

Р РёРІР°СҢРѕРёСҢР°Р°Р±Р°Рѕ РҖ“ РІРёСҢРѕРёРѕРѕСҢР°Р°Р»Р»РёРёСҢ,РёРІРІРѕРёРёРё РёСҢСҢСҢРјРјРёРёРё

C-PSPiC-P±C-C,PsC₇ C,,P°PeC,PsC₇P° PΓP°, C%Ps PjP°C" PrPsCΓC,P°C,PSCHPs PIPëCΓPsPeCΓ P±C-PsPrPsCΓC,CrPīPSC-CΓC,CH PīC₇Pē PīPμC₇PsC₇P°P»CHPSPsPjCΓ P·P°CΓC,PsCΓCΓPIP°PSPSC-. P'P»PsPeCΓPIP°PSPSCΠ P°PeC,PēPIPSPsCΓC,C- C,,P°PeC,PsC₇CΓ PΓP° PīPμC₇PμC₇PēPIP°C" PIPSCΓC,C₇C-CēPSC-PN₂ C,P° P·PsPIPSC-CēPSC-PN₂ CēP»CΠC...Pē PePsP°PiCΓP»CΠCΓC-PN₂PSPsPiPs PeP°CΓPeP°PrCΓ, C-, CΠPe PSP°CΓP»C-PrPsPe, PīC₇PēPiPSC-C±CΓC"C,CHCΓCΠ C,,PsC₇PjCΓPIP°PSPSCΠ C,C₇PsPjP±C-PSCΓ C,P° CΓC,PIPsC₇PμPSPSCΠ C,C₇PsPjP±CΓ. P PēPIP°C₇PsPeCΓP°P±P°PS P±PμP·PīPsCΓPμC₇PμPrPSC₇Ps PSPμ PīC₇PēPiPSC-C±CΓC" P°PeC,PēPIPSC-CΓC,CH C,C₇PsPjP±C-PSCΓ (P°PeC,PēPIPSPIP°PSPsPiPs C,,P°PeC,PsC₇P° P†P†) C,P° PSPμ PIPīP»PēPIP°C" PSP° C,C₇PsPjP±PsC†PēC,Pē.

PαP°C₇PjP°PePsPrPēPSP°PjC-C±PSC- PμC,,PμPeC,Pē

PμC₇Pē P·P°CΓC,PsCΓCΓPIP°PSPSC- CΓ P»CHPrPμPN₂ PIC-PrPjC-C±PμPSPs PrPsP·PsP·P°P»PμPΠPSPμ C-PSPiC-P±CΓPIP°PSPSCΠ P°PeC,PēPIPSPsCΓC,C- C,,P°PeC,PsC₇P° PΓP°. PμC₇Pē PIPēPePsC₇PēCΓC,P°PSPSC- C,PμCΓC,Cr Neoplastin C₇PēPIP°C₇PsPeCΓP°P±P°PS PIPëCΠPIP»CΠC" PrPsP·PsP·P°P»PμPΠPSPēPN₂ PIPīP»PēPI PSP° PīC₇PsC,C₇PsPjP±C-PSPsPIPēPN₂ C±P°CΓ, C%Ps PrPsCΓC,PsPIC-C₇PSPs PePsC₇PμP»C₇C" P· PePsPSC†PμPSC,C₇P°C†C-CΠPjPē CΓ PīP»P°P·PjC- PeC₇PsPIC- (r=0,98). PμC₇Pē PIPēPePsC₇PēCΓC,P°PSPSC- C-PSCēPēC... C,PμCΓC,C-PI/PSP°P±PsC₇C-PI C₇PμP·CΓP»CHC,P°C,Pē P±CΓPrCΓC,CH C-PSCēPēPjPē. PμPsPeP°P·P°PSPSCΠ PīC₇PēP»P°PrCΓ PIP°C₇C,Ps P·PSC-PjP°C,Pē CΓ CΓPμPeCΓPSPPrP°C..., PsCΓPeC-P»CHPePē P₇PKP' (PjC-PΠPSP°C₇PsPrPSPμ PSPsC₇PjP°P»C-P·PsPIP°PSPμ PIC-PrPSPsCēPμPSPSCΠ) PIC-PrPeP°P»C-P±C₇PsPIP°PSPμ C,P° PīC₇PsPIP°P»C-PrPsPIP°PSPμ C,C-P»CHPePē PrP»CΠ PeCΓPjP°C₇PēPSC-PI C- PN₂PsPiPs PSPμ PjPsPΠPSP° P·P°CΓC,PsCΓPsPICΓPIP°C,Pē PrP»CΠ C-PSCēPēC... P°PSC,PēPePsP°PiCΓP»CΠPSC,C-PI. Pj PīP°C†C-C"PSC,C-PI, CΠPePēPj PīC₇PsPIPsPrCΠC,CH PIPμP»PēPeC- PsC₇C,PsPīPμPrPēC±PSC- PIC,C₇CΓC±P°PSPSCΠ, 5/95 PīC₇PsC†PμPSC,PēP»C-PI PrP»CΠ PīC₇PsC,C₇PsPjP±C-PSCΓ (C,PμCΓC, Neoplastin) C±PμC₇PμP· 2B₇"4 PiPsPrPēPSPē PīC-CΓP»CΠ PīC₇PēPN₂PsPjCΓ C,P°P±P»PμC,PePē (C,PsP±C,Ps PīC-Pr C±P°CΓ PrPsCΓCΠPiPSPμPSPSCΠ PjP°PeCΓPēPjP°P»CHPSPsPiPs PμC,,PμPeC,CΓ) PePsP»PēPIP°CHC,CHCΓCΠ PIC-Pr 13 PrPs 25 CΓ (PIPëC...C-PrPSC- P·PSP°C±PμPSPSCΠ PrPs PīC₇PsPIPμPrPμPSPSCΠ PIC,C₇CΓC±P°PSPSCΠ: 12B₇"15 CΓ).

Pj C...PsPrC- PeP»C-PSC-PePs-C,,P°C₇PjP°PePsP»PsPiC-C±PSPsPiPs PrPsCΓP»C-PrPΠPμPSPSCΠ P· PIPëPIC±PμPSPSCΠ PīC₇PēPiPSC-C±PμPSPSCΠ C,,P°C₇PjP°PePsPrPēPSP°PjC-PePē C₇PēPIP°C₇PsPeCΓP°P±P°PSCΓ CΓ P·PrPsC₇PsPIPëC... PrPsC₇PsCΓP»PēC... PrPsP±C₇PsPIPsP»CHC†C-PI (n=22) PīC₇PsPIPsPrPēP»P°CΓCH PsC†C-PSPeP° PIPīP»PēPICΓ PsPrPSPsC₇P°P·PsPIPëC... PrPsP· (50 P₇Ph/PePi) PePsPSC†PμPSC,C₇P°C,C-PI PīC₇PsC,C₇PsPjP±C-PSPsPIPsPiPs PePsPjPīP»PμPeCΓCΓ (P PŸPŸ) PrPIPsC... C₇C-P·PSPëC... C,PēPiC-PI: P PŸPŸ C-P· 3 C,,P°PeC,PsC₇C-PI (C,,P°PeC,PsC₇Pē P†P†, P†PΓ C,P° PΓ) C,P° P PŸPŸ C-P· 4 C,,P°PeC,PsC₇C-PI (C,,P°PeC,PsC₇Pē P†P†, VP†P†, P†PΓ C,P° PΓ). PμC₇Pē P·P°CΓC,PsCΓCΓPIP°PSPSC- P PŸPŸ C-P· 3 C,,P°PeC,PsC₇C-PI CΓPīPsCΓC,PμC₇C-PiP°P»PsCΓCΠ P·PSPēPΠPμPSPSCΠ CΓPμC₇PμPrPSC-C... P·PSP°C±PμPSC₇ PμP§ (PīC₇PsC,C₇PsPjP±C-PSPsPIPsPiPs C±P°CΓCΓ) (Neoplastin) PīC₇PēP±P»PēP·PSPs PSP° 1,0 CΓ P·P° 30 C...PIPēP»PēPS, P° PSP° C,P»C- P PŸPŸ C-P· 4 C,,P°PeC,PsC₇C-PI C,P°PeC- P·PSP°C±PμPSPSCΠ P·PSPēP·PēP»PēCΓCH PSP° P±P»PēP·CHPePs 3,5 CΓ. P₇KP°C,PsPjC-CΓC,CH P PŸPŸ C-P· 3 C,,P°PeC,PsC₇C-PI PIPëCΠPIP»CΠP»Pē PīPsC,CΓPΠPSC-CēPēPN₂ C,P° CēPIPēPrCēPēPN₂ P·P°PiP°P»CHPSPēPN₂ PIPīP»PēPI PSP° PīC₇PēPiPSC-C±PμPSPSCΠ P·PjC-PS PI CΓC,PIPsC₇PμPSPSC- PμPSPPrPsPiPμPSPSPsPiPs C,C₇PsPjP±C-PSCΓ, PSC-PΠ P PŸPŸ C-P· 4 C,,P°PeC,PsC₇C-PI (PrPēPI. C₇PsP·PrC-P» B«PμPμC₇PμPrPsP·CΓPIP°PSPSCΠB»).

PŸP°PePsPΠ C₇PēPIP°C₇PsPeCΓP°P±P°PS PrPsP·PsP·P°P»PμPΠPSPs P·P±C-P»CHCēCΓC"

Pj PrPsCfP»C-PrP¶PuPSPSC- Einstein DVT PIPëPIC±P°P»PëCfCH 3449 PïP°C†C-C''PSC,C-PI P·
PiPsCfC,CfPëPj PÿP'P' P· PjPuC,PsCH P»C-PeCrPIP°PSPSC¶ PÿP'P' C,P°
PiPsPiPuCfPuPrP¶PuPSPSC¶ PiPsPIC,PsCfPSPSPiPs CfPsP·PIPëC,PeCr PÿP'P' C- PÿP·P·P¶
(PïP°C†C-C''PSC,Pë P· PeP»C-PSC-C±PSPëPjPë PiCfPsC¶PIP°PjPë PÿP·P·P¶ PSPµ
PIPeP»CHC±P°P»PëCfC¶ Cr C†Pu PrPsCfP»C-PrP¶PuPSPSC¶). PÿCfPëPIP°P»C-CfC,CH

P»C-PeCfPIP°PSPSCЦ CГC,P°PSPsPIPeP»P° 3, 6 C- 12 PjC-CГCЦC†C-PI, P·P°P»PμP¶PSPs PIC-Pr PeP»C-PSC-C‡PSPsC— PsC†C-PSPePë P»C-PeP°CГCЦ.

