P*μ*P*r†*P*μ*P*S*P*S*C*h*P*j *P*e*P*s*P*¶*P*S*P*s*P*i°*P*s *P*i°*P*»*P*°*P*·*P*j°*P*°*C*„*P*μ*C*h*P*μ*P*·*C*† *C*,*P*ë*P*j*C*‡*P*°*C*†*P*s*P*i°*P*s
*P*i°*C*h*P*ë*P*i°*P*ë*P*S*C*h*P*,*P*ë *P*»*C*-*P*e*C*†*P*i°*P*°*P*S*P*S*C*h*P* *C*-*P*S*P*i*C*-*P*±*C*-*C*,*P*s*C*h*P*°*P*j°*P*ë *P*h*P*μ*P*α.

PħPSP°C,,C-P»P°PeC,PsC—PrPSC- CħPµP°PeC†C-C— PïC-Pr C‡P°Cİ
PrPµCİPµPSCİPëP±C-P»C-P-CçCħC‡PsC— C,PµCħP°PïC-C—. PµPsPIC-PrPsPjP»CİP»PsCİCİ
PïCħPs PjPsP¶P»PëPIC-CİC,CH PIPëPSPëPePSPµPSPSCİ P°PSP°C,,C-P»P°PeC,PsC—PrPSPëC...
CħPµP°PeC†C-PNë Cr PïP°C†C-C”PSC,C-PI, CİPeC- PïCħPëPñPjP°CħC,CH
C-PSPiC-P±C-C,PsCħPë PħPµPα PïC-Pr C‡P°Cİ PrPµCİPµPSCİPëP±C-P»C-P-CrCħC‡PsPiPs
P»C-PeCrPIP°PSPSCİ P»C-PeP°CħCİCħPePëPjPë P·P°CİPsP±P°PjPë, C°°Ps PjC-CİC,CİC,CH
P±PrP¶PsP»PëPSCr PsC,CħCİC,Cr. P|PëC... CħPµP°PeC†C-PNë PjPsP¶PSP° CrPSPëPePSCrC,Pë,
CİPeC°°Ps C,PëPjC‡P°CİPsPiPs PïCħPëPiPëPSPëC,Pë P·P°CİC,PsCİCİPIP°PSPSCİ
C-PSPiC-P±C-C,PsCħC-PI PħPµPα, P°P»Pµ CħPµP°PeC†C-C— PjPsP¶CİC,CH
PIPëPSPëPePSCrC,Pë P·PSPsPICr PïCħPë PSPµPsP±PµCħPµP¶PSPsPjCr PïPsPSPsPiP»PµPSPSC-
P»C-PeCrPIP°PSPSCİ.

$P\acute{K}P\mu P\mathbb{N}C, C\overline{H}PsP\ddot{P}\mu PSC-C\overline{U}/P^{\circ}P\ddot{C}\overline{H}P^{\circ}PSC\acute{z}P\rangle PsC\ddagger P\ddot{e}C, PsP\cdot/C, C\overline{H}PsPjP\pm PsC\ddagger P\ddot{e}C, PsP\ddot{P}\mu PSC-C\overline{U}/P^{\circ}PSP\mu PjC-C\overline{U}. Pj\ P\ddot{P}^{\circ}C\ddagger C-C''PSC, C-PI, C\overline{U}PeC- P\ddot{C}\overline{H}P\ddot{e}P\mathbb{N}PjP^{\circ}C\overline{H}C, CH$
 $C-PSPiC-P\pm C-C, PsC\overline{H}P\ddot{e}\ P\overline{h}P\overline{u}P\alpha, P\pm CrP\rangle Ps\ P\cdot P^{\circ}C\overline{H}P\mu C''C\overline{I}C, C\overline{H}PsPIP^{\circ}PSPs$
 $PIP\ddot{e}P\ddot{P}^{\circ}PrPeP\ddot{e}\ PSP\mu P\mathbb{N}C, C\overline{H}PsP\ddot{P}\mu PSC-C-/P^{\circ}P\ddot{C}\overline{H}P^{\circ}PSCrP\rangle PsC\ddagger P\ddot{e}C, PsP\cdot Cr,$
 $C, C\overline{H}PsPjP\pm PsC\ddagger P\ddot{e}C, PsP\ddot{P}\mu PSC-C- C, P^{\circ}\ P^{\circ}PSP\mu PjC-C-. Pj\ P\ddot{P}^{\circ}C\ddagger C-C''PSC, C-PI\ C-P.$

PSPsCḡPjP°P»CHbPSPsCḡ C,,CfPSPeC†C-C”Cḡ PSPëCḡPsPe C,P° PïcḡPë
 PIC-PrCfCfC,PSPsCfC,C- C-PSCëPëC... C,,P°PeC,PscḡC-PI CḡPëP·PëPeCf
 PSPµPNëC,CḡPsPîPµPSC-Cl PIPëPSPëPeP°C” CḡC-PrPePs. PµPµCḡPëPSPrPsPîCḡPëP»
 CfP»C-Pr PïcḡPëP·PSP°C†P°C,Pë PrCfP¶Pµ PsP±PµCḡPµP¶PSPs PîP°C†C-C”PSC,P°Pj
 C-P· PePsP»P°PiPµPSPsP·P°PjPë, Pïc-Pr C†P°Cf C,PµCḡP°Pïc-C—
 C-PjCfPSPsCfCfPïcḡPµCfPsCḡP°PjPë, P°P»PsPîCfCḡPëPSPsP»PsPj C†Pë
 PïcḡPsPeP°C—PSP°PjC-PrPsPj P°P±Ps PïcḡPë PîPsC”PrPSP°PSPSC- C†PëC...
 PsP±C,CfP¶P»PëPIPëC... C,,P°PeC,PscḡC-PI, PsCfPsP±P»PëIPs ClPeC%Ps C”
 PîPsCḡCfCëPµPSPSCl C,,CfPSPeC†C-C— PSPëCḡPsPe. Pj PrPµPePsPîPs P· C,P°PePëC...
 PîP°C†C-C”PSC,C-PI PIC-PrP·PSP°C†P°PICfCf CḡPsP·PIPëC,PsPe
 CfPµCḡPNëPsP·PSPëC... C-PSC,,PµPeC†C-PNëPSPëC... P·P°C...PIPscḡCḡPIP°PSCḡ,
 C-PSPsPrC- bḡ” CḡPµP·PëCfC,PµPSC,PSPëC... PrPs C-PSC,PµPSCfPëPIPSPsC—
 P°PSC,PëP±C-PsC,PëPePsC,PµCḡP°Pïc-C—. PîPeC%Ps PîPµCḡPëPSPrPsPîCḡPëP»
 PïcḡPëP·PSP°C†P°CḡC,CH C,P°PePëPj PîP°C†C-C”PSC,P°Pj,
 CḡPµPePsPjPµPSPrCfC”C,CHCfCf PîPµCḡC-PsPrPëC†PSPs PePsPSC,CḡPsP»CḡPIP°C,Pë
 PeC-P»CHbPeC-CfC,CH P»PµPNëPePsC†PëC,C-PI Cf PeCḡPsPIC-. PÿP°PePsP¶
 PîP°C†C-C”PSC,Pë PjP°CḡC,CH P·PSP°C,Pë, C%Ps PSPµPsP±C...C-PrPSPs
 PîPsPIC-PrPsPjP»ClC,Pë PïcḡPs P±CfPrCHb-ClPePëPNë PïcḡPsClPI
 C-PSC,,PµPeC†C-PNëPSPsPîPs P·P°C...PIPscḡCḡPIP°PSPSCl (P±C-P»CH Cf PîPsCḡP»C-,
 P»PëC...PsPjP°PSPeP°).

*P PµPSPsPIP°CfPeCzP»ClCḡPSP° Pïc-PîPµCḡC,PµPSP·C-Cl. Pj PîP°C†C-C”PSC,C-PI C-P·
 PrPIPps±C-C†PSPëPj CfC,PµPSPsP·PsPj PSPëCḡPePsPIPëC... P°CḡC,PµCḡC-PNë P°P±Ps
 CfC,PµPSPsP·PsPj P°CḡC,PµCḡC-C— C”PrPëPSPsC— C,,CfPSPeC†C-PsPSCfCḡC†PsC—
 PSPëCḡPePë Pïc-Pr C†P°Cf P»C-PeCfPIP°PSPSCl C-PSPiC-P±C-C,PscḡP°PjPë PḡPµPḡ
 Pïc-PrPIPëC%CfC”C,CHCfCf CḡPëP·PëPe PIPëPSPëPePSPµPSPSCl
 P°CḡC,PµCḡC-P°P»CHbPSPsC— Pïc-PîPsC,PµPSP·C-C— C,P° PSPëCḡPePsIPsC—
 PSPµPrPsCfC,P°C,PSPsCfC,C- (PrPëPI. CḡPsP·PrC-P» B«PµCḡPsC,PëPîPsPeP°P·P°PSPSClB»).*
*P—P°CfC,PsCfCfPIP°PSPSCl PrC-CfCḡPµC,PëPeC-PI PjPsP¶Pµ P±CfC,Pë
 CfPïcḡPëCfC,P»PëPIPëPj C,,P°PeC,PscḡPsPj. P—PSPëP¶PµPSPSCl C,,CfPSPeC†C-C—
 PSPëCḡPsPe PjPsP¶Pµ CfCfPïcḡPsIPsPrP¶CfPIP°C,PëCfCH P»PëCëPµ PSPµP·PSP°C†PSPëPjPë
 P·PjC-PSP°PjPë CḡC-PIPSCl PeCḡPµP°C,PëPSC-PSCr Cf CfPëCḡPsPIP°C,C†C- PeCḡPsPIC-
 PSP°PIC-C,CH Cf PîP°C†C-C”PSC,C-PI P· PsPrPSPsP±C-C†PSPëPj CfC,PµPSPsP·PsPj
 PSPëCḡPePsIPsC— P°CḡC,PµCḡC-C—.*

*PµPsPrPIC-PNëPSP° P±P»PsPeP°PrP° CḡPµPSC-PS-P°PSPiC-PsC,PµPSP·PëPS-
 P°P»CHbPrPsCfC,PµCḡPsPSPsIPsC— CfPëCfC,PµPjPë (P PḡPḡPÿ). P†CfPSCfCḡC,CH PrP°PSC-,
 C%Ps PsPrPSPsC†P°CfPSPëPNë PïcḡPëPNëPsPj C-PSPiC-P±C-C,PscḡC-PI PḡPµPḡ,
 P±P»PsPeP°C,PscḡC-PI CḡPµC†PµPïc,PscḡC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P† P°P±Ps
 P°P»C-CfPeC-CḡPµPSCr Pïc-PrPIPëC%CfC” CḡPëP·PëPe PIPëPSPëPePSPµPSPSCl
 Pïc-PîPsC,PµPSP·C-C—, Pïc-PîPµCḡPeP°P»C-C”PjC-C— C,P° P·PSPëP¶PµPSPSCl
 C,,CfPSPeC†C-C— PSPëCḡPsPe (PIPeP»CḡC†P°CḡC†Pë PîPsCfC,CḡCf PSPëCḡPePsPICr
 PSPµPrPsCfC,P°C,PSC-CfC,CH). PÿPsPjCf PîPsPrPIC-PNëPSP° P±P»PsPeP°PrP° P PḡPḡPÿ
 CëP»ClC...PsPj PsPrPSPsC†P°CfPSPsPîPs PïcḡPëPNëPsPjCf C-PSPiC-P±C-C,PscḡC-PI PḡPµPḡ,
 P±P»PsPeP°C,PscḡC-PI CḡPµC†PµPïc,PscḡC-PI P°PSPiC-PsC,PµPSP·PëPSCr P†P† P°P±Ps
 P°P»C-CfPeC-CḡPµPSCr PSPµ CḡPµPePsPjPµPSPrPsPIP°PSP° (PrPëPI. CḡPsP·PrC-P»
 B«P·P·P°C”PjPsPrC-Cl P· C-PSCëPëPjPë P»C-PeP°CḡCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P°
 C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»). PîPeC%Ps P»C-PeCfPIP°PSPSCl P·
 PsPrPSPsC†P°CfPSPëPj P·P°CfC,PsCfCfPIP°PSPSClPj PrPIPsc... P±P»PsPeP°C,PscḡC-PI*

P PħPħPŸ PIPIP°P¶P°C”C,CHCÍCÍ C P°P±CÍPsP»CHC,PSPs PSPµPsP±C...C-PrPSPëPj, PIPsPSPs
PjPsP¶Pµ PIC-PrP±CÍPIP°C,PëCÍCÍ C,C-P»CHPePë Pïc-Pr PSP°PiP»CÍPrPsPj
CÍPiPµC†C-P°P»C-CÍC,P° C,P° P·P° CÍPjPsPIPë C†P°CÍC,PsPiPs CħPµC,PµP»CHPSPsPiPs
PjPsPSC-C,PsCħPëPSPiCÍ C,,CÍPSPeC†C-C— PSPëCħPsPe, CħC-PIPSCÍ
PµP»PµPeC,CħPsP»C-C,C-PI C,P° P°CħC,PµCħC-P°P»CHPSPsPiPs C,PëCÍPeCÍ.
P†PSPiC-P±C-C,PsCħPë PħPµPα C- P±P»PsPeP°C,PsCħPë CħPµC†PµPïc,PsCħC-PI
P°PSPiC-PsC,PµPSP·PëPSCÍ P†P† PSPµ CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë
PsPrPSPsC†P°CÍPSPs PïP°C†C-C”PSC,P°Pj P· PrC-P°P±PµC,PëC†PSPsCħ
PSPµC,,CħPsPïP°C,C-C”Cħ.

PµPµCħPIPëPSPSPëPñ P°P»CHPrPsCÍC,PµCħPsPSC-P·Pj. PµP°C†C-C”PSC,Pë P·
PïPµCħPIPëPSPSPëPj PiC-PïPµCħP°P»CHPrPsCÍC,PµCħPsPSC-P·PjPsPj, CÍPe PïcħP°PIPëP»Ps,
PSPµ PIC-PrPïPsPIC-PrP°CħC,CH PSP° P»C-PeCÍPIP°PSPSCÍ
P°PSC,PëPiC-PïPµCħC,PµPSP·PëPIPSPëPjPë P»C-PeP°CħCÍCHPePëPjPë P·P°CÍPsP±P°PjPë,
CÍPeC- PrC-CħC,CH CëP»CÍC...PsPj PïcħPëPiPSC-C†PµPSPSCÍ CħPµPSC-PS-
P°PSPiC-PsC,PµPSP·PëPSPsPiPsC— CÍPëCÍC,PµPjPë. PŸPsPjCÍ C,P°PePëPj PïP°C†C-C”PSC,P°Pj
P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PrP°PSPëPñ P»C-PeP°CħCÍCHPePëPñ P·P°CÍC-P± PSPµ
CħPµPePsPjPµPSPrCÍC”C,CHCÍCÍ.