PμCГPsC,CЦPiPsPj PïPμCГC€PëC... 3 C,PëP¶PSC-PI C,PμCГP°PiC-C— PrP»CЦ
P»C-PeCfPIP°PSPSCЦ PÿP“P’ P·P°CГC,PsCГPsPICfPIP°PICГCЦ CГPePIP°CГPsPeCГP°P±P°PS CГ
PrPsP·C- 15 PjPi PrPIC-C‡C- PSP° PrPsP±CГ. PμC-CГP»CЦ P·P°PeC-PSC‡PμPSPSCЦ C†CHPsPiPs
PïPμCГC-PsPrCГ PïP°C†C-C”PSC,Pë PsC,CГPePjCГPIP°P»Pë CГPePIP°CГPsPeCГP°P±P°PS CГ
PrPsP·C- 20 PjPi
1 CГP°P· PSP° PrPsP±CГ.

PJ PrPsCГP»C-PrP¶PμPSPSC- Einstein PE PIPëPIC‡P°P»PëCГCH 4832 PïP°C†C-C”PSC,Pë P·
PiPsCГC,CГPsCГ PÿP·P·Pђ P· PjPμC,PsCГ P»C-PeCfPIP°PSPSCЦ PÿP·P·Pђ C,P°
PiCГPsC,,C-P»P°PeC,PëPePë CГPμC†PëPrPëPIC-PI PÿP“P’ C- PÿP·P·Pђ. PÿCГPePIP°P»C-CГC,CH
P»C-PeCfPIP°PSPSCЦ CГC,P°PSPsPIPeP»P° 3, 6 C,P° 12 PjC-CГCЦC†C-PI, P·P°P»PμP¶PSPs
PIC-Pr PeP»C-PSC-C‡PSPsC— PsC†C-PSPePë P»C-PeP°CГCЦ.

P”P»CЦ PïPμCГPIPëPSPSPsC— C,PμCГP°PiC-C— PiPsCГC,CГPsC— PÿP·P·Pђ
P·P°CГC,PsCГPsPICfPIP°P»Pë CГPePIP°CГPsPeCГP°P±P°PS CГ PrPsP·C- 15 PjPi PrPIC-C‡C- PSP°
PrPsP±CГ PiCГPsC,CЦPiPsPj C,CГCHPsC... C,PëP¶PSC-PI. P”P°P»C- P»C-PeCfPIP°PSPSCЦ
PiCГPsPrPsPIP¶CГPIP°P»PsCГCH CГPePIP°CГPsPeCГP°P±P°PSPsPj CГ PrPsP·C- 20 PjPi 1 CГP°P·
PSP° PrPsP±CГ.

P’ PsP±PsC... PrPsCГP»C-PrP¶PμPSPSCЦC..., Einstein DVT C,P° Einstein PE,
PiPsCГC-PIPSCЦP»CHPSC- CГPμP¶PëPjPë P»C-PeCfPIP°PSPSCЦ CГPeP»P°PrP°P»PëCГCЦ P·
C,PμCГP°PiC-C— PμPSPsPeCГP°Pi°CГPePSPsPj PiCГPsC,CЦPiPsPj PiCГPePSP°PNëPjPSC- 5
PrPSC-PI CГ PePsPjP±C-PSP°C†C-C— P· P°PSC,P°PiPsPSC-CГC,PsPj PIC-C,P°PjC-PSCГ Pђ PrPs
PrPsCГCЦPiPSPμPSPSCЦ C,PμCГP°PiPμPIC,PëC‡PSPsPiPs PrC-P°PiP°P·PsPSCГ PμP§/PђPќP’
(≥2,0). P”P°P»C- P»C-PeCfPIP°PSPSCЦ PiCГPsPrPsPIP¶CГPIP°P»PsCГCH
P°PSC,P°PiPsPSC-CГC,PsPj PIC-C,P°PjC-PSCГ Pђ CГ PrPsP·C-, PSPμPsP±C...C-PrPSC-PNë PrP»CЦ
PiC-PrC,CГPePjPePë P·PSP°C‡PμPSPSCЦ PμP§/PђPќP’ CГ PjPμP¶P°C...
C,PμCГP°PiPμPIC,PëC‡PSPsPiPs PrC-P°PiP°P·PsPSCГ 2,0ђГ“3,0.

PJ PrPsCГP»C-PrP¶PμPSPSC- Einstein Extension PIPëPIC‡P°P»PëCГCЦ 1197 PïP°C†C-C”PSC,C-PI
P· PÿP“P’ P°P±Ps PÿP·P·Pђ P· PjPμC,PsCГ PiCГPsC,,C-P»P°PeC,PëPePë PiPsPIC,PsCГPSPsPiPs
PIPëPSPëPePSPμPSPSCЦ PÿP“P’ C- PÿP·P·Pђ. PÿCГPePIP°P»C-CГC,CH P»C-PeCfPIP°PSPSCЦ
PrPsPrP°C,PePsPiPs CГC,P°PSPsPIPeP»P° 6 P°P±Ps 12 PjC-CГCЦC†C-PI CГ PïP°C†C-C”PSC,C-PI,
CЦPeC- P·P°PiPμCГC€PëP»Pë 6 P°P±Ps 12-PjC-CГCЦC‡PSPëPNë PeCГCГCГ C,PμCГP°PiC-C—
PIPμPSPsP·PSPsC— C,CГPsPjP±PsPμPjP±PsP»C-C—, P·P°P»PμP¶PSPs PIC-Pr
PeP»C-PSC-C‡PSPsC— PsC†C-PSPePë P»C-PeP°CГCЦ. P PëPIP°CГPsPeCГP°P±P°PS CГ PrPsP·C-
20 PjPi 1 CГP°P· PSP° PrPsP±CГ PiPsCГC-PIPSCГPIP°PICГCЦ P· PïP»P°C†PμP±Ps.

PJ PrPsCГP»C-PrP¶PμPSPSCЦC... Einstein DVT, Einstein PE C,P° Einstein Extension
P·P°CГC,PsCГPsPICfPIP°P»Pë PsPrPSP°PePsPIC- PiPsPiPμCГPμPrPSCHPs PIPëP·PSP°C‡PμPSC-
PïPμCГPIPëPSPSC- C,P° PIC,PsCГPePSPSC- PiPsPeP°P·PSPëPePë PμC,,PμPeC,PëPIPSPsCГC,C-.
PμPμCГPIPëPSPSPëPj PiPsPeP°P·PSPëPePsPj PμC,,PμPeC,PëPIPSPsCГC,C- P±CГP»Pë
CГPμC†PëPrPëPIPë P’PÿP· P· PeP»C-PSC-C‡PSPëPjPë PiCГPsCЦPIP°PjPë, PIPëP·PSP°C‡PμPSC-
CЦPe CГCГPeCГPiPSC-CГC,CH PiPsPIC,PsCГPSPsPiPs PÿP“P’ P°P±Ps P»PμC,P°P»CHPSPsC—
C‡Pë PSPμP»PμC,P°P»CHPSPsC— PÿP·P·Pђ. P’C,PsCГPePSPSPëPNë PiPsPeP°P·PSPëPe
PμC,,PμPeC,PëPIPSPsCГC,C- PIPëP·PSP°C‡P°PICГCЦ CЦPe CГCГPeCГPiPSC-CГC,CH
CГPμC†PëPrPëPIC-PI PÿP“P’, PSPμP»PμC,P°P»CHPSPsC— PÿP·P·Pђ C,P° P»PμC,P°P»CHPSPëC...
PIPëPiP°PrPeC-PI P· CГCГC-C... PiCГPëC‡PëPS.

PJ PrPsCfP»C-PrP¶PµPSPSC- Einstein Choice PIPëPIC†P°P»PëCfCf 3396 PïP°C†C-C"PSC,C-PI C-P· PiC-PrC,PIPµCfPPrP¶PµPSPëPj CfPëPjPiC,PsPjPSPëPj PÿP"P' C,P°/P°P±Ps PÿP·P>Ph P· PjPµC,PsCf PiCfPsC,,C-P»P°PeC,PëPePë P»PµC,P°P»CHbPSPsC— PÿP·P>Ph P°P±Ps PSPµP»PµC,P°P»CHbPSPsPiPs CfPëPjPiC,PsPjPSPsPiPs PïPsPIC,PsCfPSPsPiPs PIPëPSPëPePSPµPSPSCf PÿP"P' P°P±Ps PÿP·P>Ph, CfPeC- P·P°PIPµCfCëPëP»Pë PeCfCfCf P°PSC,PëPePsP°PiCfP»CfPSC,PSPsC— C,PµCfP°PiC-C— C,CfPëPIP°P»C-CfC,Cf 6b7f"12 PjC-CfCfC†C-PI. PµP°C†C-C"PSC,Pë P· PïPsPeP°P·P°PSPSCfPj PrP»Cf C,CfPëPIP°P»PsC— P°PSC,PëPePsP°PiCfP»CfPSC,PSPsC— C,PµCfP°PiC-C— Cf C,PµCfP°PiPµPIC,PëC†PSPëC... PrPsP·P°C... P±CfP»Pë PIPëPeP»CfC†PµPSC- C-P· PrPsCfP»C-PrP¶PµPSPSCf. PÿCfPëPIP°P»C-CfC,CH P»C-PeCfPIP°PSPSCf CfC,P°PSPsPIPëP»P° PrPs 12 PjC-CfCfC†C-PI P·P°P»PµP¶PSPs PIC-Pr C-PSPrPëPIC-PrCfP°P»CHbPSPsC— PrP°C,Pë CfP°PSPPrPsPjC-P·P°C†C-C— (PjPµPrC-P°PSP°: 351 PrPµPSCb). P"C-Cf CfPëPIP°CfPsPeCfP°P±P°PSCr Cf PrPsP·C- 20 PjPi 1 CfP°P· PSP° PrPsP±Cf C,P° Cf PrPsP·C- 10 PjPi 1 CfP°P· PSP° PrPsP±Cf PïPsCfC-PIPSCfPIP°P»Pë C-P· PrC-C"Cf 100 PjPi P°C†PµC,PëP»CfP°P»C-C†PëP»PsPIPsC— PePëCfP»PsC,Pë 1 CfP°P· PSP° PrPsP±Cf.

PµPµCfPIPëPSPSPëPj PïPsPeP°P·PSPëPePsPj PµC,,PµPeC,PëPIPSPsCfC,C- P±CfPI CfPëPjPiC,PsPjPSPëPµ CfPµC†PëPrPëPI P'PÿP·, PIPëP·PSP°C†PµPSPëPµ CfPe CfCfPeCfPiPSC-CfC,CH PïPsPIC,PsCfPSPsPiPs PÿP"P' P°P±Ps P»PµC,P°P»CHbPSPsC— C†Pë PSPµP»PµC,P°P»CHbPSPsC— PÿP·P>Ph.

PJ PrPsCfP»C-PrP¶PµPSPSC- Einstein DVT (PrPëPI. C,P°P±P»PëC†Cf 2) CfPëPIP°CfPsPeCfP°P±P°PS PïCfPsPrPµPjPsPSCfC,CfCfPIP°PI PSPµ PjPµPSCëCf PµC,,PµPeC,PëPIPSC-CfC,CH, PSC-P¶ PµPSPsPeCfP°PiP°CfPëPS/P°PSC,P°PiPsPSC-CfC, PIC-C,P°PjC-PSCr Pµ P·P° PïPµCfPIPëPSPSPëPj PïPsPeP°P·PSPëPePsPj PµC,,PµPeC,PëPIPSPsCfC,C- (Cf<0,0001) (PïPsPeP°P·PSPëPe B«PSPµ PïPsCfC,CfPiP°C"C,CHCfCfB»); PIC-PrPSPsCëPµPSPSCf CfPëP·PëPeC-PI: 0,680 (0,443b7f"1,042), Cf=0,076 (PïPsPeP°P·PSPëPe B«PïPµCfPµPIPµCfCëCfC"B»). PÿPiC-PIPIC-PrPSPsCëPµPSPSCf CfPëP·PëPeC-PI P·P° PïPsPiPµCfPµPrPSCbPs P·P°PrP°PSPsCf C†PëCfC,PsCf PeP»C-PSC-C†PSPsCf PePsCfPëCfC,Cf (PïPµCfPIPëPSPSPëPµ PïPsPeP°P·PSPëPe PµC,,PµPeC,PëPIPSPsCfC,C- PïP»CfCf PjP°CfPëPIPSC- PeCfPsPIPsC,PµC†C-) CfC,P°PSPsPIPëP»Ps 0,67 [(95% P"P† (PrPsPIC-CfC†PëPµ C-PSC,PµCfPIP°P»): 0,47b7f"0,95), PSPsPjC-PSP°P»CHbPSPµ P·PSP°C†PµPSPSCf Cf=0,024] PSP° PePsCfPëCfC,CH CfPëPIP°CfPsPeCfP°P±P°PSCr. P—PSP°C†PµPSPSCf PµP¶P' P·PSP°C...PsPrPëP»PëCfCf PI PjPµP¶P°C... C,PµCfP°PiPµPIC,PëC†PSPsPiPs PrC-P°PiP°P·PsPSCr PI CfPµCfPµPrPSCbPsPjCf 60,3% C†P°CfCf PïCfPë CfPµCfPµPrPSC-Pµ C,CfPëPIP°P»PsCfC,C- P»C-PeCfPIP°PSPSCf 189 PrPSC-PI C,P° 55,4%, 60,1% C- 62,8% C†P°CfCf PI PïCfCfPiP°C... C-P· P·P°PiP»P°PSPsPIP°PSPsCf C,CfPëPIP°P»C-CfC,Cf P»C-PeCfPIP°PSPSCf 3, 6 C- 12 PjC-CfCfC†C-PI PIC-PrPïPsPIC-PrPSPs. P' PiCfCfPiC-, C°Ps P»C-PeCfPIP°P»P°CfCf PµPSPsPeCfP°PiP°CfPëPSPsPj/P°PSC,P°PiPsPSC-CfC,PsPj PIC-C,P°PjC-PSCr Pµ, PSPµ PIC-PrPjC-C†PµPSPs C†C-C,PePsC— P·P°P»PµP¶PSPsCfC,C- PjC-P¶ CfC-PIPSPµPj CfPµCfPµPrPSCbPsPiPs PïPµCfC-PsPrCf Cf C,PµCfP°PiPµPIC,PëC†PSPsPjCf PrC-P°PiP°P·PsPSC- (PµPÿP") PI C†PµPSC,CfC- (C†P°Cf PiC-PrC,CfPëPjP°PSPSCf C†C-P»CHbPsPIPsPiPs PrC-P°PiP°P·PsPSCr P·PSP°C†PµPSCb PµP¶P' 2,0b7f"3,0) PI C,PµCfC†PëP»CfC... PsPrPSP°PePsPIPsPiPs CfPsP·PjC-CfCf C- C†P°CfC,PsC,PsCf CfPµC†PëPrPëPIC-PI P'PÿP· (Cf=0,932 PrP»Cf PIP·P°C"PjPsPrC-C—). P' PjPµP¶P°C... PSP°PµPIPëC°PsPiPs C,PµCfC†PëP»Cf PIC-PrPïPsPIC-PrPSPs PrPs C†PµPSC,CfCf, CfPiC-PIPIC-PrPSPsCëPµPSPSCf CfPëP·PëPeC-PI Cf CfP°P·C- PïCfPëPµPsPjCf CfPëPIP°CfPsPeCfP°P±P°PSCr PI PïPsCfC-PIPSCfPSPSC- P· PIP°CfC,,P°CfPëPSPsPj CfC,P°PSPsPIPëP»Ps 0,69 (95% P"P†: 0,35b7f"1,35).

$P\check{S}P^{\circ}C\acute{I}C,PsC,P^{\circ}PIP\ddot{e}PSP\ddot{e}PePSP_{\mu}PSPSC\downarrow C\downarrow PIP\ddot{e}C\%_{\circ}PsC\acute{I}PSPsPIPSPsPiPsP\ddot{e}PsPeP^{\circ}P\cdot PSP\ddot{e}PeP^{\circ}$
 $P\pm P_{\mu}P\cdot PiP_{\mu}PeP\ddot{e}(PjP^{\circ}C\acute{I}P\ddot{e}PIPSC-P^{\circ}P\pm PsPeP\gg C-PSC-C\ddot{+}PSPsP\cdot PSP^{\circ}C\ddot{+}C\acute{r}C\%_{\circ}C-$
 $PSP_{\mu}PjP^{\circ}C\acute{I}P\ddot{e}PIPSC-PeC\check{H}PsPIPsC,P_{\mu}C\ddot{+}C-)C,P^{\circ}PIC,PsC\check{H}P\ddot{e}PSPSPsPiPsP\ddot{e}PsPeP^{\circ}P\cdot PSP\ddot{e}PeP^{\circ}$
 $P\pm P_{\mu}P\cdot PiP_{\mu}PeP\ddot{e}(PjP^{\circ}C\acute{I}P\ddot{e}PIPSC-PeC\check{H}PsPIPsC,P_{\mu}C\ddot{+}C-)P\pm C\acute{r}P\gg P^{\circ}PsPrPSP^{\circ}PePsPIPsC\check{H}PI$
 $PsP\pm PsC...C,P_{\mu}C\check{H}P^{\circ}PiP_{\mu}PIC,P\ddot{e}C\ddot{+}PSP\ddot{e}C...PiC\check{H}C\acute{r}PiP^{\circ}C....$

$P\check{Y}P^{\circ}P\pm P\gg P\ddot{e}C\downarrow C\downarrow 2.P_{\mu}PsPeP^{\circ}P\cdot PSP\ddot{e}PeP\ddot{e}P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSPsC\acute{I}C,C-C,P^{\circ}P\pm P_{\mu}P\cdot PiP_{\mu}PeP\ddot{e}P\cdot P^{\circ}$
 $PrP^{\circ}PSP\ddot{e}PjP\ddot{e}PrPsC\acute{I}P\gg C-PrP\downarrow P_{\mu}PSPSC\downarrow C,,P^{\circ}P\cdot P\ddot{e}P\downarrow P\downarrow P\downarrow Einstein DVT$