P—P°PiPsP±C-P¶PSC- P·P°C...PsPrPë PïcħPë P·P°CÍC,PsCÍC¿PIP°PSPSC-
PïPµCħPëPSPrPsPïcħPëP»C¿

P”C-PiPsC,PµPSP·C-CÍ. P†PSPiC-P±C-C,PsCħPë PħPµPα PjPsP¶CÍC,CH CÍPïcħPëC†PëPSPëC,Pë
CħC-P·PePµ P·PSPëP¶PµPSPSCÍ P°CħC,PµCħC-P°P»CHPSPsPiPs C,PëCÍPeCÍ.
PŸPëPjPïc,PsPjP°C,PëC†PSP° PiC-PïPsC,PµPSP·C-CÍ CħC-PrPePs
CÍPiPsCÍC,PµCħC-PiP°C”C,CHCÍCÍ CÍ PïP°C†C-C”PSC,C-PI P· PSPµCÍCÍPeP»P°PrPSPµPSPsCħ
PiC-PïPµCħC,PµPSP·C-C”Cħ C,P° C†P°CÍC,C-CëPµ PIPëPSPëPeP°C” CÍ PïP°C†C-C”PSC,C-PI P·
PiC-PïPsPiPsP»PµPjC-C”Cħ, PSP°PïcħPëPeP»P°Pr PïcħPë C,PµCħP°Pïc-C—
PrC-CÍCħPµC,PëPeP°PjPë, Pïc-Pr C†P°CÍ P±PµP·CÍPsP»CHPsPiPsC— PrC-C”C,Pë, PïcħPë
PiPµPjPsPrC-P°P»C-P·C-, PrC-P°CħPµC— P°P±Ps P±P»CħPIP°PSPSC-, P°P±Ps CÍ
PïP°C†C-C”PSC,C-PI C-P· C,CÍP¶PePsCħ CħPµPSC-PS-P·P°P»PµP¶PSPsCħ
PiC-PïPµCħC,PµPSP·C-C”Cħ (PrPëPI. CħPsP·PrC-P»Pë B«P’P·P°C”PjPsPrC-CÍ P· C-PSCëPëPjPë
P»C-PeP°CħCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PñB»
C,P° B«PµPsP±C-C†PSC- CħPµP°PeC†C-C—B»). PµP°C†C-C”PSC,P°Pj P· PIPëCÍPsPePëPj
CħPëP·PëPePsPj PIPëPSPëPePSPµPSPSCÍ CÍPëPjPïc,PsPjP°C,PëC†PSPsC—
PiC-PïPsC,PµPSP·C-C—, P° C,P°PePsP¶ PïP°C†C-C”PSC,P°Pj P· C-CëPµPjC-C†PSPsCħ
C...PIPsCħPsP±PsCħ CÍPµCħC†CÍ P°P±Ps P· C†PµCħPµP±CħPsPIP°CÍPeCÍP»CÍCħPSPëPjPë
P·P°C...PIPsCħCħPIP°PSPSCÍPjPë, PI CÍPePëC... PSP°PrPjC-CħPSPµ P·PSPëP¶PµPSPSCÍ
P°CħC,PµCħC-P°P»CHPSPsPiPs C,PëCÍPeCÍ PjPsP¶Pµ CÍPïcħPëC†PëPSPëC,Pë
CħPsP·PIPëC,PsPe C-PSC,,P°CħPeC,CÍ PjC-PsPeP°CħPrP° P°P±Ps C-PSCÍCÍP»CHC,CÍ, Pïc-Pr
C†P°CÍ P»C-PeCÍPIP°PSPSCÍ P»C-PeP°CħCÍCHPePëPj P·P°CÍPsP±PsPj PħPħ-PħP·P†PŸP·P
CÍP»C-Pr CħPµC,PµP»CHPSPs PePsPSC,CħPsP»CħPIP°C,Pë P°CħC,PµCħC-P°P»CHPSPëPñ
C,PëCÍPe, C,,CÍPSPeC†C-Cħ PSPëCħPsPe, P° C,P°PePsP¶ PePsPSC†PµPSC,CħP°C†C-Cħ
PeP°P»C-Cħ CÍ CÍPëCħPsPIP°C,C†C- PeCħPsPIC-. PµCħPë PIPëPSPëPePSPµPSPSC-
PiC-PïPsC,PµPSP·C-C— PïP°C†C-C”PSC,P° PSPµPsP±C...C-PrPSPs PïPµCħPµPIPµCÍC,Pë CÍ
PiPsCħPëP·PsPSC,P°P»CHPSPµ PïPsP»PsP¶PµPSPSCÍ C,P° CÍ CħP°P·C-
PSPµPsP±C...C-PrPSPsCÍC,C- PIPiPµCÍC,Pë PIPSCÍC,CħC-CëPSCħPsPiPµPSPSPs 0,9 %
CħPsP·C†PëPS C...P»PsCħPëPrCÍ PSP°C,CħC-Cħ. PŸCħP°PSP·PëC,PsCħPSP°
PiC-PïPsC,PµPSP·C-CÍ PSP° PiPsC†P°C,PeCÍ P»C-PeCÍPIP°PSPSCÍ PSPµ C”
PïcħPsC,PëPiPsPeP°P·P°PSPSCÍPj PrP»CÍ PïPsPrP°P»CHCëPsPiPs PïcħPëPñPsPjCÍ
P»C-PeP°CħCÍCHPePsPiPs P·P°CÍPsP±CÍ, CÍPePëPñ P·P°P·PIPëC†P°Pñ PjPsP¶PSP°

$P_{\mu}P_{\mu}C\ddagger C-PSPePsPIP^{\circ}PSP_{\mu}PrPsC\acute{I}C,P^{\circ}C,PSC-C\acute{I}C,CH_{\bullet}$. $P\ C-PrPePs\ P\ddot{I}C\ddot{H}P\ddot{E}Pn_{\bullet}PsPj$
 $C-PSPiC-P\pm C-C,P_sC\ddot{H}C-PI\ P\ddot{H}P_{\mu}\alpha\ P\pm CrPI\ P\ddot{i}PsPIb\ddot{H}^{\text{TM}}C\ddot{I}P\cdot P^{\circ}PSP\ddot{E}Pn_{\bullet}\ C-P\cdot\ C\acute{I}P\ddot{E}PSPrC\ddot{H}PsPjPsPj,$
 $C\ddot{I}PeP\ddot{E}Pn_{\bullet}\ P\ddot{i}PsC\ddagger P\ddot{E}PSP^{\circ}C,C\ddot{H}C\acute{I}C\ddot{I}\ P\cdot\ C...PsP\rangle P_{\mu}C\acute{I}C,P^{\circ}C,P\ddot{E}C\ddagger PSPsC-P\ P\ddot{I}PsPIC,C\ddot{I}PSP\ddot{E}C\ddagger C-$
 $C,P^{\circ}\ C\ddot{H}PsP\cdot PIP\ddot{E}PIP^{\circ}C,C\ddot{H}C\acute{I}C\ddot{I}\ Cr\ C\epsilon PIP\ddot{E}PrPePsP\ddot{i}P\rangle P\ddot{E}PSPSP\ddot{E}Pn_{\bullet}\ PSP_{\mu}PeC\ddot{H}PsP\cdot$
 $P\ddot{i}P_{\mu}C\ddagger C-PSPeP\ddot{e},\ C-PSPsPrC-P\cdot\ P\rangle P_{\mu}C,P^{\circ}P\rangle C\ddot{H}PSP\ddot{E}Pj\ PSP^{\circ}C\acute{I}P\rangle C-PrPePsPj.\ P_{\text{H}}P_{\mu}C...P^{\circ}PSC-P\cdot Pj$
 $PIP\ddot{E}PSP\ddot{E}PePSP_{\mu}PSPSC\ddot{I}\ C\ddagger C\ddot{H}PsPiPs\ C\acute{I}P\ddot{E}PSPrC\ddot{H}PsPjCr\ PSP_{\mu}PIC-PrPsPjP\ddot{E}Pn_{\bullet}.$
 $P_{\mu}P^{\circ}C\ddagger C-C^{\circ}PSC,P\ddot{e},\ Cr\ C\ddot{I}PeP\ddot{e}C...PSP^{\circ}\ C,P\rangle C-P\ddot{I}C\ddot{H}P\ddot{E}Pn_{\bullet}PsPjCr\ C-PSPiC-P\pm C-C,P_sC\ddot{H}Cr\ P\ddot{H}P_{\mu}\alpha$

$\text{C}\bar{\text{T}}\bar{\text{J}}\text{P}\bar{\text{s}}\text{P}\cdot\text{P}\bar{\text{I}}\bar{\text{P}}\bar{\text{e}}\text{P}\bar{\text{I}}\text{P}^{\circ}\text{C}''\text{C}, \text{C}\bar{\text{H}}\bar{\text{C}}\bar{\text{I}}'\text{C}\bar{\text{I}}\bar{\text{I}}\text{ P}\bar{\text{I}}\text{P}\bar{\text{s}}\text{P}\bar{\text{I}}\text{C}, \text{C}\bar{\text{I}}\bar{\text{P}}\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{e}}\text{C}\bar{\text{I}}\bar{\text{C}}\bar{\text{I}}\text{ P}^{\circ}\text{P}\pm\text{P}\bar{\text{s}}\text{ P}\cdot\text{P}\bar{\text{S}}\bar{\text{P}}^{\circ}\text{C}\bar{\text{I}}\bar{\text{P}}\bar{\text{S}}\bar{\text{P}}\bar{\text{s}}$
 $\text{P}\bar{\text{i}}\text{C}-\text{P}\bar{\text{r}}\text{P}\bar{\text{I}}\bar{\text{P}}\bar{\text{e}}\text{C}\%_{\text{o}}\text{C}\bar{\text{r}}\text{C}''\text{C}, \text{C}\bar{\text{H}}\bar{\text{C}}\bar{\text{I}}'\text{C}\bar{\text{I}}\bar{\text{I}}\text{ C}\bar{\text{T}}\bar{\text{J}}\text{C}-\text{P}\bar{\text{I}}\bar{\text{P}}_{\mu}\text{P}\bar{\text{S}}\text{C}\bar{\text{H}}\text{ P}\bar{\text{i}}\text{P}_{\mu}\text{C}\bar{\text{I}}\text{C}-\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{e}}\text{P}\bar{\text{s}}\text{P}\bar{\text{I}}\bar{\text{P}}\bar{\text{e}}\text{C}\dots \text{P}_{\mu}\text{P}\bar{\text{S}}\bar{\text{P}}\cdot\text{P}\bar{\text{e}}\text{P}\bar{\text{j}}\text{C}-\text{P}\bar{\text{I}},$
 $\text{P}\bar{\text{i}}\text{P}\bar{\text{s}}\text{P}\bar{\text{I}}\bar{\text{P}}\bar{\text{e}}\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{S}}\text{C}-\text{P}\bar{\text{i}}\text{C}\bar{\text{T}}\bar{\text{J}}\text{P}\bar{\text{e}}\text{P}\bar{\text{i}}\bar{\text{P}}\bar{\text{e}}\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{e}}\text{C}, \text{P}\bar{\text{e}}\text{ P}\bar{\text{i}}\text{C}\bar{\text{T}}\bar{\text{J}}\text{P}\bar{\text{e}}\text{P}\bar{\text{N}}_{\text{o}}\text{P}\bar{\text{s}}\text{P}\bar{\text{j}}\text{ C}-\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{i}}\text{C}-\text{P}\pm\text{C}-\text{C}, \text{P}\bar{\text{s}}\text{C}\bar{\text{T}}\bar{\text{J}}\text{C}\bar{\text{r}}\text{ P}\bar{\text{h}}\text{P}_{\mu}\text{P}\bar{\alpha}\text{ C}, \text{P}^{\circ}$
 $\text{P}\bar{\text{s}}\text{C}, \text{C}\bar{\text{T}}\bar{\text{J}}\text{P}\bar{\text{e}}\text{P}\bar{\text{j}}\text{P}^{\circ}\text{C}, \text{P}\bar{\text{e}}\text{ P}\bar{\text{I}}\text{C}-\text{P}\bar{\text{r}}\text{P}\bar{\text{i}}\text{P}\bar{\text{s}}\text{P}\bar{\text{I}}\text{C}-\text{P}\bar{\text{r}}\text{P}\bar{\text{S}}\bar{\text{P}}_{\mu}\text{ P}\bar{\text{j}}\text{P}_{\mu}\text{P}\bar{\text{r}}\bar{\text{P}}\bar{\text{e}}\text{C}\bar{\text{I}}\bar{\text{P}}\bar{\text{S}}\bar{\text{P}}_{\mu}\text{ P}\bar{\text{s}}\text{P}\pm\text{C}\bar{\text{I}}'\text{C}, \text{P}_{\mu}\text{P}\bar{\text{I}}\text{P}_{\mu}\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{S}}\text{C}\bar{\text{I}}\bar{\text{I}}\text{ C}-$
 $\text{P}\gg\text{C}-\text{P}\bar{\text{e}}\text{C}\bar{\text{r}}\text{P}\bar{\text{I}}\text{P}^{\circ}\text{P}\bar{\text{S}}\bar{\text{P}}\bar{\text{S}}\text{C}\bar{\text{I}}\bar{\text{I}}\text{ (P}\bar{\text{r}}\text{P}\bar{\text{e}}\text{P}\bar{\text{I}}. \text{C}\bar{\text{T}}\bar{\text{J}}\text{P}\bar{\text{s}}\text{P}\cdot\text{P}\bar{\text{r}}\text{C}-\text{P}\gg\text{ B}\ll\text{P}_{\mu}\text{P}\bar{\text{s}}\text{P}\pm\text{C}-\text{C}\bar{\text{I}}\bar{\text{P}}\bar{\text{S}}\text{C}-\text{C}\bar{\text{T}}\bar{\text{J}}\text{P}_{\mu}\text{P}^{\circ}\text{P}\bar{\text{e}}\text{C}\bar{\text{I}}\bar{\text{C}}-\text{C}-\text{B}\gg).$