$P_{\mu}PsPiC\acute{r}P\gg C\downarrow C\downarrow C-C\downarrow$ $PrPsC\acute{I}P\gg C-PrP\downarrow P_{\mu}PSPSC\downarrow$	3449	$PiP^{\circ}C\downarrow C-C''PSC,C-PIP\cdot C\acute{I}P\ddot{e}PjPiC,PsPjPSP\ddot{e}PjPiPsC\acute{I}C,C\check{H}P\ddot{e}Pj$ $C,C\check{H}PsPjP\pm PsP\cdot PsPjPiP\gg P\ddot{e}P\pm PsPeP\ddot{e}C...PIP_{\mu}PS$
$P\check{Y}P_{\mu}C\check{H}P^{\circ}PiP_{\mu}PIC,P\ddot{e}C\ddot{+}PSC-$ $PrPsP\cdot P\ddot{e}C,P^{\circ}$ $C,C\check{H}P\ddot{e}PIP^{\circ}P\gg C-C\acute{I}C,C\check{H}$	$P\ddot{e}PIP^{\circ}C\check{H}PsPeC\acute{I}P^{\circ}P\pm P^{\circ}PS^{P\ddot{Y}}$ 3, 6 $P^{\circ}P\pm Ps12$ $PjC-C\acute{I}C\downarrow C\downarrow C-PI$ $N=1731$	$P\cdot PSPsPeC\acute{I}P^{\circ}PiP^{\circ}C\check{H}P\ddot{e}PS/P^{\circ}PSC,P^{\circ}PiPsPSC-C\acute{I}C,$ $PIC-C,P^{\circ}PjC-PSC\acute{r}P_{\mu}^{b)}$ 3, 6 $P^{\circ}P\pm Ps12PjC-C\acute{I}C\downarrow C\downarrow C-PI$ $N=1718$
$P\check{Y}P\ddot{e}PjPiC,PsPjPSP^{\circ}$ $C\check{H}P_{\mu}C\downarrow P\ddot{e}PrP\ddot{e}PIC\acute{r}C\check{H}C\ddot{+}P^{\circ}P\check{Y}P\cdot*$	36 (2,1%)	51 (3,0%)
$P\check{Y}P\ddot{e}PjPiC,PsPjPSP^{\circ}$ $C\check{H}P_{\mu}C\downarrow P\ddot{e}PrP\ddot{e}PIC\acute{r}C\check{H}C\ddot{+}P^{\circ}$ $P\check{Y}P\cdot P\cdot P_{\check{H}}$	20 (1,2%)	18 (1,0%)
$P\check{Y}P\ddot{e}PjPiC,PsPjPSP\ddot{e}PN_{\ddot{e}}$ $C\check{H}P_{\mu}C\downarrow P\ddot{e}PrP\ddot{e}PIC\acute{r}C\check{H}C\ddot{+}P\ddot{e}PN_{\ddot{e}}$ $P\check{Y}P\cdot P'$	14 (0,8%)	28 (1,6%)
$P\check{Y}P\ddot{e}PjPiC,PsPjPSC-P\check{Y}P\cdot P\cdot P_{\check{H}}C-$ $P\check{Y}P\cdot P'$	1 (0,1%)	0
$P\gg P_{\mu}C,P^{\circ}P\gg C\check{H}PSP^{\circ}$ $P\check{Y}P\cdot P\cdot P_{\check{H}}/C\acute{I}PjP_{\mu}C\check{H}C,P_{\mu}P\gg C\check{H}PSC-$ $PIP\ddot{e}PiP^{\circ}PrPeP\ddot{e},PePsP\gg P\ddot{e}$ $PSP^{\circ}C\downarrow PIPSC-C\acute{I}C,C\check{H}P\check{Y}P\cdot P\cdot P_{\check{H}}$ $PSP_{\mu}PjPsP\downarrow PSP^{\circ}$ $PIP\ddot{e}PeP\gg C\check{H}C\ddot{+}P\ddot{e}C,P\ddot{e}$	4 (0,2%)	6 (0,3%)
$P_{\check{H}}P^{\circ}C\acute{I}P\ddot{e}PIPSP^{\circ}P^{\circ}P\pm Ps$ $PeP\gg C-PSC-C\ddot{+}PSPs$ $P\cdot PSP^{\circ}C\ddot{+}C\acute{r}C\%_{\circ}P^{\circ}$ $PSP_{\mu}PjP^{\circ}C\acute{I}P\ddot{e}PIPSP^{\circ}$ $PeC\check{H}PsPIPsC,P_{\mu}C\ddot{+}P^{\circ}$	139 (8,1%)	138 (8,1%)
$P_{\check{H}}P^{\circ}C\acute{I}P\ddot{e}PIPSC-$ $PeC\check{H}PsPIPsC,P_{\mu}C\ddot{+}C-$	14 (0,8%)	20 (1,2%)

$P^{\circ})P\ddot{e}PIP^{\circ}C\check{H}PsPeC\acute{I}P^{\circ}P\pm P^{\circ}PS15PjPiPrPIC-C\ddot{+}C-PSP^{\circ}PrPsP\pm C\acute{r}PiC\check{H}PsC,C\downarrow PiPsPj3$
 $C,P\ddot{e}P\downarrow PSC-PIP\cdot PSP^{\circ}C\acute{I}C,C\acute{r}PiPSP\ddot{e}PjP\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow PjPrPsP\cdot P\ddot{e}20PjPiPsPrP\ddot{e}PS$
 $C\check{H}P^{\circ}P\cdot PSP^{\circ}PrPsP\pm C\acute{r}.$

$b)P\cdot PSPsPeC\acute{I}P^{\circ}PiP^{\circ}C\check{H}P\ddot{e}PSC\%_{\circ}PsPSP^{\circ}PN_{\ddot{e}}PjP_{\mu}PSC\epsilon P_{\mu}PiC\check{H}PsC,C\downarrow PiPsPj5PrPSC-PI,$
 $PiC-C\acute{I}P\gg C\downarrow C\downarrow C\check{H}PsPiPsB\check{H}''P^{\circ}PSC,P^{\circ}PiPsPSC-C\acute{I}C,PIC-C,P^{\circ}PjC-PSC\acute{r}P_{\mu},$
 $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow C\downarrow PePsPiPsPiPsC\ddot{+}P\ddot{e}PSP^{\circ}C''C,C\check{H}C\acute{I}C\downarrow PIPiP_{\mu}C\check{H}C-PsPr$
 $PiC\check{H}P\ddot{e}PN_{\ddot{e}}PsPjC\acute{r}P_{\mu}PSPsPeC\acute{I}P^{\circ}PiP^{\circ}C\check{H}P\ddot{e}PSC\acute{r}.$

$*C\check{H} < 0,0001(PSP_{\mu}PjP_{\mu}PSC\epsilon P^{\circ}P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSC-C\acute{I}C,C\check{H}P\cdot P^{\circ}PiPsPiP_{\mu}C\check{H}P_{\mu}PrPSCHPs$
 $PIP\ddot{e}P\cdot PSP^{\circ}C\ddot{+}P_{\mu}PSP\ddot{e}PjC\acute{I}PiC-PIPIC-PrPSPsC\epsilon P_{\mu}PSPSC\downarrow PjC\check{H}P\ddot{e}P\cdot P\ddot{e}PeC-PI2,0);$
 $C\acute{I}PiC-PIPIC-PrPSPsC\epsilon P_{\mu}PSPSC\downarrow C\check{H}P\ddot{e}P\cdot P\ddot{e}PeC-PI:0,680(0,443B\check{H}''1,042),C\check{H}=0,076$
 $(B\ll PiP_{\mu}C\check{H}P_{\mu}PIP_{\mu}C\check{H}C\epsilon C\acute{r}C''B)).$

PJ PrPsCfP»C-PrP¶PµPSPSC- Einstein PE (PrPēPI. C,P°P±P»PēC†Cf 3)
 C¶PēPIP°C¶PsPeCfP°P±P°PS PīC¶PsPrPµPjPsPSCfC,C¶CfPIP°PI PSPµ PjPµPSC€Cf
 PµC,,PµPeC,PēPIPSC-CfC,CH, PSC-P¶ PµPSPsPeCfP°PīP°C¶PēPS/P°PSC,P°PiPsPSC-CfC,
 PIC-C,P°PjC-PSCf P¶ P·P° PīPµC¶PIPēPSPSPēPj PīPsPeP°P·PSPēPePsPj
 PµC,,PµPeC,PēPIPSPsCfC,C-
 [C¶=0,0026 (PīPsPeP°P·PSPēPe B«PSPµ PīPsCfC,CfPīP°C”C,CHCfC¶B»);
 CfPīC-PIPIC-PrPSPsC€PµPSPSC¶ C¶PēP·PēPeC-PI: 1,123 (0,749B¶“1,684)].
 P¶PīC-PIPIC-PrPSPsC€PµPSPSC¶ C¶PēP·PēPeC-PI P·P° PīPsPīPµC¶PµPrPSC¶Ps
 P·P°PrP°PSPsC¶ C¶PēCfC,PsC¶ PeP»C-PSC-C¶PSPsC¶ PePsC¶PēCfC,C¶ (PīPµC¶PIPēPSPSPēPµ
 PīPsPeP°P·PSPēPe PµC,,PµPeC,PēPIPSPsCfC,C- PīP»C¶Cf PjP°CfPēPIPSC- PeC¶PsPIPSC,PµC†C-)
 CfC,P°PSPsPIPēP»Ps 0,849 [(95% P”P†: 0,633B¶“1,139), PSPsPjC-PSP°P»CHPSPµ
 P·PSP°C¶PµPSPSC¶ C¶=0,0275]. P—PSP°C¶PµPSPSC¶ P¶P¶P’ P·PSP°C...PsPrPēP»PēCfC¶ PI
 PjPµP¶P°C... C,PµC¶P°PīPµPIC,PēC¶PSPsPiPs PrC-P°PīP°P·PsPSCf PI CfPµC¶PµPrPSC¶PsPjCf
 63% C¶P°CfCf PīC¶Pē CfPµC¶PµPrPSC-Pµ C,C¶PēPIP°P»PsCfC,C- P»C-PeCfPIP°PSPSC¶ 215
 PrPSC-PI C,P° 57%, 62% C-
 65% C¶P°CfCf PI PīC¶CfPīP°C... C-P· P·P°PīP»P°PSPsPIP°PSPsC¶ C,C¶PēPIP°P»C-CfC,C¶
 P»C-PeCfPIP°PSPSC¶ 3, 6 C- 12 PjC-CfC¶C†C-PI PIC-PrPīPsPIC-PrPSPs. P’ PīC¶CfPīC-, C°Ps
 P»C-PeCfPIP°P»P°CfC¶ PµPSPsPeCfP°PīP°C¶PēPSPsPj/P°PSC,P°PiPsPSC-CfC,PsPj
 PIC-C,P°PjC-PSCf P¶, PSPµ PIC-PrPjC-C¶PµPSPs C†C-C,PePsC— P·P°P»PµP¶PSPsCfC,C- PjC-P¶
 C¶C-PIPSPµPj CfPµC¶PµPrPSC¶PsPiPs P¶P¶P’ PI C†PµPSC,C¶C- (C¶P°Cf
 PīC-PrC,C¶PēPjP°PSPSC¶ C†C-P»CHPsPiPsPiPs PrC-P°PīP°P·PsPSCf P·PSP°C¶PµPSC¶ P¶P¶P’
 2,0B¶“3,0) PI C,PµC¶C†PēP»C¶C... PsPrPSP°PePsPiPsPiPs C¶PsP·PjC-C¶Cf C- C¶P°CfC,PsC,PsC¶
 C¶PµC†PēPrPēPIC-PI P’P¶P· (C¶=0,082 PrP»C¶ PIP·P°C”PjPsPrC-C—). P’ PjPµP¶P°C...
 PSP°PµPIPēC°PsPiPs C,PµC¶C†PēP»C¶ PIC-PrPīPsPIC-PrPSPs PrPs C†PµPSC,C¶Cf,
 CfPīC-PIPIC-PrPSPsC€PµPSPSC¶ C¶PēP·PēPeC-PI Cf C¶P°P·C- PīC¶PēPµPsPjCf
 C¶PēPIP°C¶PsPeCfP°P±P°PSCf PI PīPsC¶C-PIPSC¶PSPSC- P· PIP°C¶C,,P°C¶PēPSPsPj
 CfC,P°PSPsPIPēP»Ps 0,642 (95% P”P†: 0,277B¶“1,484).

P¶P°CfC,PsC,P° PIPēPSPēPePSPµPSPSC¶ C¶PIPēC° PsCfPSPsPIPSPsPiPs PīPsPeP°P·PSPēPeP°
 P±PµP·PīPµPePē (PjP°CfPēPIPSC- P°P±Ps PeP»C-PSC-C¶PSPs P·PSP°C¶PēPjC-
 PSPµPjP°CfPēPIPSC- PeC¶PsPIPSC,PµC†C-) P±CfP»P° PrPµC°Ps PSPēP¶C¶PsC¶ PI PīC¶CfPīC-,
 C°Ps P»C-PeCfPIP°P»P°CfC¶ C¶PēPIP°C¶PsPeCfP°P±P°PSPsPj [10,3% (249/2412)], PSC-P¶ PI
 PīC¶CfPīC-, C°Ps PsC,C¶PēPjCfPIP°P»P° PµPSPsPeCfP°PīP°C¶PēPS/P°PSC,P°PiPsPSC-CfC,
 PIC-C,P°PjC-PSCf P¶ [11,4% (274/2405)]. P¶P°CfC,PsC,P° C¶PIPēC° PIC,PsC¶PēPSPSPsPiPs
 PīPsPeP°P·PSPēPeP° P±PµP·PīPµPePē (PjP°CfPēPIPSC- PeC¶PsPiPsC,PµC†C-) P±CfP»P°
 PSPēP¶C¶PsC¶ PI PīC¶CfPīC-, C°Ps P»C-PeCfPIP°P»P°CfC¶ C¶PēPIP°C¶PsPeCfP°P±P°PSPsPj
 [1,1% (26/2412)], PSC-P¶ PI PīC¶CfPīC- PµPSPsPeCfP°PīP°C¶PēPSCf/P°PSC,P°PiPsPSC-CfC,P°
 PIC-C,P°PjC-PSCf P¶ [2,2% (52/2405)] P·C- CfPīC-PIPIC-PrPSPsC€PµPSPSC¶Pj C¶PēP·PēPeC-PI
 0,493 (95% P”P†: 0,308B¶“0,789).

P¶P°P±P»PēC†C¶ 3. PµPsPeP°P·PSPēPePē PµC,,PµPeC,PēPIPSPsCfC,C- C,P° P±PµP·PīPµPePē P·P°
 PrP°PSPēPjPē PrPsCfP»C-PrP¶PµPSPSC¶ C,,P°P·Pē P†P†P† Einstein P P·

$P_{\mu}PsP\dot{C}fP \gg C\dot{I}C\dot{+}C-C\dot{I}$ $PrPsC\dot{I}fP \gg C-PrP\dot{I}P_{\mu}PSPSC\dot{I}$	4 832 $P\dot{i}P^{\circ}C\dot{+}C-C''PSC, P\ddot{e} P \cdot P\dot{i}PsC\dot{I}C, C\dot{H}PsC\dot{H} C\dot{I}fP\ddot{e}PjP\dot{i}C, PsPjPSPsC\dot{H} P\ddot{y}P \cdot P \gg P\dot{H}$	
$P\ddot{y}P_{\mu}C\dot{H}P^{\circ}P\dot{i}P_{\mu}PIC, P\ddot{e}C\dot{+}PSC-$ $PrPsP \cdot P\ddot{e} C, P^{\circ}$ $C, C\dot{H}P\ddot{e}PIP^{\circ}P \gg C-C\dot{I}C, C\dot{H}$	$P P\ddot{e}PIP^{\circ}C\dot{H}PsPeC\dot{I}fP^{\circ}P \pm P^{\circ}PS^{P^{\circ})}$ 3, 6 $P^{\circ}P \pm Ps$ 12 $PjC-C\dot{I}C\dot{I}C\dot{+}C-PI$ N=2 419	$P \cdot PSPsPeC\dot{I}fP^{\circ}P\dot{i}P^{\circ}C\dot{H}P\ddot{e}PS/P^{\circ}PSC, P^{\circ}P\dot{i}PsPSC-C\dot{I}C,$ $PIC-C, P^{\circ}PjC-PSC\dot{I} P\dot{H}^{b)}$ 3, 6 $P^{\circ}P \pm Ps$ 12 $PjC-C\dot{I}C\dot{I}C\dot{+}C-PI$ N=2 413
$P\ddot{y}P\ddot{e}PjP\dot{i}C, PsPjPSP^{\circ}$ $C\dot{H}P_{\mu}C\dot{+}P\ddot{e}PrP\ddot{e}PIC\dot{I}C\dot{H}C\dot{+}P^{\circ} P'P\ddot{y}P \cdot *$ (2,1%)	50 (2,1%)	44 (1,8%)

PŸPëPjPîC,PsPjPSP° CĤPµC†PëPrPëPIC†CĤC‡P° PŸP•P•Pĥ	23 (1,0%)	20 (0,8%)
PŸPëPjPîC,PsPjPSPëPNë CĤPµC†PëPrPëPIC†CĤC‡PëPNë PŸP“P’	18 (0,7%)	17 (0,7%)
PŸPëPjPîC,PsPjPSC- PŸP•P•Pĥ C- PŸP“P’	0	2 (<0,1%)
P•PµC,P°P»CĤPSP° PŸP•P•Pĥ/CĤPjPµCĤC,PµP»CĤPSC- PIPëPîP°PrPëPë, PëPsP»Pë PSP°CĤPIPSC-CĤC,CH PŸP•P•Pĥ PSPµ PjPsP¶PSP° PIPëPëP»CĤC‡PëC,Pë	11 (0,5%)	7 (0,3%)
PĥP°CĤPëPIPS° P°P±Ps PëP»C-PSC-C‡PSPs P•PSP°C‡C†C%oP° PSPµPjP°CĤPëPIPS° PëCĤPsPIPsC,PµC‡P°	249 (10,3%)	274 (11,4%)
PĥP°CĤPëPIPS- PëCĤPsPIPsC,PµC‡C-	26 (1,1%)	52 (2,2%)

Р°) Р РëPIP°CĤPsPëCĤP°P±P°PS 15 PjPi PrPIC-C‡C- PSP° PrPsP±C† PîCĤPsC,CĤPiPsPj 3 C,PëP¶PSC-PI P• PSP°CĤC,C†PîPSPëPj P•P°CĤC,PsCĤC†PIP°PSPSCĤPj PrPsP•Pë 20 PjPi PsPrPëPS CĤP°P• PSP° PrPsP±C†.

б) Р•PSPsPëCĤP°PîP°CĤPëPS C%oPsPSP°PNëPjPµPSCëPµ PîCĤPsC,CĤPiPsPj 5 PrPSC-PI, PîC-CĤP»CĤ C†CHPsPiPs вĤ“ P°PSC,P°PiPsPSC-CĤC, PIC-C,P°PjC-PSC† Pĥ, P•P°CĤC,PsCĤC†PIP°PSPSCĤ CĤPëPsPiPs PîPsC‡PëPSP°C”C,CHCĤCĤ PI PîPµCĤC-PsPr PîCĤPëPNëPsPjC† PµPSPsPëCĤP°PîP°CĤPëPSC†.

* CĤ < 0,0026 (PSPµ PjPµPSCëP° PµC,,PµPëC,PëPIPS-CĤC,CH P•P° PîPsPîPµCĤPµPrPSCĤPs PIPëP•PSP°C‡PµPSPëPj CĤPîC-PIPIC-PrPSPsCëPµPSPSCĤPj CĤPëP•PëPëC-PI 2,0); CĤPîC-PIPIC-PrPSPsCëPµPSPSCĤ CĤPëP•PëPëC-PI: 1,123 (0,749вĤ“1,684).

P’C†P»Ps PîCĤPsPIPµPrPµPSPs P•PIPµPrPµPSPëPNë P°PSP°P»C-P• CĤPµP•C†P»CHC,P°C,C-PI PrPsCĤP»C-PrP¶PµPSCĤ Einstein DVT C- P P• P•P° PîPsPîPµCĤPµPrPSCĤPs PIPëP•PSP°C‡PµPSPëPjPë PîP°CĤP°PjPµC,CĤP°PjPë (PrPëPI. C,P°P±P»PëC†CĤ 4).

PŸP°P±P»PëC†CĤ 4. PµPsPëP°P•PSPëPëPë PµC,,PµPëC,PëPIPS-CĤC,C- C,P° P±PµP•PîPµPëPë P•P° PrP°PSPëPjPë P•PIPµPrPµPSPsPiPs P°PSP°P»C-P•C† CĤPµP•C†P»CHC,P°C,C-PI PrPsCĤP»C-PrP¶PµPSCĤ C,,P°P•Pë P†P†P† Einstein DVT C,P° Einstein P P•

PµPsPîC†P»CĤC†C-CĤ PrPsCĤP»C-PrP¶PµPSPSCĤ	8 281 PîP°C†C-C”PSC, P• PîPsCĤC,CĤPëPj CĤPëPjPîC,PsPjPSPëPj PŸP“P’ P°P±Ps PŸP•P•Pĥ	
PŸPµCĤP°PîPµPIC,PëC‡PSC- PrPsP•Pë C,P° C,CĤPëPIP°P»C-CĤC,CH	P PëPIP°CĤPsPëCĤP°P±P°PS ^{Р°)} 3, 6 P°P±Ps 12 PjC-CĤCĤC†C-PI N=4 150	P•PSPsPëCĤP°PîP°CĤPëPS/P°PSC,P°PiPsPSC-CĤC, PIC-C,P°PjC-PSC† Pĥ ^{б)} 3, 6 P°P±Ps 12 PjC-CĤCĤC†C-PI N=4 131
PŸPëPjPîC,PsPjPSP° CĤPµC†PëPrPëPIC†CĤC‡P° P’PŸP•*	86 (2,1%)	95 (2,3%)
PŸPëPjPîC,PsPjPSP° CĤPµC†PëPrPëPIC†CĤC‡P° PŸP•P•Pĥ	43 (1,0%)	38 (0,9%)