PeP°P»C-PN₂P·P±PμC₇C-PiP°C₇C₇PēPjPē PrC-CrC₇PμC,PēPeP°PjPē
 (CīPīC-C₇PsPSPsP»P°PeC,PsPS, PμPīP»PμC₇PμPSPsPS, C,C₇PēP°PjC,PμC₇PμPS P°P±Ps
 P°PjC-P»PsC₇PēPr), P· C...P°C₇C₇PsPIPēPjPē PrPsP±P°PIPeP°PjPē, C%₀Ps PjC-CīC,CīC,C₇
 PeP°P»C-PN₂, P°P±Ps P·P°PjC-PSPSPēPeP°PjPē CīPsP»C- P· PeP°P»C-C" Pj, P°P±Ps PīC₇PēPN₂PsPj
 C-PSCēPēC... P»C-PeP°C₇CīC₇PePēC... P·P°CīPsP±C-PI, C%₀Ps PIPēPeP»PēPeP°C₇C,C₇
 PīC-PrPIPēC%₀PμPSPSCī PePsPSC†PμPSC,C₇P°C†C-C— PeP°P»C-C₇ Cr CīPēC₇PsPIP°C,C†C-
 PeC₇PsPIC- (PiPμPīP°C₇PēPS, PePs-C,C₇PēPjPsPeCīP°P·PsP», C,P°PePsP¶ PIC-PrPsPjPēPN₂ CīPe
 C,C₇PēPjPμC,PsPīC₇PēPj/CīC†P»C₇C,,P°PjPμC,PsPeCīP°P·PsP»), C- PsCīPsP±P»PēPIPs
 P°PSC,P°PiPsPSC-CīC,C-PI P°P»C₇PrPsCīC,PμC₇PsPSC† P°P±Ps P±P»PsPeP°C,PsC₇C-PI
 C₇PμC†PμPīC,PsC₇C-PI P°PSPiC-PsC,PμPSP·PēPSC†. P—P°CīC,PsCīC†PIP°PSPSCī
 C...P°C₇C₇PsPIPēC... PrPsP±P°PIPsPe, C%₀Ps PjC-CīC,CīC,C₇ PeP°P»C-PN₂,
 PeP°P»C-PN₂P·P±PμC₇C-PiP°C₇C₇PēC... PrC-CrC₇PμC,PēPeC-PI P°P±Ps P·P°PjC-PSPSPēPeC-PI
 CīPsP»C- P· PeP°P»C-C" Pj, PsCīPsP±P»PēPIPs Cr PīP°C†C-C" PSC,C-PI C-P·
 PīPsC₇C†CēPμPSPSCīPj C,,C†PSPeC†C-C— PSPēC₇PsPe, PjPsP¶Pμ PīC₇PēP·PIPμCīC,Pē PrPs
 P·PSP°C†PSPsPiPs PīC-PrPIPēC%₀PμPSPSCī C₇C-PIPSCī PeP°P»C-C₇ PI CīPēC₇PsPIP°C,C†C-
 PeC₇PsPIC-. P"C-PīPμC₇PeP°P»C-C" PjC-Cī PjPsP¶Pμ CīPīC₇PēC†PēPSPēC,Pē
 PIPēPSPēPePSPμPSPSCī CīPμC₇PN₂PsP·PSPsC—, C-PSPsPrC- P»PμC,P°P»C₇PsPSC—
 P°C₇PēC,PjC-C—. PμP°C†C-C" PSC,P°Pj, CīPeC- P·P°CīC,PsCīPsPIC†C₇C,C₇
 C-PSPiC-P±C-C,PsC₇Pē P₇PμPα, CīP»C-Pr P· PsP±PμC₇PμP¶PSC-CīC,C₇
 P·P°CīC,PsCīPsPIC†PIP°C,Pē PeP°P»C-PN₂P·P±PμC₇C-PiP°C₇C₇- PrC-CrC₇PμC,PēPePē C-
 P±P»PsPeP°C,PsC₇Pē C₇PμC†PμPīC,PsC₇C-PI P°PSPiC-PsC,PμPSP·PēPSC†, P° C,P°PePsP¶
 PīC₇PsPIPsPrPēC,Pē C₇PμC,PμP»C₇PsPēPN₂ PjPsPSC-C,PsC₇PēPSPi C₇C-PIPSCī PeP°P»C-C₇
 Cr CīPēC₇PsPIP°C,C†C- PeC₇PsPIC- C,P° C,,C†PSPeC†C-C— PSPēC₇PsPe. PīPeC%₀Ps
 PsPrPSPsC†P°CīPSPμ P·P°CīC,PsCīC†PIP°PSPSCī PīPμC₇PēPSPrPsPīC₇PēP»Cr C- P±CrPrC₇-
 CīPePsC— P· PIPēC%₀PμP·P°P·PSP°C†PμPSPēC... C₇PμC†PsPIPēPS PIPiP°P¶P°C"C,C₇CīCī
 PrPsC†C-P»C₇PsPēPj, C—C... CīP»C-Pr P·P°CīC,PsCīPsPIC†PIP°C,Pē P·
 PsP±PμC₇PμP¶PSC-CīC,C₇ C,P° C†P°CīC,Ps PePsPSC,C₇PsP»C₇PIP°C,Pē C₇C-PIPμPSC₇
 PeP°P»C-C₇ PI CīPēC₇PsPIP°C,C†C- PeC₇PsPIC- (PrPēPI. C₇PsP·PrC-P» B«P'P·P°C"PjPsPrC-Cī
 P· C-PSCēPēPjPē P»C-PeP°C₇CīC₇PePēPjPē P·P°CīPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē
 PIP·P°C"PjPsPrC-PN₂B»).

PμP°C†C-C" PSC,P°Pj C-P· C†C₇PeC₇PsPIPēPj PrC-P°P±PμC,PsPj, CīPeC- PīC₇PēPN₂PjP°C₇C,C₇
 PīPμC₇PsC₇P°P»C₇PsPIC- C†CrPeC₇PsP·PSPēP¶CīPIP°P»C₇PsPIC- P·P°CīPsP±Pē P°P±Ps
 PsC,C₇PēPjCrC₇C,C₇ C-PSCīC†P»C-PS, PSPμPsP±C...C-PrPSPs C₇PμC,PμP»C₇PsP
 PePsPSC,C₇PsP»C₇PIP°C,Pē C₇C-PIPμPSC₇ PiP»C-PePμPjC-C— PīC₇PsC,CīPiPsPj
 PīPμC₇CēPsPiPs PjC-CīCīC†Cī C,PμC₇P°PīC-C— C-PSPiC-P±C-C,PsC₇P°PjPē P₇PμPα (PrPēPI.
 C₇PsP·PrC-P» B«P'P·P°C"PjPsPrC-Cī P· C-PSCēPēPjPē P»C-PeP°C₇CīC₇PePēPjPē
 P·P°CīPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-PN₂B»).

P—P°PiPsP±C-P¶PSC- P·P°C...PsPrPē PīC₇Pē P·P°CīC,PsCīC₇PIP°PSPSC- P°PjP»PsPrPēPīC-PSC₇

P'PμP·PīPμPeCr C,P° PμC,,PμPeC,PēPIPS-CīC,C₇ P·P°CīC,PsCīC†PIP°PSPSCī
 P°PjP»PsPrPēPīC-PSC† Cr CīC,P°PSC- PīC-PīPμC₇C,PsPSC-C†PSPsPiPs PeC₇PēP·Cr
 PrPsPIPμPrPμPSPs PSPμ P±CrP»Ps.

PŸPμC₇C†PμPIP° PSPμPrPsCīC,P°C,PSC-CīC,C₇. PŸP°PePēPj PīP°C†C-C" PSC,P°Pj
 PīC₇PēP·PSP°C†P°C,Pē P°PjP»PsPrPēPīC-PS CīP»C-Pr P· PsP±PμC₇PμP¶PSC-CīC,C₇. Pj
 PrPsPIPiPsC,C₇PēPIP°P»PsPjCr PīP»P°C†PμP±PsPePsPSC,C₇PsP»C₇PsPIP°PSPsPjCr
 PrPsCīP»C-PrP¶PμPSPSC- P· CrC†P°CīC,C₇ PīP°C†C-C" PSC,C-PI C-P· CīPμC₇C†PμPIPsC₇
 PSPμPrPsCīC,P°C,PSC-CīC,C₇ C,CīP¶PePsPiPs CīC,C†PīPμPSCī (P†P†P†BŸ"IV
 C,,C†PSPeC†C-PsPSP°P»C₇PsPēC... PeP»P°CīC-PI NYHA) PīC₇Pē P·P°CīC,PsCīC†PIP°PSPSC-
 P°PjP»PsPrPēPīC-PSC† C†P°CīC,PsC,P° PIPēPīP°PrPeC-PI C₇PsP·PIPēC,PeCr PSP°P±C₇CīPeCr

P»PµPiPµPSCĤ P±CfP»P° PIPëC%PsCĤ PĭPsCĤC-PIPSCĬPSPs C-P·
P·P°CfC,PsCfCfPIP°PSPSCĬPj PĭP»P°C†PµP±Ps (PrPëPI. CĤPsP·PrC-P»
B«PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°B»). PhPSC,P°PiPsPSC-CfC,Pë PeP°P»CHC†C-CĤ,
PIPeP»CHC†P°CĤC†Pë P°PjP»PsPrPëPĭC-PS, PSPµPsP±C...C-PrPSPs PĭCĤPëP·PSP°C†P°C,Pë P·
PsP±PµCĤPµP¶PSC-CfC,CĤ PĭP°C†C-C”PSC,P°Pj C-P· P·P°CfC,C-PNëPSPsCĤ
CfPµCĤC†PµPIPsCĤ PSPµPrPsCfC,P°C,PSC-CfC,CĤ, C,PsPjCf C%Ps PIPsPSPë PjPsP¶CfC,CH
PĭC-PrPIPëC%CrPIP°C,Pë CĤPëP·PëPe CĤPsP·PIPëC,PeCf
PeP°CĤPrC-PsPIP°CfPeCfP»CĬCĤPSPëC... PĭPsPrC-PNë C,P° P»PµC,P°P»CHPSPsPiPs
PSP°CfP»C-PrPeCf Cf PjP°PNëP±CfC,PSCĤPsPjCf.

PµPµC†C-PSPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH. Pj PĭP°C†C-C”PSC,C-PI C-P·
PĭPsCĤCfC€PµPSPSCĬPj C,,CfPSPeC†C-C— PĭPµC†C-PSPePë PĭPµCĤC-PsPr
PSP°PĭC-PIPIPëPĭPµPrPµPSPSCĬ P°PjP»PsPrPëPĭC-PSCf C” PĭPsPrPsPIP¶PµPSPëPj, P°
P·PSP°C†PµPSPSCĬ AUC BĤ” PIPëCfPsPePµ; CĤPµPePsPjPµPSPPrP°C†C-C— C%PsPrPs
PrPsP·CfPIP°PSPSCĬ PSPµ PIPëP·PSP°C†PµPSC-. PÿPsPjCf P»C-PeCfPIP°PSPSCĬ
P°PjP»PsPrPëPĭC-PSPsPj PSPµPsP±C...C-PrPSPs CĤPsP·PĭPsC†PëPSP°C,Pë P·
PSP°PNëPSPëP¶C†PëC... PrPsP· C,P° P· PsP±PµCĤPµP¶PSC-CfC,CĤ CĬPe PĭCĤPë
C-PSC-C†C-P°C†C-C— P»C-PeCfPIP°PSPSCĬ, C,P°Pe C- PĭC-Pr C†P°Cf PĭC-PrPIPëC%PµPSPSCĬ
PrPsP·. PµP°C†C-C”PSC,P°Pj P· PĭPsCĤCfC€PµPSPSCĬPj C,,CfPSPeC†C-C— PĭPµC†C-PSPePë
C,CĬP¶PePsPiPs CfC,CfPĭPµPSCĬ PjPsP¶Pµ P±CfC,Pë PSPµPsP±C...C-PrPSPëPj
PĭPsCfC,CfPĭPsPIPëPNë PĭC-PrP±C-CĤ PrPsP· C,P° CĤPµC,PµP»CHPSPëPNë
PjPsPSC-C,PsCĤPëPSPi.

PµP°C†C-C”PSC,Pë P»C-C,PSCĤPsPiPs PIC-PeCž. PµC-PrPIPëC%CrPIP°C,Pë PrPsP·Cf
PĭP°C†C-C”PSC,P°Pj P»C-C,PSCĤPsPiPs PIC-PeCf PĭPsC,CĤC-P±PSPs P·
PsP±PµCĤPµP¶PSC-CfC,CĤ (PrPëPI. CĤPsP·PrC-P»Pë B«PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°B» C-
B«PÿPĭPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCĬ C,P° PrPsP·PëB»).

PkPëCĤPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH. PÿP°PePëPj PĭP°C†C-C”PSC,P°Pj
P°PjP»PsPrPëPĭC-PS PjPsP¶PSP° P·P°CfC,PsCfCfPICfPIP°C,Pë Cf P·PIPëC†P°PNëPSPëC...
PrPsP·P°C.... PµPsP»PëPIP°PSPSCĬ PePsPSC†PµPSC,CĤP°C†C-C— P°PjP»PsPrPëPĭC-PSCf Cf
PĭP»P°P·PjC- PeCĤPsPIC- PSPµ P·P°P»PµP¶P°C,CH PIC-Pr CfC,CfPĭPµPSCĬ PSPëCĤPePsPiPsC—
PSPµPrPsCfC,P°C,PSPsCfC,C-. PhPjP»PsPrPëPĭC-PS PSPµ PIPëPIPsPrPëC,CHCfCĬ PĭC-Pr
C†P°Cf PrC-P°P»C-P·Cf.

P—P°CfC,PµCĤPµP¶PµPSPSCĬ C%PsPrPs P·P°CfC,PsCfCžPIP°PSPSCĬ
P»C-PeP°CĤCfCHPePsPiPs P·P°CfPsP±Cž PhPµ-PħP>P†PÿP·P

P”PsPĭPsPjP¶PSi CĤPµC†PsPIPëPSPë. P”Ps CfPeP»P°PrCf P»C-PeP°CĤCfCHPePsPiPs
P·P°CfPsP±Cf PIC...PsPrPëC,CH P»P°PeC,PsP·P°, C,PsPjCf PĭP°C†C-C”PSC,P°Pj P·
CfCĤPsPrP¶PµPSPsCĤ PSPµPĭPµCĤPµPSPsCfPëPjC-CfC,CĤ PĭP°P»P°PeC,PsP·Pë,
CfPëPSPPrCĤPsPjPsPj PjP°P»CHP°P±CfPsCĤP±C†C-C— PĭP»CHPePsP·Pë C,P°
PĭP°P»P°PeC,PsP·Pë, P·P°PĭP°P»CHPSPëPj PrPµC,,C-C†PëC,PsPj P»P°PeC,P°P·Pë PSPµ
CĤPµPePsPjPµPSPPrPsPIP°PSPs PNëPsPiPs PĭCĤPëP·PSP°C†P°C,Pë.

P’P·P°C”PjPsPrC-C—. PhPrPSPsC†P°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSCĬ P»C-C,C-CĤ,
PeP°P»C-PNëP·P±PµCĤC-PĭP°CĤC†PëC... P»C-PeP°CĤCfCHPePëC... P·P°CfPsP±C-PI,
C...P°CĤC†PsPIPëC... PrPsP±P°PIPsPe, C%Ps PjC-CfC,CĬC,CH PeP°P»C-PNë, P°P±Ps
PrP°PSC,CĤPsP»PµPSCf P· P»C-PeP°CĤCfCHPePëPj P·P°CfPsP±PsPj PhPµ-PħP>P†PÿP·P PSPµ
CĤPµPePsPjPµPSPPrPsPIP°PSPµ (PrPëPI. CĤPsP·PrC-P» B«P’P·P°C”PjPsPrC-CĬ P·
C-PSC€PëPjPë P»C-PeP°CĤCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C”PjPsPrC-PNëB»).

***P—P°CÍC,PsCÍCzPIP°PSPSCÍ Cz PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PiPsPrCzPIP°PSPSCÍ PiCĤCzPrPrCĤ.***

P—P°CÍC,PsCÍCzPIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PĥPĥ-PĥP>P†PŷP·P
PiCĤPsC,PëPiPsPeP°P·P°PSPµ CÍ PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C-.

P—P°CÍC,PsCÍCzPIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±CÍ PĥPĥ-PĥP>P†PŷP·P
PSPµ CĤPµPePsPjPµPSPPrPsPIP°PSPµ CÍ PiPµCĤC-PsPr PiPsPrCÍPIP°PSPSCÍ PiCĤCÍPrPrCĤ. PJ
CĤP°P·C- PSPµPsP±C...C-PrPSPsCÍC,C- P·P°CÍC,PsCÍCzPIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±CÍ PiPsPrCÍPIP°PSPSCÍ PiCĤCÍPrPrCĤ CÍP»C-Pr PiCĤPëPiPëPSPëC,Pë.