PeC-PSC†PμPIPëC... C,PsC†PsPe, PIPeP»CĤC†P°CĤC†Pë CĤPμC†PëPrPëPIPë P'PŷP•, CĤPμCĤPNëPsP·PSC- PeCĤPsPIPsC,PμC†C- C,P° P»PμC,P°P»CĤPSC- PIPëPİP°PrPePë. P"P»CĤ PIPëPIC†PμPSPSCĤ P±PμP·PİPμPePë PrPsPIPiPsC,CĤPëPIP°P»PsPiPs P·P°CĤC,PsCĤC†PIP°PSPSCĤ CĤPëPIP°CĤPsPeCĤP°P±P°PSCr Cr PeP»C-PSC-C†PSC-PNë PİCĤP°PeC,PëC†C- Cr PİPsCĤC-PIPSCĤPSPSC- P· C,CĤP°PrPëC†C-PNëPSPsCĤ P°PSC,PëPePsP°PiC†P»CĤPSC,PSPsCĤ C,PμCĤP°PiC-C"Ĥ PI PrPsCĤP»C-PrP¶PμPSPSCĤ P±C†P»Ps PIPeP»CĤC†PμPSPs 5142 PİP°C†C-C"PSC,Pë P· PİPsCĤC,CĤPëPj PŷP"P'. PJ PİCĤC†PiC- CĤPëPIP°CĤPsPeCĤP°P±P°PSCr C†P°CĤC,PsC,P° CĤPμCĤPNëPsP·PSPëC... PeCĤPsPIPsC,PμC† CĤC,P°PSPsPIPëP»P° 0,7 %, CĤPμC†PëPrPëPICrCĤC†PsPiPs P'PŷP• бĤ" 1,4 %, P»PμC,P°P»CĤPSPëC... PSP°CĤP»C-PrPeC-PI P· C†CĤC-C... PİCĤPëC†PëPS бĤ" 0,5 %. PJ PIPëC...C-PrPSPëC... C...P°CĤP°PeC,PμCĤPëCĤC,PëPeP°C... PİP°C†C-C"PSC,C-PI P±C†P»Pë PIC-PrPjC-PSPSPsCĤC,C-, PIPeP»CĤC†P°CĤC†Pë PIC-Pe, PsPSPePsP»PsPiC-C†PSC- P·P°C...PIPsCĤCĤPIP°PSPSCĤ C,P° PSPëCĤPePsPICr PSPμPrPsCĤC,P°C,PSC-CĤC,CĤ. P"P»CĤ PePsCĤPëPiC†PIP°PSPSCĤ PIC-PrPjC-PSPSPsCĤC,PμPNë Cr PIPëC...C-PrPSPëC... C...P°CĤP°PeC,PμCĤPëCĤC,PëPeP°C... P±C†P»Ps P·P°CĤC,PsCĤPsPIP°PSPs PİPsPİPμCĤPμPrPSCĤPs P·P°PİP»P°PSPsPIP°PSPëPNë CĤC,CĤP°C,PëC,,C-PePsPIP°PSPëPNë P°PSP°P»C-P· P·P° PePsPμC,,C-C†C-C"PSC,PsPj CĤC...PëP»CĤPSPsCĤC,C-, P°P»Pμ, PSPμP·PIP°P¶P°CĤC†Pë PSP° C†Pμ, P·P°P»PëC€PePsPIPμ PIC-PrC...PëP»PμPSPSCĤ PjPsP¶Pμ PIPİP»PëPIP°C,Pë PSP° CĤPμP·C†P»CĤC,P°C,. PμCĤPë P·P°CĤC,PsCĤC†PIP°PSPSC- CĤPëPIP°CĤPsPeCĤP°P±P°PSCr PI PİPsCĤC-PIPSCĤPSPSC- C-P· C,CĤP°PrPëC†C-PNëPSPsCĤ C,PμCĤP°PiC-C"Ĥ CĤPePsCĤPëPiPsPIP°PSC- PIC-PrPSPsC€PμPSPSCĤ CĤPëP·PëPeC-PI CĤPμCĤPNëPsP·PSPëC... PeCĤPsPIPsC,PμC†, CĤPμC†PëPrPëPICrCĤC†PsPiPs P'PŷP• C,P° P»PμC,P°P»CĤPSPëC...PSP°CĤP»C-PrPeC-PI P· C†CĤC-C... PİCĤPëC†PëPS CĤC,P°PSPsPIP»CĤC,CĤ PIC-PrPİPsPIC-PrPSPs 0,77 (95% P"P† 0,40-1.50), 0,91 (95% P"P† 0,54бĤ"1,54) C,P° 0,51 (95 % P"P† 0,24бĤ"1,07). PİC- CĤPμP·C†P»CĤC,P°C,Pë Cr PeP»C-PSC-C†PSC-PNë PİCĤP°PeC,PëC†C- PIC-PrPİPsPIC-PrP°CĤC,CĤ PICĤC,P°PSPsPIP»PμPSPsPjCr PİCĤPsC,,C-P»CĤ P±PμP·PİPμPePë PrP»CĤ PrP°PSPsPiPs PİPsPeP°P·P°PSPSCĤ.

PJ PİC-CĤP»CĤCĤPμC"ĤC,CĤP°C†C-PNëPSPsPjCr PSPμC-PSC,PμCĤPIPμPSC†C-PNëPSPsPjCr PrPsCĤP»C-PrP¶PμPSPSC- P·P° C†C†P°CĤC,CĤ PİPsPSP°Pr 162000 PİP°C†C-C"PSC,C-PI C-P· PSPμPeP»P°PİP°PSPSPsCĤ C,,C-P±CĤPëP»CĤC†C-C"Ĥ PİPμCĤPμPrCĤPμCĤPrCĤ C-P· C†PsC,PëCĤCĤPsC... PeCĤP°C—PS CĤPëPIP°CĤPsPeCĤP°P±P°PS PİCĤPëP·PSP°C†P°P»Pë PrP»CĤ PİCĤPsC,,C-P»P°PeC,PëPePë C-PSCĤC†P»CĤC,C† C,P° CĤPëCĤC,PμPjPSPsC— PμPjP±PsP»C-C—. PŞP°CĤC,PsC,P° PIPëPİP°PrPeC-PI C-C€PμPjC-C†PSPsPiPs C-PSCĤC†P»CĤC,C† CĤC,P°PSPsPIPëP»P° 0,70 (95 % P"P† 0,44бĤ"1,13) PSP° 100 PİP°C†C-C"PSC,Ps-CĤPsPeC-PI. PŞP°CĤC,PsC,P° PeCĤPsPIPsC,PμC†, CĤPeC- PİCĤPëP·PIPμP»Pë PrPs PİPsCĤPİC-C,P°P»C-P·P°C†C-C—: 0,43 (95 % P"P† 0,31бĤ"0,59) PİPsPrC-C— PSP° 100 PİP°C†C-C"PSC,Ps-CĤPsPeC-PI бĤ" PIPSCrC,CĤC-C€PSCĤPsC†PμCĤPμPİPSC- PeCĤPsPIPsC,PμC†C-, 1,04 (95 % P"P† 0,65бĤ"1,66) бĤ" C€P»C†PSPePsPIPs-PePëC€PePsPIC- PeCĤPsPIPsC,PμC†C-, 0,41 (95 % P"P† 0,31бĤ"0,53) бĤ" CrCĤPsPiPμPSC-C,P°P»CĤPSC- PeCĤPsPIPsC,PμC†C- C,P° 0,40 (95 % P"P† 0,25бĤ"0,65) бĤ" C-PSC€C- PeCĤPsPIPsC,PμC†C-.

PμP°C†C-C"PSC,Pë P· PİPsP·PëC,PëPIPSPëPjPë CĤPμP·C†P»CĤC,P°C,P°PjPë C,PμCĤC,C† PrP»CĤ C,CĤCĤPsC... P°PSC,PëC,,PsCĤC,,PsP»C-PİC-PrPSPëC... P°PSC,PëC,C-P»

P PëPIP°CĤPsPeCĤP°P±P°PS P±C†P»Ps PİPsCĤC-PIPSCĤPSPs C-P· PIP°CĤC,,P°CĤPëPSPsPj Cr PİP°C†C-C"PSC,C-PI P· C,CĤPsPjP±PsP·PsPj PI P°PSP°PjPSPμP·C- P· PrC-P°PiPSPsCĤC,PsPIP°PSPëPj P°PSC,PëC,,PsCĤC,,PsP»C-PİC-PrPSPëPj CĤPëPSPrCĤPsPjPsPj (PĤPαPŷ) P· PIPëCĤPsPePëPj CĤPëP·PëPePsPj C,CĤPsPjP±PsPμPjP±PsP»C-C†PSPëC... CĤPIPëC%o (PİPsP·PëC,PëPIPSC- CĤPμP·C†P»CĤC,P°C,Pë PrP»CĤ PICĤC-C... C,CĤCĤPsC... P°PSC,PëC,,PsCĤC,,PsP»C-PİC-PrPSPëC... P°PSC,PëC,C-P»: PIPsPIC†P°PePsPIPëPNë

$P^{\circ}PSC, P\ddot{e}PePsP^{\circ}PiC\acute{r}P \gg C\ddot{U}PSC,, P^{\circ}PSC, P\ddot{e}PeP^{\circ}C\grave{H}PrC-PsP \gg C-P\ddot{I}C-PSPsPIC- P^{\circ}PSC, P\ddot{e}C, C-P \gg P^{\circ},$
 $P^{\circ}PSC, P\ddot{e}-P \pm P_{\mu}C, P^{\circ}-2-PiP \gg C-PePsPiC\grave{H}PsC, P_{\mu}C-PS \text{ I } P^{\circ}PSC, P\ddot{e}C, C-P \gg P^{\circ})$ $C\acute{r}$
 $C\grave{H}P^{\circ}PSPrPsPjC-P \cdot PsPIP^{\circ}PSPsPjC\acute{r} PIC-PrPeC\grave{H}P\ddot{e}C, PsPjC\acute{r} PjC\acute{r}P \gg CHC, P\ddot{e}C \dagger P_{\mu}PSC, C\grave{H}PsPIPsPjC\acute{r}$
 $C\acute{I}PiPsPSC\acute{I}PsC\grave{H}PsPIP^{\circ}PSPsPjC\acute{r} PrPsC\acute{I}P \gg C-PrPSP\ddot{e}PeP^{\circ}PjP\ddot{e} PeP \gg C-PSC-C \dagger PSPsPjC\acute{r}$
 $PIP\ddot{e}PiC\grave{H}PsP \pm C\acute{r}PIP^{\circ}PSPSC- C-P \cdot B \ll P \cdot P^{\circ}C\acute{I}P \gg C-PiP \gg P_{\mu}PSPsC\grave{H}B \gg PsC \dagger C-PSPePsC\grave{H}$
 $PeC-PSC \dagger P_{\mu}PIPsC- C, PsC \dagger PeP\ddot{e}. P''PsC\acute{I}P \gg C-PrP \P P_{\mu}PSPSC\ddot{U} P \pm C\acute{r}P \gg Ps PiC\grave{H}P\ddot{e}PiP\ddot{e}PSP_{\mu}PSPs$
 $PrPsC\acute{I}C, C\grave{H}PsPePsPIPs PiC-C\acute{I}P \gg C\ddot{U} PIPeP \gg C\grave{H}C \dagger P_{\mu}PSPSC\ddot{U} 120 PiP^{\circ}C \dagger C-C''PSC, C-PI$
 $PIPS^{\circ}C\acute{I}P \gg C-PrPsPe P \cdot C\grave{H}PsC\acute{I}C, P^{\circ}PSPSC\ddot{U} C \dagger P^{\circ}C\acute{I}C, PsC, P\ddot{e}$
 $C, C\grave{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C \dagger PSP\ddot{e}C... C\ddot{U}PIP\ddot{e}C\% C\acute{r} PiP^{\circ}C \dagger C-C''PSC, C-PI, C\ddot{U}PeC-$
 $PiC\grave{H}P\ddot{e}PN_{\ddot{e}}PjP^{\circ}P \gg P\ddot{e} C\grave{H}P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PS. P\ddot{Y}P_{\mu}C\grave{H}P_{\mu}PrPSC-PN_{\ddot{e}} PiP_{\mu}C\grave{H}C-PsPr$
 $C\acute{I}PiPsC\acute{I}C, P_{\mu}C\grave{H}P_{\mu}P \P P_{\mu}PSPSC\ddot{U} C\acute{I}C, P^{\circ}PSPsPIP\ddot{e}PI 569 PrPSC-PI, 59 PiP^{\circ}C \dagger C-C''PSC, C-PI$
 $P \pm C\acute{r}P \gg Ps C\grave{H}P^{\circ}PSPrPsPjC-P \cdot PsPIP^{\circ}PSPs PI PiC\grave{H}C\acute{r}PiC\acute{r} P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U}$
 $C\grave{H}P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PSC\acute{r} PI PrPsP \cdot C- 20 PjPi (15 PjPi PrP \gg C\ddot{U} PiP^{\circ}C \dagger C-C''PSC, C-PI P \cdot$
 $PeP \gg C-C\grave{H}P_{\mu}PSC\acute{I}PsPj PeC\grave{H}P_{\mu}P^{\circ}C, P\ddot{e}PSC-PSC\acute{r} < 50 PjP \gg /C...PI) C- 61 B\grave{H}'' PIP^{\circ}C\grave{H}C,, P^{\circ}C\grave{H}P\ddot{e}PSC\acute{r}$
 $(P_{\text{H}}P_{\text{K}}P' 2,0B\grave{H}''3,0). P\ddot{Y}C\grave{H}PsPjP \pm PsC, P\ddot{e}C \dagger PSC- C\ddot{U}PIP\ddot{e}C\%P^{\circ} P \pm C\acute{r}P \gg P\ddot{e} C\acute{r} 12 \%$
 $PiP^{\circ}C \dagger C-C''PSC, C-PI, C\grave{H}P^{\circ}PSPrPsPjC-P \cdot PsPIP^{\circ}PSP\ddot{e}C... PI PiC\grave{H}C\acute{r}PiC\acute{r}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U} C\grave{H}P\ddot{e}PIPsC\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PSC\acute{r} (4 C-C\epsilon P_{\mu}PjC-C \dagger PSP\ddot{e}C...)$
 $C-PSC\acute{I}C\acute{r}P \gg CHC, P\ddot{e} C, P^{\circ} 3 C-PSC,, P^{\circ}C\grave{H}PeC, P\ddot{e} PjC-PsPeP^{\circ}C\grave{H}PrP^{\circ}). P_{\text{K}}P_{\mu} P \pm C\acute{r}P \gg Ps$
 $P \cdot P^{\circ}C\grave{H}P_{\mu}C''C\acute{I}C, C\grave{H}PsPIP^{\circ}PSPs C, C\grave{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C \dagger PSP\ddot{e}C... C\ddot{U}PIP\ddot{e}C\% C\acute{r}$
 $PiP^{\circ}C \dagger C-C''PSC, C-PI, C\grave{H}P^{\circ}PSPrPsPjC-P \cdot PsPIP^{\circ}PSP\ddot{e}C... PI PiC\grave{H}C\acute{r}PiC\acute{r}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U} PIP^{\circ}C\grave{H}C,, P^{\circ}C\grave{H}P\ddot{e}PSC\acute{r}. P'P_{\mu}P \gg P\ddot{e}PeC- PeC\grave{H}PsPIPsC, P_{\mu}C \dagger C-$
 $C\acute{I}PiPsC\acute{I}C, P_{\mu}C\grave{H}C-PiP^{\circ}P \gg P\ddot{e}C\acute{I}C\ddot{U} C\acute{r} 4 PiP^{\circ}C \dagger C-C''PSC, C-PI (7 \%) PiC\grave{H}C\acute{r}PiP\ddot{e}$
 $C\grave{H}P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PSC\acute{r} C, P^{\circ} 2 PiP^{\circ}C \dagger C-C''PSC, C-PI (3 \%) PiC\grave{H}C\acute{r}PiP\ddot{e}$
 $PIP^{\circ}C\grave{H}C,, P^{\circ}C\grave{H}P\ddot{e}PSC\acute{r}.$

$P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U} PrC-C, C\ddot{U}Pj$

$P,, PIC\grave{H}PsPiP_{\mu}PN_{\ddot{e}}C\acute{I}CHPeP^{\circ} PjP_{\mu}PrP\ddot{e}C \dagger PSP^{\circ} P^{\circ}PiP_{\mu}PSC \dagger C-C\ddot{U} PIC-PrPjPsPIP\ddot{e}P \gg P^{\circ}C\acute{I}CH PIC-Pr$
 $PiC\grave{H}P^{\circ}PIP^{\circ} PIP\ddot{e}PjP^{\circ}PiP^{\circ}C, P\ddot{e} PIP\ddot{e}PePsPSP^{\circ}PSPSC\ddot{U} P \cdot PsP \pm PsPiB\grave{H}^{\text{TM}} C\ddot{U}P \cdot P^{\circ}PSPSC\ddot{U}$
 $C\acute{I}C, PsC\acute{I}PsPIPsPs PiPsPrP^{\circ}PSPSC\ddot{U} C\grave{H}P_{\mu}P \cdot C\acute{r}P \gg CHC, P^{\circ}C, C-PI PrPsC\acute{I}P \gg C-PrP \P P_{\mu}PSC\grave{H} C-P \cdot$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U} P_{\text{L}}C\acute{I}P^{\circ}C\grave{H}P_{\mu}P \gg C, PsB^{\circ} PI C\acute{r}C\acute{I}C-C... PiC-PrPiC\grave{H}C\acute{r}PiP^{\circ}C...$
 $PiC\grave{H}P_{\mu}PrC\acute{I}C, P^{\circ}PIPSP\ddot{e}PeC-PI PrP\ddot{e}C, C\ddot{U}C \dagger PsC- PiPsPiC\acute{r}P \gg C\ddot{U}C \dagger C-C- PrP \gg C\ddot{U}$
 $P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{U} C, C\grave{H}PsPjP \pm PsP_{\mu}PjP \pm PsP \gg C-C \dagger PSP\ddot{e}C... C\acute{I}C, P^{\circ}PSC-PI. P''P \gg C\ddot{U}$
 $PsP \cdot PSP^{\circ}PN_{\ddot{e}}PsPjP \gg P_{\mu}PSPSC\ddot{U} P \cdot C-PSC,, PsC\grave{H}PjP^{\circ}C \dagger C-C''C\grave{H} PiC\grave{H}Ps PIP\ddot{e}PePsC\grave{H}P\ddot{e}C\acute{I}C, P^{\circ}PSPSC\ddot{U}$
 $P \gg C-PeP^{\circ}C\grave{H}C\acute{I}CHPePsPiPs P \cdot P^{\circ}C\acute{I}PsP \pm C\acute{r} C\acute{r} PrC-C, P_{\mu}PN_{\ddot{e}} PrP\ddot{e}PIP\ddot{e}C\acute{I}CH C\grave{H}PsP \cdot PrC-P \gg$
 $B \ll P''C-C, P\ddot{e}B \gg.$

$P \propto P^{\circ}C\grave{H}PjP^{\circ}PePsPeC-PSP_{\mu}C, P\ddot{e}PeP^{\circ}.$

$P'C\acute{I}PjPsPeC, C\acute{r}PIP^{\circ}PSPSC\ddot{U}$

$P P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PS C\epsilon PIP\ddot{e}PrPePs PIC\acute{I}PjPsPeC, C\acute{r}C''C, CHC\acute{I}C\ddot{U};$
 $PjP^{\circ}PeC\acute{I}P\ddot{e}PjP^{\circ}P \gg CHBPSC- PePsPSC \dagger P_{\mu}PSC, C\grave{H}P^{\circ}C \dagger C-C- (P\ddot{Y}_{\text{max}}) PrPsC\acute{I}C\ddot{U}PiP^{\circ}C\grave{H}C, CHC\acute{I}C\ddot{U}$
 $C \dagger P_{\mu}C\grave{H}P_{\mu}P \cdot 2B\grave{H}''4 PiPsPrP\ddot{e}PSP\ddot{e} PiC-C\acute{I}P \gg C\ddot{U} PiC\grave{H}P\ddot{e}PN_{\ddot{e}}PsPjC\acute{r} C, P^{\circ}P \pm P \gg P_{\mu}C, PeP\ddot{e}.$