P'P°PiC-C,PSC-CÍC,CH

PµPµCĤPëPSPPrPsPiCĤPëP». P—P°CÍC,PsCÍCzPIP°PSPSCÍ C-PSPiC-P±C-C,PsCĤC-PI PĥPµPα
PiCĤPsC,PëPiPsPeP°P·P°PSPµ CÍ PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C-.
PµPµCĤPµPePsPSP»PëPIPëC... PµPiC-PrPµPjC-PsP»PsPiC-C±PSPëC... PrPsPeP°P·C-PI
C,PµCĤP°C,PsPiPµPSPSPsPiPs CĤPëP·PëPeCÍ PiCĤPë P·P°CÍC,PsCÍCzPIP°PSPSC-
C-PSPiC-P±C-C,PsCĤC-PI PĥPµPα PiCĤPsC,CÍPiPsPj P† C,CĤPëPjPµCÍC,CĤCÍ
PIP°PiC-C,PSPsCÍC,C- PSPµPjP°C"; PsPrPSP°Pe PSPµ PjPsP¶PSP° PIPëPeP»CĤC±P°C,Pë
PSPµPIPµP»PëPePµ PiC-PrPIPëC%PµPSPSCÍ C†CHPsPiPs CĤPëP·PëPeCÍ. PJ CĤP°P·C- PePsP»Pë
PiCĤPsPrPsPIP¶PµPSPSCÍ P»C-PeCÍPIP°PSPSCÍ C-PSPiC-P±C-C,PsCĤP°PjPë PĥPµPα
PIPIP°P¶P°C",CHCÍCÍ PsP±PsPiBĤ™ CÍP·PePsPIPëPj, PiP°C†C-C"°PSC,PsPe, CÍPeC-
PiP»P°PSCÍCĤC,CH PIP°PiC-C,PSC-CÍC,CH, CÍP»C-Pr PiPµCĤPµPIPµCÍC,Pë PSP°
P°P»CHC,PµCĤPSP°C,PëPIPSC- P°PSC,PëPiC-PiPµCĤC,PµPSP·PëPIPSC- P»C-PeP°CĤCÍCHPeC-
P·P°CÍPsP±Pë, CÍPeC- PjP°CĤC,CH PiC-PrC,PIPµCĤPrP¶PµPSCÍ P±PµP·PiPµPeCÍ
P·P°CÍC,PsCÍCzPIP°PSPSCÍ PI PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C-. PiPeC%Ps PI
PiPµCĤC-PsPr P»C-PeCÍPIP°PSPSCÍ PiC-PrC,PIPµCĤPrP¶CÍC",CHCÍCÍ
PIP°PiC-C,PSC-CÍC,CH, P»C-PeCÍPIP°PSPSCÍ C-PSPiC-P±C-C,PsCĤP°PjPë PĥPµPα CÍP»C-Pr
PSPµPiP°PNPSPs PiCĤPëPiPëPSPëC,Pë C-, CÍPeC%Ps PSPµPsP±C...C-PrPSPs, P·P°PjC-PSPëC,Pë
C-PSCëPëPj P»C-PeP°CĤCÍCHPePëPj P·P°CÍPsP±PsPj, PrPsP·PiPsP»PµPSPëPj PrP»CÍ
P·P°CÍC,PsCÍCzPIP°PSPSCÍ PIP°PiC-C,PSPëPj. P'C-PrPsPjPs, C%Ps PiCĤPëPNPSPj
C-PSPiC-P±C-C,PsCĤC-PI PĥPµPα PiC-Pr C±P°CÍ P†P† C- P†P†P† C,CĤPëPjPµCÍC,CĤC-PI
PIP°PiC-C,PSPsCÍC,C- PiCĤPëP·PiPsPrPëC,CH PrPs C,,PµC,PsC,PsPeCÍPëC±PSPsCÍC,C-
(PiPsCĤCÍCëPµPSPSCÍ C,,CÍPSPeC†C-C— PSPëCĤPsPe, PjP°P»PsPiPsPrPrCÍ,
CÍPiPsPIC-P»CHPSPµPSPSCÍ C,,PsCĤPjCÍPIP°PSPSCÍ PeC-CÍC,PePsPiPsC—
C,PeP°PSPëPSPë C±PµCĤPµPiP°) C,P° PrPs PSPµPsPSP°C,P°P»CHPSPsC—
C,PsPeCÍPëC±PSPsCÍC,C- (PSPëCĤPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH,
P°CĤC,PµCĤC-P°P»CHPSP° PiC-PiPsC,PµPSP·C-CÍ, PiC-PiPµCĤPeP°P»C-C"PjC-CÍ). PiPeC%Ps
P¶ C-PSPiC-P±C-C,PsCĤPë PĥPµPα PiCĤPëPNPjP°P»Pë P· P†P† C,CĤPëPjPµCÍC,CĤCÍ
PIP°PiC-C,PSPsCÍC,C-, CĤPµPePsPjPµPSPPrPsPIP°PSPs CÍP»CHC,CĤP°P·PICÍPePsPIPµ
PsP±CÍC,PµP¶PµPSPSCÍ C,,CÍPSPeC†C-PN PSPëCĤPsPe C,P° P±CÍPrPsPIPë
C±PµCĤPµPiP° PSPsPiPsPSP°CĤPsPrP¶PµPSPsPiPs. P—P°
PSPsPiPsPSP°CĤPsPrP¶PµPSPëPjPë, C±PëC— PjP°C,PµCĤC- CÍ PiPµCĤC-PsPr
PIP°PiC-C,PSPsCÍC,C- PiCĤPëPNPjP°P»Pë C-PSPiC-P±C-C,PsCĤPë PĥPµPα, CÍP»C-Pr
CÍPiPsCÍC,PµCĤC-PiP°C,Pë PrP»CÍ CÍPiPsC" C±P°CÍPSPsPiPs PIPëCÍPIP»PµPSPSCÍ C-
PePsCĤPµPeC†C-C— P°CĤC,PµCĤC-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C—.

PĥPjP»PsPrPëPiC-PS. P'PµP·PiPµPeCÍ P·P°CÍC,PsCÍCzPIP°PSPSCÍ P°PjP»PsPrPëPiC-PSCÍ
PIP°PiC-C,PSPëPjPë P¶C-PSPeP°PjPë PICÍC,P°PSPsPIP»PµPSPs PSPµ P±CÍP»Ps. PJ

PrPsCfP»C-PrP¶PµPSPSC¶C... PSP° C,PIP°C¶PëPSP°C... C,PsPeCfPëC¶PSPëPNë PIP¶P»PëPI PSP°
C¶PµPïC¶PSPPrCrPeC,PëPIPSC-CfC,CH C¶PïPsCfC,PµC¶C-PiP°PICfC¶C PïC-Pr C¶P°Cf
PIPIPµPrPµPSPSC¶C PIPëCfPsPePëC... PrPsP· P—P°CfC,PsCfCrPIP°PSPSC¶C
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cr Cr PïPµC¶C-PsPr PIP°PiC-C,PSPsCfC,C-
C¶PµPePsPjPµPSPPrPsPIP°PSPµ C,C-P»CHPePë Cr C¶P°P·C- PIC-PrCfCrC,PSPsCfC,C-
P±PµP·PïPµC¶PSC-CëPsPiPs P°P»CHC,PµC¶PSP°C,PëPIPSPsPiPs P»C-PeCfPIP°PSPSC¶C C-
PePsP»Pë P·P°C...PIPsC¶C¶PIP°PSPSC¶C PjP°C” P±C-P»CHCëPëPNë C¶PëP·PëPe PrP»C¶C
PIP°PiC-C,PSPsC— C,P° PïP»PsPrP°.

P”PsPrCáPIP°PSPSC¶C PiC¶CáPrPrC¶

PµPµC¶PëPSPPrPsPiC¶PëP». PkPµ C¶PµPePsPjPµPSPPrPsPIP°PSPs P·P°CfC,PsCfCrPIP°PSPSC¶C
PïPµC¶PëPSPPrPsPiC¶PëP»Cr Cr PïPµC¶C-PsPr PiPsPrCrPIP°PSPSC¶C PiC¶CfPrPrC¶ Cr
P·PiB¶™ C¶P·PeCf P· PIC-PrCfCrC,PSC-CfC,CH PrP°PSPëC.... PµC-Pr C¶P°Cf
PiPsPrCrPIP°PSPSC¶C PiC¶CfPrPrC¶ P±P°P¶P°PSPs PïC¶PëP·PSP°C¶PëC,Pë
P°P»CHC,PµC¶PSP°C,PëPIPSPµ P»C-PeCfPIP°PSPSC¶C C-P· P±C-P»CHCë
PrPsCfP»C-PrP¶PµPSPëPj PïC¶PSC,,C-P»PµPj P±PµP·PïPµPePë, PsCfPsP±P»PëPIPs PïC-Pr
C¶P°Cf PiPsPrCrPIP°PSPSC¶C PSPsPiPsPSP°C¶PSPPrP¶PµPSPsPiPs P°P±Ps
PSPµPrPsPSPsCëPµPSPsPiPs PSPµPjPsPIP»C¶C,Pë.

P¶PjP»PsPrPëPiC-PS. P¶PjP»PsPrPëPiC-PS PïC¶PSPëPeP°C” Cr PiC¶CfPrPSPµ
PjPsP»PsPePs. P”PsP·P°, PsC,C¶PëPjP°PSP° PSPµPjPsPIP»C¶Pj,
PsC†C-PSCHPIP°P»P°CfC¶C PSP° PjC-P¶PePIP°C¶C,PëP»CHPSC-PNë PsCfPSPsPIC- C-
P·PSP°C...PsPrPëC,CHCfC¶C PI PrC-P°PïP°P·PsPSC- 3B¶”7 % P·
PjP°PeCfPëPjP°P»CHPSPëPj P·PSP°C¶PµPSPSC¶C Pj 15 % PIC-Pr PïC¶PëPNëPSC¶C,PsC—
PjP°C,C-C¶B¶™ C¶ PrPsP·Pë. P’PïP»PëPI P°PjP»PsPrPëPiC-PSCr PSP° PSPµPjPsPIP»C¶C,
PSPµPIC-PrPsPjPëPNë. P C-CëPµPSPSC¶C C%PsPrPs
PïC¶PSPPrPsPIP¶PµPSPSC¶C/PïC¶PëPïPëPSPµPSPSC¶C PiPsPrCrPIP°PSPSC¶C
PiC¶CfPrPrC¶ P°P±Ps PïC¶PSPPrPsPIP¶PµPSPSC¶C/PïC¶PëPïPëPSPµPSPSC¶C
P»C-PeCfPIP°PSPSC¶C P°PjP»PsPrPëPiC-PSPsPj C¶P»C-Pr PïC¶PëPNëPjP°C,Pë,
P±PµC¶CfC¶Pë PrPs CrPIP°PiPë PePsC¶PëCfC,CH PIC-Pr PiPsPrCrPIP°PSPSC¶C
PiC¶CfPrPrC¶ PrP»C¶C PrPëC,PëPSPë C- PePsC¶PëCfC,CH PIC-Pr
P»C-PeCfPIP°PSPSC¶C P°PjP»PsPrPëPiC-PSPsPj PrP»C¶C PjP°C,PµC¶C-.

PµPµC¶C,PëP»CHPSC-CfC,CH

PµPµC¶PëPSPPrPsPiC¶PëP». P’PïP»PëPI PSP° C¶PµPïC¶PSPPrCrPeC,PëPIPSCr C,,CrPSPeC†C-C¶
P°P±Ps C,,PµC¶C,PëP»CHPSC-CfC,CH PIC-PrCfCrC,PSC-PNë.

P¶PjP»PsPrPëPiC-PS. PµC¶PSP PsP±PsC¶PSC,PSC- P±C-PsC...C-PjC-C¶PSC- P·PjC-PSPë Cr
PiPsP»PsPIC†C- C¶PïPµC¶PjP°C,PsP·PsC—PrP° PïPsPIC-PrPsPjP»C¶P»PsCfC¶C Cr
PrPµC¶PePëC... PïP°C†C-C”PSC,C-PI, C¶PeC- P»C-PeCfPIP°P»PëCfC¶C P±P»PsPeP°C,PsC¶P°PjPë
PeP°P»CHC†C-C”PIPëC... PeP°PSP°P»C-PI. P¶P»C-PSC-C¶PSC- PrP°PSC- C%PsPrPs
PïPsC,PµPSC†C-PNëPSPsPiPs PIPïP»PëPICr P°PjP»PsPrPëPiC-PSCr PSP°
C,,PµC¶C,PëP»CHPSC-CfC,CH C” PSPµPrPsCfC,P°C,PSC-PjPë. P’C-PrPsPjPs, C%Ps Cr
PrPsCfP»C-PrP¶PµPSPSC- PSP° C%CrC¶P°C... P±CrP»Ps PIPëC¶PIP»PµPSPs PïPsP±C-C¶PSCr
PrC-C¶ PSP° C,,PµC¶C,PëP»CHPSC-CfC,CH C¶P°PjC†C-PI.

***P—PrP°C,PSC-ClC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-ClC,CH CjPµP°PeC†C-C—
PïCjPë PePµCjCzPIP°PSPSC- P°PIC,PsC,CjP°PSCÍPïPsCjC,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.***

P"PsCÍP»C-PrP¶PµPSPSCl C%PsPrPs PIPiP»PëPICr P»C-PeP°CjCÍCHPePsPiPs P·P°CÍPsP±CÍ
PhPñ-PhP·P†PÿP·P PSP° P·PrP°C,PSC-ClC,CH PePµCjCÍPIP°C,Pë
C,CjP°PSCÍPïPsCjC,PSPëPjPë P·P°CÍPsP±P°PjPë C,P° PïCjP°C†CHPIP°C,Pë P· C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë PSPµ PïCjP°PSPsPrPëP»PëCÍCH. PhPjP»PsPrPëPïC-PS PjPsP¶Pµ
C†PëPSPëC,Pë PSPµP·PSP°C†PSPëPNë P°P±Ps PïPsPjC-CjPSPëPNë PIPiP»PëPI PSP°
P·PrP°C,PSC-ClC,CH PePµCjCÍPIP°C,Pë C,CjP°PSCÍPïPsCjC,PSPëPjPë P·P°CÍPsP±P°PjPë C,P°
PïCjP°C†CHPIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë. PhPsP¶P»PëPIPµ
PïPsCjCÍCëPµPSPSCl CjPµP°PeC†C-C— PIPsPrC-Cl CÍ CjP°P·C- PIPëPSPëPePSPµPSPSCl
P·P°PïP°PjPsCjPsC†PµPSPSCl, PïPsP»PsPIPSPsPiPs P±PsP»CH, CÍP»P°P±PePsCÍC,C-,
CÍC,PsPjP»CHPIP°PSPsCÍC,C- P°P±Ps PSCÍPrPsC,Pë. P PµPePsPjPµPSPrPsPIP°PSPs P±CÍC,Pë
PsP±PµCjPµP¶PSPëPjPë, PsCÍPsP±P»PëIPs PSP° PïPsC†P°C,PeCÍ P»C-PeCÍPIP°PSPSCl.

PÿPïPsCÍC-P± P·P°CÍC,PsCÍCzPIP°PSPSCl C,P° PrPsP·Pë.

P"P»Cl PïPµCjP°P»CHPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCl.

P"PsCjPsCÍP»PëPj CÍP»C-Pr PïCjPëP·PSP°C†P°C,Pë 1 C,P°P±P»PµC,PeCÍ PSP° PrPµPSCñ
PsPrPSPsCjP°P·PsPIPs, P±P°P¶P°PSPs PICjP°PSC†C- PïPµCjPµPr PïCjPëPNëPsPjPsPj C—P¶C-.
PÿP°P±P»PµC,PeP° PSPµ PïC-PrP»ClPïP°C" PïPsPrC-P»CÍ.

P"PsP·CÍ CÍP»C-Pr PïC-PrP±PëCjP°C,Pë C-PSPrPëPIC-PrCÍP°P»CHPSPs PrP»Cl
PePsP¶PSPsPiPs PïP°C†C-C"PS,C,P° P· CÍCjP°C...CÍPIP°PSPSClPj PïPsPeP°P·P°PSPSCl PrP»Cl
P·P°CÍC,PsCÍCÍPIP°PSPSCl, PïPµCjPµP±C-PiCÍ P·P°C...PIPsCjCHPIP°PSPSCl C,P°
PïPsPeP°P·PSPëPeC-PI P°CjC,PµCjC-P°P»CHPSPsPiPs C,PëCÍPeCÍ. PhP°PeCÍPëPjP°P»CHPSP°
PrPsP±PsPIP° PrPsP·P° Bñ" 1 C,P°P±P»PµC,PeP° P»C-PeP°CjCÍCHPePsPiPs P·P°CÍPsP±CÍ
PhPñ-PhP·P†PÿP·P 8 PjPi / 10 PjPi PSP° PrPsP±CÍ.

P©PsPrPs PïP°C†C-C"PS,C-PI P· PïCjCÍPï CjPëP·PëPeCÍ PrPëPI. CjPsP·PrC-P»
B«PhCÍPsP±P»PëIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSClB».

*PµP°C†C-C"PS,C,Pë P· PïPsCjCzCëPµPSPSClPj C„CzPSPeC†C-C— PSPëCjPsPe C,P°
PïP°C†C-C"PS,C,Pë P»C-C,PSCHPsPiPs PIC-PeCz (PrPëPI. CjPsP·PrC-P»Pë
B«PhCÍPsP±P»PëIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSClB» C,P°
B«PαP°CjPjP°PePsPeC-PSPµC,PëPeP°B»).*

P'PëPIPµPrPµPSPSCl PïPµCjPëPSPrPsPïCjPëP»P°C,CÍ P·PSPëP¶CÍC"C,CHCÍCl CÍ
PïP°C†C-C"PS,C-PI C-P· PSPëCjPePsPIPsCH PSPµPrPsCÍC,P°C,PSC-ClC,CH C,P° CÍ
PïP°C†C-C"PS,C-PI P»C-C,PSCHPsPiPs PIC-PeCÍ, C,PsPjCÍ PïC-Pr C†P°CÍ
P»C-PeCÍPIP°PSPSCl PSPµPsP±C...C-PrPSPs PïCjPsPIPsPrPëC,Pë C†P°CÍC,PëPNë
PePsPSC,CjPsP»CH CjC-PIPSCl PeCjPµP°C,PëPSC-PSCÍ C- PeP°P»C-CH.

PhPñ-PhP·P†PÿP·P PjPsP¶PSP° PïCjPëP·PSP°C†P°C,Pë PïP°C†C-C"PS,C,P°Pj P·
PeP»C-CjPµPSCÍPsPj PeCjPµP°C,PëPSC-PSCÍ ≥ 60 PjP»/C...PI C,P° PSPµ CÍP»C-Pr
PïCjPëP·PSP°C†P°C,Pë PïP°C†C-C"PS,C,P°Pj C-P· PeP»C-CjPµPSCÍPsPj

PeCḡPμP°C,PēPSC-PSCr < 60 PjP»/C...PI. PÿP°PePēPj PīP°C†C-C''PSC,P°Pj
CḡPμPePsPjPμPSPPrCfC''C,CHCfCḡ C-PSPrPēPIC-PrCfP°P»CHPSPēPNē PīC-PrP±C-Cḡ PrPsP·Pē
PePsP¶PSPsPiPs P· PePsPjPīPsPSPμPSC,C-PI P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf
PsPeCḡPμPjPs.

P—P° C†PjPsPIPē PrPsP±CḡPsC— PīPμCḡPμPSPsCfPēPjPsCfC,C- PrPsP·C†PIP°PSPSCḡ
P°PjP»PsPrPēPīC-PSCr C'' PsPrPSP°PePsPIPēPj PrP»Cḡ PjPsP»PsPrCēPēC... PīP°C†C-C''PSC,C-PI
C,P° PīP°C†C-C''PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCf. P''P»Cḡ PīP°C†C-C''PSC,C-PI
P»C-C,PSCHPsPiPs PIC-PeCf CḡPμPePsPjPμPSPPrPsPIP°PSPēPNē P·PIPēC†P°PNēPSPēPNē
CḡPμP¶PēPj PrPsP·C†PIP°PSPSCḡ, P°P»Pμ PīC-PrPIPēC%oCfPIP°C,Pē PrPsP·Cf
PSPμPsP±C...C-PrPSPs P· PsP±PμCḡPμP¶PSC-CfC,Cḡ.

PḡPsPSC†PμPSC,CḡP°C†C-Cḡ P°PjP»PsPrPēPīC-PSCr C† PīP»P°P·PjC- PeCḡPsPIC- PSPμ
P·P°P»PμP¶PēC,CH PIC-Pr C†C,C†PīPμPSCḡ PīPsCḡCfCēPμPSPSCḡ C,,C†PSPeC†C-C—
PSPēCḡPsPe.

PḡPjP»PsPrPēPīC-PS PSPμ PIPēPIPsPrPēC,CHCfCḡ PīC-Pr C†P°C† PrC-P°P»C-P·C†.

*PμPsCḡCzCēPμPSPSCḡ C,,CzPSPeC†C-C— PīPμC†C-PSPePē (PrPēPI. CḡPsP·PrC-P»Pē
B«PhCfPsP±P»PēPIPsCfC,C- P·P°CfC,PsCfC†PIP°PSPSCḡB» C,P°
B«PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»).*

P'C-PrCfCfC,PSC- CḡPμPePsPjPμPSPPrP°C†C-C— C%oPsPrPs PrPsP·C†PIP°PSPSCḡ PrP»Cḡ
PīP°C†C-C''PSC,C-PI P· P»PμPīPePēPj C,P° PīPsPjC-CḡPSPēPj PīPsCḡCfCēPμPSPSCḡPj
C,,C†PSPeC†C-C— PīPμC†C-PSPePē, C,PsPjC† PīC-PrP±PēCḡP°C,Pē PrPsP·C† PīPsC,CḡC-P±PSPs
PsP±PμCḡPμP¶PSPs, CḡPsP·PīPsC†PēPSP°C,Pē C,PμCḡP°PīC-Cḡ C†P»C-Pr P·
PSP°PNēPSPēP¶C†PēC... PrPsP· (PrPēPI. CḡPsP·PrC-P»Pē B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfC†PIP°PSPSCḡB» C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»). P''P»Cḡ
PIPēP±PsCḡC† PsPīC,PēPjP°P»CHPSPsC— PīPsC†P°C,PePsPIPsC— C,P°
PīC-PrC,CḡPēPjC†CḡC†PsC— PrPsP·Pē P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±C†
PīP°C†C-C''PSC,P°Pj P· PīPsCḡCfCēPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē
PSPμPsP±C...C-PrPSPs PsPeCḡPμPjPs PīC-PrP±PēCḡP°C,Pē PrPsP·C† P°PjP»PsPrPēPīC-PSCr C-
PīPμCḡPēPSPPrPsPīCḡPēP»C†. P''PsC†P»C-PrP¶PμPSPSCḡ C,,P°CḡPjP°PePsPeC-PSPμC,PēPePē
P°PjP»PsPrPēPīC-PSCr C† PīP°C†C-C''PSC,C-PI P· C,CḡP¶PēPj PīPsCḡCfCēPμPSPSCḡPj
C,,C†PSPeC†C-C— PīPμC†C-PSPePē PSPμ PīCḡPsPIPsPrPēP»PēCfCḡ. PμP°C†C-C''PSC,P°Pj P·
PīPsCḡCfCēPμPSPSCḡPj C,,C†PSPeC†C-C— PīPμC†C-PSPePē C,CḡP¶PēPsPiPs C†C,C†PīPμPSCḡ
PīCḡPēPNēPsPj P°PjP»PsPrPēPīC-PSCr C†P»C-Pr CḡPsP·PīPsC†PēPSP°C,Pē P·
PSP°PNēPSPēP¶C†PēC... PrPsP·, CḡPeC- PīC-PrPIPēC%oCfCḡC,CH PīPsC†C,C†PīPsPIPs.

P''C-C,Pē.

PḡPḡ-PḡP·P†PÿP·P PSPμ CḡPμPePsPjPμPSPPrCfC''C,CHCfCḡ PīCḡPēP·PSP°C†P°C,Pē PrC-C,CḡPj
C†PμCḡPμP· PIC-PrCfCfC,PSC-C†C,CH PrPsC†P»C-PrP¶PμPSCḡ P· C†C†P°C†C,Cḡ C†C-C''C—
PīCḡC†PīPē PīP°C†C-C''PSC,C-PI.

PμPμCḡPμPrPsP·CzPIP°PSPSCḡ.

PμCḡPs PIPēPīP°PrPePē PīPμCḡPμPrPsP·C†PIP°PSPSCḡ P»C-PeP°CḡCfCHPePsPiPs

P·P°CÍPSP±Cí P_hP_h-P_hP>P†P_ŷP·P P_{SP}μ PīPsPIC-PrPsPjP»CÍP»PsCÍCÍ. P°P°PSC- C%PsPrPs
CÍPIC-PrPsPjPsPiPs PīPμC_hPμPrPsP·CíPIP°PSPSCÍ P°PjP»PsPrPēPīC-PSCž C°
PsP±PjPμP¶PμPSPēPjPē.

P_ŷPēPjPīC,PsPjPē: P·P° P_{SP}°CÍPIPSPēPjPē PrP°PSPēPjPē PīC_hPēPīCíCÍPēP°C_hC,CH, C%Ps
PīC_hPēP_NPsPj PrCíP¶Pμ PIPμP»PēPePēC... PrPsP· PjPsP¶Pμ PīC_hPēP·PIPμCÍC,Pē PrPs
PSP°PrPjC-C_hPSPsC— PīPμC_hPēC,,PμC_hPēC±PSPsC— PIP°P·PsPrPēP»P°C,P°C†C-C— C,P°
PīPsPjC-C_hPSPsPiPs PIPēPSPēPePSPμPSPSCÍ C_hPμC,,P»PμPeC,PsC_hPSPsC—
C,P°C...C-PeP°C_hPrC-C—. PμPsPIC-PrPsPjP»CÍP»PsCÍCÍ PīC_hPs PIPēC_hP°P¶PμPSCí,
PjPsP¶P»PēPIPs C,C_hPēPIP°P»Cí CÍPēCÍC,PμPjPSCí PiC-PiPsC,PμPSP·C-C_h C,P° CēPsPe P·
P»PμC,P°P»CHPSPēPj PSP°CÍP»C-PrPePsPj. P C-PrPePs PīPsPIC-PrPsPjP»CÍP»PsCÍCÍ PīC_hPs
C_hPsP·PIPēC,PsPe P_{SP}μPeP°C_hPrC-PsPiPμPSPSPsPiPs PSP°P±C_hCÍPeCí P»PμPiPμPSC-PI, CÍPe
PSP°CÍP»C-PrPsPe PīPμC_hPμPrPsP·CíPIP°PSPSCÍ P°PjP»PsPrPēPīC-PSCí, CÍPePēP_N PjPsP¶Pμ
C_hPsP·PIPēPIP°C,PēCÍCÍ PIC-PrC,PμC_hPjC-PSPsPIP°PSPs (C±PμC_hPμP· 24вґ“48 PiPsPrPēPS
PīC-CÍP»CÍ PīC_hPēP_NPsPjCí) C- PīPsC,C_hPμP±CíPIP°C,Pē CēC,CíC±PSPsC—
PIPμPSC,PēP»CÍC†C-C— P»PμPiPμPSC_h. PμC_hPsPiPsPeCíC_hC±PēPjPē C,,P°PeC,PsC_hP°PjPē
PjPsP¶CíC,CH P±CíC,Pē C_hP°PSPSC- C_hPμP°PSC-PjP°C†C-P_NPSC- P·P°C...PsPrPē
(PIPeP»C_hC±P°C_hC±Pē PīPμC_hPμPIP°PSC,P°P¶PμPSPSCÍ C_hC-PrPēPSPsC_h) PrP»CÍ
PīC-PrC,C_hPēPjPePē PīPμC_hC,,CíP·C-C— C,P° CÍPμC_hC†PμPiPsPiPs PIPēPePēPrCí.

P>C-PeCíPIP°PSPSCÍ: PeP»C-PSC-C±PSPs PIPēC_hP°P¶PμPSP° PiC-PiPsC,PμPSP·C-CÍ,
PIPēPeP»PēPeP°PSP° PīPμC_hPμPrPsP·CíPIP°PSPSCÍPj P°PjP»PsPrPēPīC-PSCí,
PīPsC,C_hPμP±CíC° P°PeC,PēPIPSPsC— PeP°C_hPrC-PsPIP°CÍPeCíP»CÍC_hPSPsC—
PrPsPīPsPjPsPiPē, P·PsPeC_hPμPjP° C±P°CÍC,PsPiPs PjPsPSC-C,PsC_hPēPSPiCí C,,CíPSPeC†C-C—
CÍPμC_hC†CÍ C,P° C_hPμCÍPīC-C_hP°C,PsC_hPSPsC— C,,CíPSPeC†C-C—, PSP°PrP°PSPSCÍ
PīP°C†C-C°PSC,Cí PiPsC_hPēP·PsPSC,P°P»CHPSPsPiPs PīPsP»PsP¶PμPSPSCÍ P·
PīC-PrPSCÍC,C,CÍPj PSPēP¶PSC-C... PeC-PSC†C-PIPsPe, C- PīPsC,C_hPμP±CíC°
CíPIP°P¶PSPsPiPs CÍC,PμP¶PμPSPSCÍ P·P° PsP±вґ™C°PjPsPj C†PēC_hPeCíP»C_hC_hC±PsC—
PeC_hPsPIC- C,P° CÍPμC±PsPIPēPrC-P»PμPSPSCÍPj.

PμC_hPēP·PSP°C±PμPSPSCÍ PIP°P·PsPePsPSCÍC,C_hPēPeC,PsC_hP° PjPsP¶Pμ P±CíC,Pē
PePsC_hPēCÍPSPēPj PrP»CÍ PIC-PrPSPsPIP»PμPSPSCÍ C,PsPSCíCíCí CÍCíPrPēPS C,P°
P°C_hC,PμC_hC-P°P»CHPSPsPiPs C,PēCÍPeCí, CÍPeC%Ps PIC-PrCíCíC,PSC-
PīC_hPsC,PēPīPsPeP°P·P°PSPSCÍ. P°PSCíC,C_hC-CēPSC_hPsPIPμPSPSPμ PIPiPμPrPμPSPSCÍ
PeP°P»CHC†C-C_h PiP»C_hPePsPSP°C,Cí PjPsP¶Pμ PrPsPīPsPjPsPiC,Pē CíCíCíPSPμPSPSC_h
PSP°CÍP»C-PrPeC-PI P±P»PsPeP°PrPē PeP°P»CHC†C-C°PIPēC... PeP°PSP°P»C-PI.

Pj PrPμCÍPePēC... PIPēPīP°PrPeP°C... C° PrPsC†C-P»CHPSPēPj PīC_hPsPjPēPIP°PSPSCÍ
CēP»CíPSPeP°. P°PSCíP»C-PrP¶PμPSPSCÍ P·P° CíC±P°CÍC,C_h PrPsP±C_hPsPiPsP»CHC†C-PI
PīC_hPsPrPμPjPsPSCÍC,C_hCíPIP°P»Ps, C%Ps PīC_hPēP_NPsPj P°PeC,PēPIPsPIP°PSPsPiPs
PICíPiC-P»P»CÍ C±PμC_hPμP· 2 PiPsPrPēPSPē PīC-CÍP»CÍ PīC_hPēP_NPsPjCí 10 PjPi
P°PjP»PsPrPēPīC-PSCí P·PSPēP¶CíC° CēPIPēPrPeC-CÍC,CH P°P±CíPsC_hP±C†C-C—
P°PjP»PsPrPēPīC-PSCí PI PsC_hPiP°PSC-P·PjC-. Pj CÍPēCÍC,PμPjPSPsPjCí
PeC_hPsPiPsPsP±C-PiCí P°PjP»PsPrPēPīC-PS PjP°C° PIPēCíPsPePēP_N C_hC-PIPμPSC_h
P·PIвґ™CÍP·CíPIP°PSPSCÍ P· P±C-P»PeP°PjPē PeC_hPsPIC-, C,PsPjCí PiPμPjPsPrC-P°P»C-P·
PSPμ PμC,,PμPeC,PēPIPSPēP_N.

P†PSC,,PsC_hPjP°C†C-CÍ PīC_hPs PīPμC_hPμPrPsP·CíPIP°PSPSCÍ PīPμC_hPēPSPPrPsPīC_hPēP»Cž C°
PsP±PjPμP¶PμPSPsC_h. PμC_hPē PīPμC_hPμPrPsP·CíPIP°PSPSC- C-PSPiC-P±C-C,PsC_hC-PI P_hPμPμ
PjPsP¶CíC,CH PIPēPSPēPePSCíC,Pē PiC-PiPsC,PμPSP·C-CÍ, C†PēC_hPeCíP»CÍC,PsC_hPSPēP_N
CēPsPe, PiPsC_hCíCēPμPSPSCÍ PμP»PμPeC,C_hPsP»C-C,PSPsPiPs P±P°P»P°PSCíCí,
PSPēC_hPePsPIP° P_{SP}μPrPsCíC,P°C,PSC-CíC,CH, PiC-PiPμC_hPIPμPSC,PēP»CÍC†C-CÍ,

C,P°C...C-PeP°CᄡPrC-Cᄡ, PīP°P»CHPīC-C,P°C†C-Cᄡ, P±CᄡP°PrPēPeP°CᄡPrC-Cᄡ,
P·P°PīP°PjPsCᄡPsC‡PμPSPSCᄡ, C,CᄡPēPIPSPiP° C,P° PeP°C€PμP»CH.

PμCᄡPē PīPμCᄡPμPrPsP·C†PIP°PSPSC- CᄡPμPePsPjPμPSPrC†C”C,CHC†Cᄡ
PIPSC†C,CᄡC-C€PSCᄡPsPIPμPSPSPμ PIPiPμPrPμPSPSCᄡ CᄡPsP·C‡PēPSC† C...P»PsCᄡPēPrC†
PSP°C,CᄡC-Cᄡ 0,9 %. Pj CᄡP°P·C- PIPēPSPēPePSPμPSPSCᄡ PiC-PīPsC,PμPSP·C-C—
PīP°C†C-C”PSC,C† PSPμPsP±C...C-PrPSPs PSP°PrP°C,Pē PiPsCᄡPēP·PsPSC,P°P»CHPSPSPiPs
PīPsP»PsP¶PμPSPSCᄡ. PŸP»C-Pr CᄡPsP·PiP»CᄡPSC†C,Pē PjPsP¶P»PēPIC-C†C,CH
PīCᄡPsPIPμPrPμPSPSCᄡ C-PSC,,C†P·C-C— P· P°PSPiC-PsC,PμPSP·PēPSPsPj P†P† C,P°/P°P±Ps
PIPSC†C,CᄡC-C€PSCᄡPsPIPμPSPSPsPiPs PIPiPμPrPμPSPSCᄡ PeP°C,PμC...PsP»P°PjC-PSC-PI.
PμPμCᄡPēPSPrPsPiCᄡPēP» PjPsP¶Pμ P±C†C,Pē PIPēPIPμPrPμPSPēP№ P· C†PēC†C,PμPjPSPSPiPs
PeCᄡPsPIPSPsP±C-PiC† P·P° PrPsPiPsPjPsPiPsCᄡ PiPμPjPsPrC-P°P»C-P·C† (PrPēPI. CᄡPsP·PrC-P»
B«PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSCᄡB»). PμCᄡPē PIPēPSPēPePSPμPSPSC-
C†C,C-P№PePsC— PrPs P»C-PeC†PIP°PSPSCᄡ P±CᄡP°PrPēPeP°CᄡPrC-C— PjPsP¶P»PēPIPμ
P·P°C†C,PsC†PsPIC†PIP°PSPSCᄡ C€C,C†C‡PSPSPiPs PIPSPrC-Cᄡ CᄡPēC,PjC†.
PᄡPμPsP±C...C-PrPSPēP№ PīPsC†C,C-P№PSPēP№ PjPsPSC-C,PsCᄡPēPSPi PsC†PSPSPiPSPēC...
PīPsPeP°P·PSPēPeC-PI P¶PēC,C,C”PrC-CᄡP»CHPSPSPiC,C-, CᄡC-PIPSᄡ
PePsPSC†PμPSC,CᄡP°C†C-C— PμP»PμPeC,CᄡPsP»C-C,C-PI C,P° PeCᄡPμP°C,PēPSC-PSC† C†
C†PēCᄡPsPIP°C,C†C- PeCᄡPsPIC-.

PμPsP±C-C‡PSC- CᄡPμP°PeC†C-C—.

PᄡP°P№C‡P°C†C,C-C€PēPjPē PīPsP±C-C‡PSPēPjPē CᄡPμP°PeC†C-CᄡPjPē, PīCᄡPs CᄡPeC-
PīPsPIC-PrPsPjP»CᄡP»PsC†Cᄡ PīCᄡPē PsPeCᄡPμPjPsPjC† P·P°C†C,PsC†C†PIP°PSPSC-
PīPμCᄡPēPSPrPsPiCᄡPēP»C† P№ P°PjP»PsPrPēPiC-PSC†, C”: PSP°P±CᄡCᄡPePē,
C†PsPSP»PēPIC-C†C,CH, P·P°PīP°PjPsCᄡPsC‡PμPSPSCᄡ, PiPsP»PsPIPSPēP№ P±C-P»CH
(PsC†PsP±P»PēPIPs PSP° PīPsC‡P°C,PeC† P»C-PeC†PIP°PSPSCᄡ), C†PiPsC,PIPsCᄡPμPSPSCᄡ
C†PjP°PeC† (PrPēC†PiPμPIP·C-Cᄡ), PīP°CᄡPμC†C,PμP·C-Cᄡ, PīPsCᄡC†C€PμPSPSCᄡ P·PsCᄡC†
(PIPeP»CᄡC‡P°CᄡC‡Pē PrPIPsC—PSPSCᄡ), PrP·PIC-PS C† PIC†C...P°C..., PIPμCᄡC,PēPiPs,
PīP°P»CHPīC-C,P°C†C-Cᄡ, PīCᄡPēPīP»PēPIPē, PiC-PīPsC,PμPSP·C-Cᄡ (C,P°
PīPsPiBᄡ™ CᄡP·P°PSC- P· PSPμCᄡ C†PēPjPiC,PsPjPē), P·P°PrPēC€PeP°, PeP°C€PμP»CH,
P±C-P»CH C† P¶PēPIPsC,C-, PSC†PrPsC,P°, P±P»CᄡPIP°PSPSCᄡ, PrPēC†PīPμPiC†C-Cᄡ,
P·PjC-PSP° CᄡPēC,PjC† PrPμC,,PμPeP°C†C-C—, PrC-P°CᄡPμCᄡ, P·P°PīPsCᄡ, C†PIPμCᄡP±C-P¶,
PIPēC†PēPi, PμPeP·P°PSC,PμPjP°, PSP°P±CᄡCᄡPe C†C†PiP»PsP±C-PI (PSP°P±CᄡCᄡPe
C%PēPePsP»PsC,PsPe), C†PīP°P·PjPē PjBᄡ™ CᄡP·C-PI, PiC-PrPIPēC%PμPSP°
PIC,PsPjP»CᄡPIP°PSC-C†C,CH, P°C†C,PμPSC-Cᄡ.

PμC-Pr C‡P°C† PeP»C-PSC-C‡PSPēC... PrPsC†P»C-PrP¶PμPSCH C,P°/P°P±Ps
PiC-C†P»CᄡCᄡPμC”C†C,CᄡP°C†C-P№PSPSPiPs P·P°C†C,PsC†C†PIP°PSPSCᄡ
PīPμCᄡPēPSPrPsPiCᄡPēP»C† P№ P°PjP»PsPrPēPiC-PSC† PsPeCᄡPμPjPs
C†PiPsC†C,PμCᄡC-PiP°P»PēC†Cᄡ PSPēP¶C‡PμP·P°P·PSP°C‡PμPSC- PīPsP±C-C‡PSC-
CᄡPμP°PeC†C-C—, CᄡPeC- PeP»P°C†PēC,,C-PePsPIP°PSC- P·PiC-PrPSPs P·C-
C†P»PsPIPSPēPePsPj C†C,P°PSPrP°CᄡC,PēP·PsPIP°PSPsC— PjPμPrPēC‡PSPsC—
C,PμCᄡPjC-PSPsP»PsPiC-C— MedDRA P·P° C†PēC†C,PμPjP°PjPē PsCᄡPiP°PSC-P·PjC† P·
C,P°PePsCᄡ C‡P°C†C,PsC,PsCᄡ PIPēPSPēPePSPμPSPSCᄡ: PrC†P¶Pμ C‡P°C†C,Ps (≥ 1/10);
C‡P°C†C,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10); PSPμC‡P°C†C,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100);

C₇C-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000); PrC₇P₇ C₇C-PrPePs (< 1/10000);
C₇P[°]C₇C,PsC,P[°] PSP_μPIC-PrPsPjP[°] (PSP_μ PjPsP₇PSP[°] PIP₆P·PSP[°]C₇P₆C,P₆P·P[°] PSP[°]C₇PIPS₇C₇
C-PSC₇,PsC₇PjP[°]C₇C-C[°]C₇).

P₇PSC₇,P_μPeC₇C-C— C,P[°] C-PSPIP[°]P·C-C—: C₇P₆PSC-C, (PSP_μC₇P[°]C₇C,Ps B₇"
P[°]PjP₇»PsPrP₆PiC-PS; PrC₇P₇ C₇C-PrPePs B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»).

P— P₇PsPeC₇ P_μPSP₇PsPeC₇P₆PSP₇PsC— C₇P₆C₇C,P_μPjP₆: C₇P₆PSP₇C₇PsPj
PSP_μP[°]PrP_μPePIP[°]C,PSP₇C— C₇P_μPeC₇P_μC₇C— P[°]PSC,P₆PrC-C₇C₇P_μC,P₆C₇PSP₆C...
PiPsC₇PjPsPSC-PI (P₇P₆P₇P₇P₇"P[°]) (C₇C-PrPePs B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»).

P— P₇PsPeC₇ C₇P₆C₇C,P_μPjP₆ PeC₇PsPIC- C,P[°] P₇C-PjC₇,P[°]C,P₆C₇PSP₇C— C₇P₆C₇C,P_μPjP₆:
P_μPsP·P₆PSP₇C₇,C-P₇C-C₇ (PSP_μC₇P[°]C₇C,Ps* B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»);
P₇»P_μPN₆PePsPiP_μPSC-C₇/PSP_μPN₆C₇PsPiP_μPSC-C₇ (PrC₇P₇ C₇C-PrPePs B₇"
P[°]PjP₇»PsPrP₆PiC-PS C,P[°] P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇») (PrP₆PI. C₇PsP·PrC-P₇»
B«PhC₇PsP₇»P₆PiPsC₇C,C- P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇»); P[°]PiC₇P[°]PSC₇P₇»PsC₇P₆C,PsP·
P[°]P₇Ps PiP[°]PSC₇P₆C,PsPiP_μPSC-C₇ (PrC₇P₇ C₇C-PrPePs B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»)
(PrP₆PI. C₇PsP·PrC-P₇» B«PhC₇PsP₇»P₆PiPsC₇C,C- P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇»);
C,C₇PsPjP₇»PsC₇P₆C,PsPiP_μPSC-C₇ (PrC₇P₇ C₇C-PrPePs B₇" P[°]PjP₇»PsPrP₆PiC-PS C,P[°]
P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇») (PrP₆PI. C₇PsP·PrC-P₇» B«PhC₇PsP₇»P₆PiPsC₇C,C-
P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇»); P_μPSP·P₆PjPsC₇PiP_μC₇P₆C₇,C-C₇PSP[°] PiP_μPjPsP₇»C-C,P₆C₇PSP[°]
P[°]PSP_μPjC-C₇ C₇ PiP[°]C₇C-C[°]PSC,C-PI P· C₇C₇PsPrP₇P_μPSP₇C₇ PSP_μPrPsC₇C,P[°]C,PSC-C₇C,C₇
PiP₇»C₇PePsP·Ps-6-C₇,PsC₇C₇,P[°]C,PrP_μPiC-PrC₇PsPiP_μPSP[°]P·P₆ (PrC₇P₇ C₇C-PrPePs B₇"
P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇») (PrP₆PI. C₇PsP·PrC-P₇» B«PhC₇PsP₇»P₆PiPsC₇C,C-
P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇»).

P— P₇PsPeC₇ C-PjC₇PSP₇PsC— C₇P₆C₇C,P_μPjP₆: PiC-PiP_μC₇C₇C₇P₇»P₆PiC-C₇C,C₇ (PrC₇P₇ C₇C-PrPePs B₇"
P[°]PjP₇»PsPrP₆PiC-PS; PSP_μC₇P[°]C₇C,Ps B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»).

P— P₇PsPeC₇ PsP₇PjC-PSC₇ C₇P_μC₇PsPIP₆PS C- PjP_μC,P[°]P₇PsP₇»C-P·PjC₇:
PiC-PiPsPiP₇»C-PeP_μPjC-C₇ (PSP_μC₇P[°]C₇C,Ps* B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇») (PrP₆PI.
C₇PsP·PrC-P₇»P₆ B«PhC₇PsP₇»P₆PiPsC₇C,C- P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇» C-
B«P·P·P[°]C₇PjPsPrC-C₇ P· C-PSC₇P₆PjP₆ P₇»C-PeP[°]C₇C₇C₇PeP₆PjP₆ P·P[°]C₇PsP₇»P₆PjP₆ C,P[°]
C-PSC₇C- PIP₆PrP₆ PIP[°]P[°]C₇PjPsPrC-PN₆B₇»); PiC-PiP_μC₇PeP[°]P₇»C-C[°]PjC-C₇, C₇Ps
P·PSP₆PeP[°]C[°] PiC-C₇P₇»C₇ PIC-PrPjC-PSP₆ P₇»C-PeP[°]C₇C₇C₇PePsPiPs P·P[°]C₇PsP₇»C₇
(PSP_μC₇P[°]C₇C,Ps* B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇») (PrP₆PI. C₇PsP·PrC-P₇»
B«PhC₇PsP₇»P₆PiPsC₇C,C- P·P[°]C₇C,PsC₇C₇PIP[°]PSPSC₇B₇»); PiC-PiPsPSP[°]C,C₇C-C[°]PjC-C₇
(PSP_μC₇P[°]C₇C,Ps* B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»); PiC-PiP_μC₇PiP₇»C-PeP_μPjC-C₇ (PrC₇P₇ C₇C-PrPePs B₇"
P[°]PjP₇»PsPrP₆PiC-PS).

P— P₇PsPeC₇ PiC₇P₆C...C-PeP₆: P₇P_μP·C₇PsPSPSC₇ (PSP_μC₇P[°]C₇C,Ps B₇"
P[°]PjP₇»PsPrP₆PiC-PS); PiPsC₇C₇C₇PeP_μPSPSC₇ PSP[°]C₇C,C₇PsC₇ (PIP₆P₇»C₇C₇P[°]C₇C₇P₆
C,C₇P₆PiPsPiC₇) (PSP_μC₇P[°]C₇C,Ps B₇" P[°]PjP₇»PsPrP₆PiC-PS C,P[°] P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»);
PrP_μPiC₇P_μC₇C-C₇ (PSP_μC₇P[°]C₇C,Ps B₇" P[°]PjP₇»PsPrP₆PiC-PS, PSP_μC₇P[°]C₇C,Ps* B₇"
P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»); PiPsC₇C₇C₇PeP_μPSPSC₇ C₇PSC₇ (PSP_μC₇P[°]C₇C,Ps B₇"
P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»).

P— P₇PsPeC₇ PSP_μC₇PIPsPiPsC— C₇P₆C₇C,P_μPjP₆: C₇PsPSP₇»P₆PiC-C₇C,C₇
(PsC₇PsP₇»P₆PiPs PSP[°] PiPsC₇P[°]C,P₆C₇ P₇»C-PeC₇PIP[°]PSPSC₇) (C₇P[°]C₇C,Ps B₇"
P[°]PjP₇»PsPrP₆PiC-PS; PSP_μC₇P[°]C₇C,Ps* B₇" P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»);
P·P[°]PiP[°]PjPsC₇PsC₇P_μPSPSC₇ (PsC₇PsP₇»P₆PiPs PSP[°] PiPsC₇P[°]C,P₆C₇ P₇»C-PeC₇PIP[°]PSPSC₇)
(C₇P[°]C₇C,Ps B₇" P[°]PjP₇»PsPrP₆PiC-PS C,P[°] P₇P_μC₇P₆PSP₇PsPiC₇P₆P₇»); PiPsP₇»PsPIPSP₆PN₆

$P \pm C - P \gg CH$ ($PsCfPsP \pm P \gg P \ddot{e}PIPs$ PSP° $PiPsC \ddagger P^\circ C, PeCf P \gg C - PeCfPIP^\circ PSPSCf$) ($C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$ C, P° $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $CfPiPsC, PIPsCHP_{\mu}PSPSCf$ $CfPjP^\circ PeCf$ ($PrP \ddot{e}CfPiP_{\mu}PIP \cdot C - Cf$) ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $C \ddagger P^\circ CfC, Ps$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $C, CHP_{\mu}PjPsCH$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$); $PiC - PiP_{\mu}CfC, P_{\mu}P \cdot C - Cf$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$); $PiP^\circ CHP_{\mu}CfC, P_{\mu}P \cdot C - Cf$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $C \ddagger P^\circ CfC, Ps$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PSP_{\mu}PiCHP \ddot{e}C, PsPjPSC - CfC, CH$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $PSP_{\mu}C \ddagger P^\circ CfC, Ps^*$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $CfPiP \gg CrC, P^\circ PSC - CfC, CH$ $CfPIC - PrPsPjPsCfC, C -$ ($CHC - PrPePs$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $PrCfP_{\mu}CHC - PrPePs$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PiC - PiP_{\mu}CHC, PsPSCfCf$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$); $PiP_{\mu}CHP \ddot{e}C, P_{\mu}CHP \ddot{e}C \ddagger PSP^\circ$ $PSP_{\mu}PN_{\circ}CHPsPiP^\circ C, C - Cf$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$); $C \ddagger P_{\mu}CHP_{\mu}P \pm CHPsPIP^\circ CfPeCfP \gg CfCHPSC -$ $PiPsPrC - C -$ $PjPsP_{\mu}CfC, CH$ $PIP \ddot{e}PSP \ddot{e}PeP^\circ C, P \ddot{e} PIPSP^\circ CfP \gg C - PrPsPe$ $PSP^\circ PrPjC - CHPSPsPiPs$ $P \cdot PSP \ddot{e}P_{\mu}PSPSCf$ $P^\circ CHC, P_{\mu}CHC - P^\circ P \gg CH$ $PSPsPiPs$ $C, P \ddot{e}CfPeCf$ Cr $PiP^\circ C \ddagger C - C^\circ PSC, C - PI$ $PiCHCrPiP \ddot{e} PIP \ddot{e}CfPsPePsPiPs$ $CHP \ddot{e}P \cdot P \ddot{e}PeCf$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$) ($PrP \ddot{e}PI. CHPsP \cdot PrC - P \gg$ $B \ll PhCfPsP \pm P \gg P \ddot{e}PIPsCfC, C -$ $P \cdot P^\circ CfC, PsCfCrPIP^\circ PSPSCfB \gg$); $P_{\mu}PeCfC, CHP^\circ PiC - CHP^\circ PjC - PrPSC -$ $CHPsP \cdot P \gg P^\circ PrP \ddot{e}$ ($P_{\mu}PeCfC, CHP^\circ PiC - CHP^\circ PjC - PrPSP \ddot{e}PN_{\circ}$ $CfP \ddot{e}PSPPrCHPsPj$) ($C \ddagger P^\circ CfC, PsC, P^\circ$ $PSP_{\mu}PIC - PrPsPjP^\circ$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$).

$P - P \pm PsPeCf PsCHPiP^\circ PSC - PI$ $P \cdot PsCHCr$: $PiPsCHCrC \ddagger P_{\mu}PSPSCf$ $P \cdot PsCHCr$ ($C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$ C, P° $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PrPIPsC - PSPSCf$ ($C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$).

$P - P \pm PsPeCf PsCHPiP^\circ PSC - PI$ $CfP \gg CrC \dots Cr$ C, P° $PIP_{\mu}CfC, P \ddot{e}P \pm CfP \gg CfCHPSPsPiPs$ $P^\circ PiP^\circ CHP^\circ C, Cr$: $PrP \cdot PIC - PS$ Cr $PICrC \dots P^\circ C \dots$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $C \ddagger P^\circ CfC, Ps$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PIP_{\mu}CHC, P \ddot{e}PiPs$ ($C \ddagger P^\circ CfC, Ps$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$).

$P - P \pm PsPeCf CfP_{\mu}CHC \ddagger Cf$: $PiP^\circ P \gg CHPiC - C, P^\circ C \ddagger C - Cf$ ($C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $PSP_{\mu}C \ddagger P^\circ CfC, Ps^*$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $C, P^\circ C \dots C - PeP^\circ CHPrC - Cf$ ($PSP_{\mu}C \ddagger P^\circ CfC, Ps^*$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $CfC, P_{\mu}PSPsPeP^\circ CHPrC - Cf$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$) ($PrP \ddot{e}PI. CHPsP \cdot PrC - P \gg$ $B \ll PhCfPsP \pm P \gg P \ddot{e}PIPsCfC, C -$ $P \cdot P^\circ CfC, PsCfCrPIP^\circ PSPSCfB \gg$); $C - PSC, P^\circ CHPeC, PjC - PsPeP^\circ CHPrP^\circ$ $PjPsP_{\mu}PIP \ddot{e}PSP \ddot{e}PeP^\circ C, P \ddot{e} PIPSP^\circ CfP \gg C - PrPsPe$ $PSP^\circ PrPjC - CHPSPsPiPs$ $P \cdot PSP \ddot{e}P_{\mu}PSPSCf$ $P^\circ CHC, P_{\mu}CHC - P^\circ P \gg CH$ $PSPsPiPs$ $C, P \ddot{e}CfPeCf$ Cr $PiP^\circ C \ddagger C - C^\circ PSC, C - PI$ $PiCHCrPiP \ddot{e} PIP \ddot{e}CfPsPePsPiPs$ $CHP \ddot{e}P \cdot P \ddot{e}PeCf$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$ C, P° $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$) ($PrP \ddot{e}PI. CHPsP \cdot PrC - P \gg$ $B \ll PhCfPsP \pm P \gg P \ddot{e}PIPsCfC, C -$ $P \cdot P^\circ CfC, PsCfCrPIP^\circ PSPSCfB \gg$); $P^\circ CHP \ddot{e}C, PjC - Cf$ (PI $C, PsPjCr$ $C \ddagger P \ddot{e}CfP \gg C -$ $P \pm CHP^\circ PrP \ddot{e}PeP^\circ CHPrC - Cf$, $C \ddagger P \gg CrPSPsC \ddagger PePsPIP^\circ$ $C, P^\circ C \dots C - PeP^\circ CHPrC - Cf$ C, P° $C, C - P \pm CHP \ddot{e}P \gg CfC \ddagger C - Cf$ $PiP_{\mu}CHP_{\mu}PrCfP_{\mu}CHPrCH$) ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $PrCfP_{\mu}CHC - PrPePs$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$).

$P - P \pm PsPeCf CfCrPrP \ddot{e}PS$: $PiCHP \ddot{e}PiP \gg P \ddot{e}PIP \ddot{e}$ ($C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$); $PiC - PiPsC, P_{\mu}PSP \cdot C - Cf$ (C, P° $PiPsPiB_{\mu}^{\text{TM}}$ $CfP \cdot P^\circ PSC -$ $P \cdot PSP_{\mu}CH$ $CfP \ddot{e}PjPiC, PsPjP \ddot{e}$) ($PSP_{\mu}C \ddagger P^\circ CfC, Ps$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $C \ddagger P^\circ CfC, Ps$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PiCHP \ddot{e}PiP \gg P \ddot{e}PIP \ddot{e}$ $P_{\mu}P^\circ CHCr$ ($CHC - PrPePs^*$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $PIP^\circ CfPeCfP \gg C - C,$ ($PrCfP_{\mu}CHC - PrPePs$ bH " $P^\circ PjP \gg PsPrP \ddot{e}PiC - PS$; $PSP_{\mu}C \ddagger P^\circ CfC, Ps^*$ bH " $PiP_{\mu}CHP \ddot{e}PSPPrPsPiCHP \ddot{e}P \gg$); $C, P_{\mu}PSPsPjP_{\mu}PS$ P $P_{\mu}PN_{\circ}PSPs$ ($C \ddagger P^\circ CfC, PsC, P^\circ$ $PSP_{\mu}PIC - PrPsPjP^\circ$

P— P±PsPeCr PrPëC...P°P»CH̄PSPsC— CÍPëCÍC, PμPjPë, PsC̄PpP°PSC-PI PiC̄PcÍrPrPSPsC— PeP»C-C, PePë C, P° CÍPμC̄PμPrPsCÍC, C-PSPSCÍ: P·P°PrPëC€PeP° (C±P°CÍC, Ps б҃” P°PjP»PsPrPëPiC-PS C, P° PiPμC̄PëPSPPrPsPiC̄PëP»); PeP°C€PμP»CH̄ (PSPμC±P°CÍC, Ps б҃” P°PjP»PsPrPëPiC-PS; C±P°CÍC, Ps б҃” PiPμC̄PëPSPPrPsPiC̄PëP»); P±C̄PpSPSC...PsCÍPiP°P·Pj (PSPμC±P°CÍC, Ps б҃” PiPμC̄PëPSPPrPsPiC̄PëP»); PμPsP·PëPSPsC,,C-P»CH̄PSP° PiPSPμPiPjPsPSC-Cl (PrCrP¶Pμ C̄Pc-PrPePs б҃” PiPμC̄PëPSPPrPsPiC̄PëP»).

P— P±PsPeCr C€P»CřPSPePsIPs-PePëC€PePsIPsPiPs C,CђP°PeC,Cř: PiC-PiPµCђPiP»P°P·C-CЦ
CЦCřPµPS (PrCřP¶Pµ CђC-PrPePs бђ” P°PjP»PsPrPëPiC-PS); P±C-P»CH Cr P¶PëPIPsC,C-
(C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P° PiPµCђPëPSPrPsPiCђPëP»); PSCřPrPsC,P°
(C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P° PiPµCђPëPSPrPsPiCђPëP»); B P±P»CђPIP°PSPSCЦ
(PSPµC‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS; C‡P°CřC,Pс бђ” PiPµCђPëPSPrPsPiCђPëP»);
PrPëCřPiPµPiCřC-CЦ (C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P° PiPµCђPëPSPrPsPiCђPëP»);
P·PjC-PSP° CђPëC,PjCř PrPµC,,PµPeP°C†C-C— (C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS);
CřCřC...C-CřC,CH Cr CђPsC,C- (PSPµC‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P°
PiPµCђPëPSPrPsPiCђPëP»); PrC-P°CђPµCЦ (C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P°
PiPµCђPëPSPrPsPiCђPëP»); P·P°PiPsCђ (C‡P°CřC,Pс бђ” P°PjP»PsPrPëPiC-PS C,P°
PiPµCђPëPSPrPsPiCђPëP»); PiP°PSPeCђPµP°C,PëC, (PrCřP¶Pµ CђC-PrPePs бђ”
P°PjP»PsPrPëPiC-PS C,P° PiPµCђPëPSPrPsPiCђPëP»); PiP°CřC,CђPëC, (PrCřP¶Pµ CђC-PrPePs
бђ” P°PjP»PsPrPëPiC-PS).

P— P±PsPeCr PiPμPiP°C,PsP±C-P»C-P°C₇PSPsC— CÍPëCÍC,PμPjPë: PiPμPiP°C,PëC,, P¶PsPIC,C¶PSPëC†C¶ (PrCrP¶Pμ C₇C-PPrPePs бҢ” P°PjP»PsPrPëPiC-PS);
C†PëC,PsP»C-C,PëC†PSPëPN₂ P°P±Ps C...PsP»PμCÍC,P°C,PëC†PSPëPN₂ PiPμPiP°C,PëC, (PrCrP¶Pμ C₇C-PPrPePs бҢ” PiPμC₇PëPSPPrPsPiC₇PëP») (PrPëPI. C₇PsP-PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-P°CÍC,PsCÍCÍPIP°PSPSC¶B»); PiC-PrPIPëC%_{oo}PμPSPSC¶ C₇C-PIPsC¶ PiPμC†C-PSPePsPIPëC... C,,PμC₇PjPμPSC,C-PI (PiPμC₇PμPIP°P¶PSPs CÍPiC₇PëC†PëPSPμPSC- C...PsP»PμCÍC,P°P·PsPj) (PrCrP¶Pμ C₇C-PPrPePs бҢ” P°PjP»PsPrPëPiC-PS).

P— P±PsPeCr C€PeC-CH̄Pë C,P° PiC-PrC€PeC-CH̄PSPSc— PeP»C-C,PePsPiPëPSPë:
P°PSPiC-PsPSPµPICḤPsC,PëC‡PSPëPNë PSP°P±CḤCiIpe PḷPIC-PSPePµ (PrCrP¶Pµ CH̄C-PrPePs
вҒ” P°PjP»PsPrPëPiC-PS); P°PSPiC-PsPSPµPICḤPsC,PëC‡PSPëPNë PSP°P±CḤCiIpe
PsP±P»PëC‡C‡CiI, PeC-PSC†C-PIPsPe, PiCrP±, Cl’P»PëP·PsPiPëC... PsP±PsP»PsPSPsPe,
CiIpe·PëPeP°, PiPsP»PsCl’PsPiPsC— C%oC-P»PëPSPë C,P°/P°P±Ps PiPsCH̄C,P°PSC- (PrCrP¶Pµ
CH̄C-PrPePs вҒ”) P°PjP»PsPrPëPiC-PS; PSPµC‡P°Cl’C,Ps вҒ” PiPµCH̄PëPSPPrPsPiCH̄PëP») (PrPëPl.
CH̄PsP·PrC-P» B«PhCl’PsP±P»PëPIPsCl’C,C- P·P°Cl’C,PsCl’CrPIP°PSPSCiIB»);
PjCrP»CH̄C,PëC,,PsCH̄PjPSP° PµCH̄PëC,PµPjP° (PrCrP¶Pµ CH̄C-PrPePs - P°PjP»PsPrPëPiC-PS C,P°
PiPµCH̄PëPSPPrPsPiCH̄PëP»); P°P»PsPiPµC†C-CiI (PSPµC‡P°Cl’C,Ps вҒ” P°PjP»PsPrPëPiC-PS);B
PiCrCH̄PiCrCH̄P° (PSPµC‡P°Cl’C,Ps вҒ”) P°PjP»PsPrPëPiC-PS); P·PSPµP±P°CH̄PIP»PµPSPSCiI
C€PeC-CH̄Pë (PSPµC‡P°Cl’C,Ps вҒ”) P°PjP»PsPrPëPiC-PS); PiC-PiPµCH̄PiC-PrCH̄PsP·
(PSPµC‡P°Cl’C,Ps вҒ”) P°PjP»PsPrPëPiC-PS C,P° PiPµCH̄PëPSPPrPsPiCH̄PëP»); Cl’PiPµCH̄P±C-P¶
(PSPµC‡P°Cl’C,Ps вҒ”) P°PjP»PsPrPëPiC-PS; C‡P°Cl’C,Ps вҒ”) PiPµCH̄PëPSPPrPsPiCH̄PëP»);
PiPëCl’PëPi, PµPeP·P°PSC,PµPjP° (PSPµC‡P°Cl’C,Ps вҒ”) P°PjP»PsPrPëPiC-PS; C‡P°Cl’C,Ps вҒ”)
PiPµCH̄PëPSPPrPsPiCH̄PëP»); PeCH̄PsPiPëPiбҒ™ CiIPSPeP° (PSPµC‡P°Cl’C,Ps вҒ”)
P°PjP»PsPrPëPiC-PS C,P° PiPµCH̄PëPSPPrPsPiCH̄PëP») (PrPëPl. CH̄PsP·PrC-P»
B«PhCl’PsP±P»PëPIPsCl’C,C- P·P°Cl’C,PsCl’CrPIP°PSPSCiIB»); CH̄PµP°PeC†C-C—
C,,PsC,PsC‡CrC,P»PëPIPsCl’C,C- (PrCrP¶Pµ CH̄C-PrPePs вҒ”) P°PjP»PsPrPëPiC-PS;
PSPµC‡P°Cl’C,Ps* вҒ”) PiPµCH̄PëPSPPrPsPiCH̄PëP»); PiPµPjC,C-PiPsC—Pr (PSPµC‡P°Cl’C,Ps* вҒ”

$\text{PiP}\mu\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{PSPrPsPiC}\bar{\text{H}}\text{P}\bar{\text{e}}\text{P}}\rangle$; $\text{PiPsC}\bar{\text{I}}\text{P}\bar{\text{e}}\text{P}}\rangle\mu\text{PSPSC}\bar{\text{I}}\text{C}\bar{\text{I}}\text{P}\bar{\text{e}}\text{PjPiC},\text{PsPjC-PI PiC}\bar{\text{I}}\text{PsC}\bar{\text{H}}\text{C-P}^\circ\text{P}\cdot\text{Cr}$
 $(\text{C}\bar{\text{H}}\text{C-PrPePs в}\bar{\text{H}}''\text{ PiP}\mu\text{C}\bar{\text{H}}\text{P}\bar{\text{e}}\text{PSPrPsPiC}\bar{\text{H}}\text{P}\bar{\text{e}}\text{P}}\rangle$; $\text{C}\bar{\text{I}}\text{P}\bar{\text{e}}\text{PSPrC}\bar{\text{H}}\text{PsPj P}\bar{\text{Y}}\text{C},\text{C-PIP}\mu\text{PSC}\bar{\text{I}}\text{P}^\circ\text{ в}\bar{\text{H}}''$
 $\text{P}''\text{P}\bar{\text{I}}\text{PsPSC}\bar{\text{I}}\text{PsPSP}^\circ(\text{PrCrP}\bar{\text{I}}\mu\text{C}\bar{\text{H}}\text{C-PrPePs в}\bar{\text{H}}''\text{ P}^\circ\text{PjP}}\rangle\text{PsPrP}\bar{\text{e}}\text{PiC-PS})$;
 $\mu\text{P}\mu\text{PeC}\bar{\text{I}}\text{C},,\text{PsP}}\rangle\text{C-P}^\circ\text{C},\text{P}\bar{\text{e}}\text{PIPSP}\bar{\text{e}}\text{PN}_\text{e}\text{ PrP}\mu\text{C}\bar{\text{H}}\text{PjP}^\circ\text{C},\text{P}\bar{\text{e}}\text{C},(\text{PrCrP}\bar{\text{I}}\mu\text{C}\bar{\text{H}}\text{C-PrPePs в}\bar{\text{H}}''$
 $\text{P}^\circ\text{PjP}}\rangle\text{PsPrP}\bar{\text{e}}\text{PiC-PS})$; $\text{C},\text{PsPeC}\bar{\text{I}}\text{P}\bar{\text{e}}\text{C}\bar{\text{I}}\text{PSP}\bar{\text{e}}\text{PN}_\text{e}\text{ P}\mu\text{PiC-PrP}\mu\text{C}\bar{\text{H}}\text{PjP}^\circ\text{P}}\rangle\text{CHbPSP}\bar{\text{e}}\text{PN}_\text{e}\text{ PSP}\mu\text{PeC}\bar{\text{H}}\text{PsP}}\rangle\text{C-P}\cdot$
 $(\text{C}\bar{\text{I}}\text{P}^\circ\text{C}\bar{\text{I}}\text{C},\text{PsC},\text{P}^\circ\text{ PSP}\mu\text{PIC-PrPsPjP}^\circ\text{ в}\bar{\text{H}}''\text{ P}^\circ\text{PjP}}\rangle\text{PsPrP}\bar{\text{e}}\text{PiC-PS}).$

PJC€PePsPrP¶PµPSPSC¶, PsC, C¶C¶C¶PSPSC¶ C, P° C¶C¶PeP»P°PrPSPµPSPSC¶ P¶C¶P¶
P¶C¶PsPIPµPrPµPSPSC- P¶C¶PsC¶PµPrC¶C¶: P¶P°PrC-PSPSC¶ (PSPµC¶P°C¶C, Ps* B¶
P¶PµC¶P¶PSPPrPsP¶C¶P¶P»).

*P§P°C¶C, PsC, C¶ P±C¶P»Ps C¶PsP·C¶P°C...PsPIP°PSPs P·P° PrP°PSP¶PjP¶ C¶P¶PsPSC, P°PSPSP¶C...
P¶PsPIC-PrPsPjP»PµPSC¶ P¶C¶Ps P¶PsP±C-C¶PSC- C¶PµP°PeC¶C-C—, PIP¶C¶PIP»PµPSC- C¶ C...PsPrC-
PeP»C-PSC-C¶PSP¶C... PrPsC¶P»C-PrP¶PµPSC¶.

PµPsPIC-PrPsPjP»PµPSPSC¶ P¶C¶Ps P¶PsP±C-C¶PSC- C¶PµP°PeC¶C-C— P¶C-C¶P»C¶
C¶PµC¶C¶C, C¶P°C¶C-C— P»C-PeP°C¶C¶C¶PePsPiPs P·P°C¶PsP±C¶ PjP°C¶ PIPµP»P¶PePµ
P·PSP°C¶PµPSPSC¶. P¶Pµ PrP°C¶ P·PjPsPiC¶ P¶C¶PsPIPsPrP¶C, P¶ PjPsPSC-C, PsC¶P¶PSPi
C¶P¶C-PIPIC-PrPSPsC¶PµPSPSC¶ PePsC¶P¶C¶C, C¶/C¶P¶P·P¶Pe P¶C¶P¶
P·P°C¶C, PsC¶C¶PIP°PSPSC- C¶C¶PsPiPs P»C-PeP°C¶C¶C¶PePsPiPs P·P°C¶PsP±C¶.
P¶PµPrP¶C¶PSP¶Pj C, P° C, „P°C¶PjP°C¶PµPIC, P¶C¶PSP¶Pj P¶C¶P°C¶C-PIPS¶PeP°Pj, P°
C, P°PePsP¶ P¶P°C¶C-C¶PSC, P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSP¶Pj
P¶C¶PµPrC¶C, P°PIPSP¶PeP°Pj C¶P»C-Pr P¶PsPIC-PrPsPjP»C¶C, P¶ P¶C¶Ps C¶C¶C-
PIP¶P¶P°PrPeP¶ P¶C-PrPsP·C¶C¶PIP°PSP¶C... P¶PsP±C-C¶PSP¶C... C¶PµP°PeC¶C-PN¶ C, P°
PIC-PrC¶C¶C, PSPsC¶C, C- PµC, „PµPeC, P¶PIPSPsC¶C, C- P»C-PeP°C¶C¶C¶PePsPiPs P·P°C¶PsP±C¶
C¶PµC¶PµP· P¶PIC, PsPjP°C, P¶P·PsPIP°PSC¶ C-PSC, „PsC¶PjP°C¶C-PN¶PSC¶ C¶P¶C¶C, PµPjC¶ P·
C, „P°C¶PjP°PePsPSP°PiP»C¶PrC¶ P·P° P¶PsC¶P¶P»P°PSPSC¶Pj: <https://aisf.dec.gov.ua>

P¶PµC¶PjC-PS P¶C¶P¶PrP°C, PSPsC¶C, C-.

2 C¶PsPeP¶.

PIPjPsPIP¶ P·P±PµC¶C-PiP°PSPSC¶.

P—P±PµC¶C-PiP°C, P¶ P¶C¶P¶ C, PµPjPiPµC¶P°C, C¶C¶C- PSPµ PIP¶C¶%Pµ 30 B°C PI
PsC¶P¶PiC-PSP°P»C¶PSC-PN¶ C¶P¶P°PePsPIC¶C-.

P—P±PµC¶C-PiP°C, P¶ PI PSPµPrPsC¶C, C¶P¶PSPsPjC¶ PrP»C¶ PrC-C, PµPN¶ PjC-C¶C¶C-.

PjP¶P°PePsPIPeP°.

PµPs 30 C, P°P±P»PµC, PsPe (10×3) C¶ P±P»C-C¶C, PµC¶C- C¶ P¶P°C¶C¶C- P· PeP°C¶C, PsPSC¶.

P¶P°C, PµPiPsC¶C-C¶ PIC-PrP¶C¶C¶PeC¶.

P—P° C¶PµC¶PµP¶C, PsPj.

P'P¶C¶PsP±PSP¶Pe.

Р҃҃Р҃Р҃ Р҃Р҃Р҃ В«Р҃Р҃Р҃Р҃ Р҃Р҃Р҃Р҃Р҃Р҃» (PIC-PrPіPsPIC-PrP°P»CHPSPөPNө Р·Р° PIPөPіCfCfPe CfPμCfC-C—, PSPμ PIPөP»CHC±P°CHC±Pө PePsPSC,CfPсP»CH/PIPөPіCfPсP±CfPIP°PSPSCf CfPμCfC-C—).

Р҃Р҃ В«Р҃Р҃Р҃Р҃Р҃Р҃» (PIC-PrPіPsPIC-PrP°P»CHPSPөPNө Р·Р° PIPөCfPсP±PSPөCfC,PIPs C,P° PePsPSC,CfPсP»CH/PIPөPіCfPсP±CfPIP°PSPSCf CfPμCfC-C—, PSPμ PIPөP»CHC±P°CHC±Pө PIPөPіCfCfPe CfPμCfC-C—).

Р҃PsPIC-PrPsPjPөC,Pө PіCfPс PSPμP±P°P¶P°PSPμ C¶PIPөC%Pμ PіCfPө Р·Р°CfC,PсCfCfPIP°PSPSC- P»C-PөP°CfCfCHPePsPiPs Р·Р°CfPсP±Cf Р’Pө PjPsP¶PμC,Pμ C±PμCfPμP· CfPөCfC,PμPjCf C„P°CfPjP°PePsPSP°PiP»C¶PrCf Р҃Р҃Р҃ Р҃Р҃Р҃ В«Р҃Р҃Р҃Р҃ Р҃Р҃Р҃Р҃Р҃Р҃» PSP° PSPsPjPμCf C,PμP»PμC„PsPSCf: 38(050) 309-83-54 (CfC-P»PsPrPsP±PsPIPs) P°P±Ps Р·Р° PіPsCfPөP»P°PSPSCfPj: <https://microkhim.com.ua/farmakonaglyad/>

Р҃C-CfCfPμP·PSP°C...PsPrP¶PμPSPSCf PIPөCfPсP±PSPөPeP° C,P° P°PrCfPμCfP° PjC-CfCfCf PіCfPсPIP°PrP¶PμPSPSCf PNөPsPiPs PrC-C¶P»CHPSPсCfC,C-.

PjPeCfP°C—PSP°, 01013, Pj. Р҃PөC—PI, PICfP». P’CfPrC-PSPPrCfCfC,CfC-C—, P±CfPr. 5.

PjPeCfP°C—PSP°, 04080, Pj. Р҃PөC—PI, PICfP». Р҃PөCfPөP»C-PICfCHPeP°, 74.