$P_{\mu}C\grave{H}P\ddot{e} PiP_{\mu}C\grave{H}PsC\grave{H}P^{\circ}P \gg CHBPSPsPjC\acute{r} P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC- C\grave{H}P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PS$
 $PjP^{\circ}PN_{\ddot{e}}P \P P_{\mu} PiPsPIPsC-C\acute{I}C, C\grave{H} PIC\acute{I}PjPsPeC, C\acute{r}C''C, CHC\acute{I}C\ddot{U}, C- PN_{\ddot{e}}PsPiPs$
 $P \pm C-PsPrPsC\acute{I}C, C\acute{r}PiPsC-C\acute{I}C, CH PiC-C\acute{I}P \gg C\ddot{U} PiP_{\mu}C\grave{H}PsC\grave{H}P^{\circ}P \gg CHBPSPsPiPs$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U} PrPsP \cdot P\ddot{e} 2,5 PjPi C, P^{\circ} 10 PjPi C'' PIP\ddot{e}C\acute{I}PsPePsC\grave{H} (80B\grave{H}''100 \%)$
 $PSP_{\mu}P \cdot P^{\circ}P \gg P_{\mu}P \P PSPs PIC-Pr PiC\grave{H}P\ddot{e}PN_{\ddot{e}}PsPjC\acute{r} C-P \P C-. P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{U}$
 $C, P^{\circ}P \pm P \gg P_{\mu}C, PeP\ddot{e} C\grave{H}P\ddot{e}PIP^{\circ}C\grave{H}PsPeC\acute{I}P^{\circ}P \pm P^{\circ}PSC\acute{r} 2,5 PjPi C, P^{\circ} 10 PjPi PiC-Pr C \dagger P^{\circ}C\acute{I}$
 $PIP \P P\ddot{e}PIP^{\circ}PSPSC\ddot{U} C-P \P C- PSP_{\mu} PIPiP \gg P\ddot{e}PIP^{\circ}C'' PSP^{\circ} AUC (PiP \gg PsC\%P^{\circ} PiC-Pr PeC\grave{H}P\ddot{e}PIPsC\grave{H}$

$P \cdot P^{\circ} P \gg P_{\mu} P \parallel P S P s C f C, C - P e P s P S C \uparrow P_{\mu} P S C, C \bar{H} P^{\circ} C \uparrow C - C \bar{C} \bar{H} " C \uparrow P^{\circ} C f) C, P^{\circ} C_{\max}$
C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr. P $\bar{L}$ CfP $^{\circ}$ C $\bar{H}$ P μ P $\gg$ C, PsB $\otimes$, C, P $^{\circ}$ P $\pm$ P $\gg$ P μ C, PeP $\bar{e}$ 2,5 PjPi C, P $^{\circ}$ 10 PjPi
PjPsP $\parallel$ PSP $^{\circ}$ P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\bar{N}_{\bar{e}}$ PjP $^{\circ}$ C, P $\bar{e}$ PSP μ P $^{\circ}$ P $\gg$ P μ P $\parallel$ PSPs PIC-Pr PIP $\parallel$ P $\bar{e}$ PIP $^{\circ}$ PSPSC $\bar{C}$ C—P $\parallel$ C- (PrP $\bar{e}$ PI.
C $\bar{H}$ PsP $\cdot$ PrC-P $\gg$ B $\llcorner$ P $\bar{Y}$ P $\bar{i}$ PsCfC-P $\pm$ P $^{\circ}$ CfC, PsCfCfPIP $^{\circ}$ PSPSC $\bar{C}$ C, P $^{\circ}$ PrPsP $\cdot$ P $\bar{e}$ B $\gg$).

P P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PS C...P $^{\circ}$ C $\bar{H}$ P $^{\circ}$ PeC, P μ C $\bar{H}$ P $\bar{e}$ P $\cdot$ CfC $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$ PjP $^{\circ}$ P $\bar{N}_{\bar{e}}$ P $\parallel$ P μ
P $\gg$ C-PSC-P $\bar{N}_{\bar{e}}$ PSPsC $\bar{H}$ C,, P $^{\circ}$ C $\bar{H}$ PjP $^{\circ}$ PePsPeC-PSP μ C, P $\bar{e}$ PePsC $\bar{H}$ PrPs PrPsP $\cdot$ P $\bar{e}$ P $\pm$ P $\gg$ P $\bar{e}$ P $\cdot$ C $\bar{H}$ PePs 15
PjPi (PsPrP $\bar{e}$ PS C $\bar{H}$ P $^{\circ}$ P $\cdot$ PSP $^{\circ}$ PrPsP $\pm$ Cf). Pj PIP $\bar{e}$ PiP $^{\circ}$ PrPeCf P $\cdot$ P $^{\circ}$ CfC, PsCfCfPIP $^{\circ}$ PSPSC $\bar{C}$
PIP $\bar{e}$ C $\%P\bar{e}$ C... PrPsP $\cdot$ P $^{\circ}$ P $\pm$ CfPsC $\bar{H}$ P $\pm$ C $\uparrow$ C-C $\bar{C}$ C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr
PsP $\pm$ PjP μ P $\parallel$ CfC $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$ PiP $^{\circ}$ C $\bar{H}$ P $^{\circ}$ PjP μ C, C $\bar{H}$ P $^{\circ}$ PjP $\bar{e}$ C $\bar{H}$ PsP $\cdot$ C $\uparrow$ P $\bar{e}$ PSPSPsCfC, C-, P $\bar{i}$ C $\bar{H}$ P $\bar{e}$
C $\uparrow$ C $\bar{H}$ PsPjCf PSP $^{\circ}$ C,, PsPSC- PIP $\bar{e}$ C $\%P\bar{e}$ C... PrPsP $\cdot$ PIC-PrPjC-C $\uparrow$ P $^{\circ}$ C $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$
P $\cdot$ PSP $\bar{e}$ P $\parallel$ P μ PSPSC $\bar{C}$ P $\pm$ C-PsPrPsCfC, CfPiPSPsCfC, C- C, P $^{\circ}$ C $\bar{e}$ PIP $\bar{e}$ PrPePsCfC, C-
PICfPjPsPeC, CfPIP $^{\circ}$ PSPSC $\bar{C}$. PjP μ C $\bar{C}$ PIP $\bar{e}$ C $\%P\bar{e}$ C $^{\circ}$ P $\pm$ C-P $\gg$ C $\bar{H}$ C $\bar{e}$ PIP $\bar{e}$ C $\bar{H}$ P $^{\circ}$ P $\parallel$ P μ PSP $\bar{e}$ Pj P $\bar{i}$ C $\bar{H}$ P $\bar{e}$
P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\bar{N}_{\bar{e}}$ PsPjC- P $\gg$ C-PeP $^{\circ}$ C $\bar{H}$ CfC $\bar{H}$ PePsPiPs P $\cdot$ P $^{\circ}$ CfPsP $\pm$ Cf PSP $^{\circ}$ C, C $\%P\bar{e}$ CfP μ C $\bar{H}$ C $\uparrow$ P μ , PSC-P $\parallel$
P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ PIP $\bar{e}$ PePsC $\bar{H}$ P $\bar{e}$ CfC, P $^{\circ}$ PSPSC- P $\bar{i}$ C-CfP $\gg$ C $\bar{C}$ C—P $\parallel$ C-. P α P $^{\circ}$ C $\bar{H}$ PjP $^{\circ}$ PePsPeC-PSP μ C, P $\bar{e}$ PeP $^{\circ}$
C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr C...P $^{\circ}$ C $\bar{H}$ P $^{\circ}$ PeC, P μ C $\bar{H}$ P $\bar{e}$ P $\cdot$ CfC $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$ PiPsPjC-C $\bar{H}$ PSPsC $\bar{H}$
PjC-PSP $\gg$ P $\bar{e}$ PIC-CfC, C $\bar{H}$; C-PSP $\bar{e}$ P $\bar{e}$ PIC-PrCfP $\gg$ C $\bar{H}$ PSP $^{\circ}$ PjC-PSP $\gg$ P $\bar{e}$ PIC-CfC, C $\bar{H}$
(PIP $^{\circ}$ C $\bar{H}$ C-P $^{\circ}$ C $\uparrow$ C-P $\bar{N}_{\bar{e}}$ PSP $\bar{e}$ P $\bar{N}_{\bar{e}}$ PePsP μ C,, C-C $\uparrow$ C-C $^{\circ}$ PSC,) CfC, P $^{\circ}$ PSPsPIP $\bar{e}$ C, C $\bar{H}$ PIC-Pr 30 % PrPs 40
, P $\cdot$ P $^{\circ}$ PIP $\bar{e}$ PSC $\bar{C}$ C, PePsPj PrPSC $\bar{C}$ P $\bar{i}$ C $\bar{H}$ PsPIP μ PrP μ PSPSC $\bar{C}$ PsPiP μ C $\bar{H}$ P $^{\circ}$ C, P $\bar{e}$ PIPSsPiPs
PIC, C $\bar{H}$ CfC $\uparrow$ P $^{\circ}$ PSPSC $\bar{C}$ C, P $^{\circ}$ PSP $^{\circ}$ CfC, CfPiPSPsPiPs PrPSC $\bar{C}$, PePsP $\gg$ P $\bar{e}$ PjC-PSP $\gg$ P $\bar{e}$ PIC-CfC, C $\bar{H}$
P μ PeCfPiPsP $\cdot$ P $\bar{e}$ C $\uparrow$ C-C— C $^{\circ}$ PIP $\bar{e}$ CfPsPePsC $\bar{H}$ (70%).

P $^{\circ}$ CfPjPsPeC, CfPIP $^{\circ}$ PSPSC $\bar{C}$ C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr P $\cdot$ P $^{\circ}$ P $\gg$ P μ P $\parallel$ P $\bar{e}$ C, C $\bar{H}$ PIC-Pr
PjC-CfC $\uparrow$ C $\bar{C}$ PIP $\bar{e}$ PIC-P $\gg$ C $\bar{H}$ PSP μ PSPSC $\bar{C}$ P $\gg$ C-PeP $^{\circ}$ C $\bar{H}$ CfC $\bar{H}$ PePsPiPs P $\cdot$ P $^{\circ}$ CfPsP $\pm$ Cf PI
C $\bar{e}$ P $\gg$ CfPSPePsPIPs-PeP $\bar{e}$ C $\bar{e}$ PePsPIPsPjCf C, C $\bar{H}$ P $^{\circ}$ PeC, C-. P $^{\circ}$ C-PrP $\cdot$ PSP $^{\circ}$ C $\uparrow$ P $^{\circ}$ C $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$ 29 % C-
56 % P $\cdot$ PSP $\bar{e}$ P $\parallel$ P μ PSPSC $\bar{C}$ AUC C- C $_{\max}$ P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\cdot$ P $^{\circ}$ CfC, PsCfCfPIP $^{\circ}$ PSPSC- P $\bar{i}$ C $\bar{H}$ P $^{\circ}$ PSCrP $\gg$ C $\bar{C}$ C, P $^{\circ}$
C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr, P $\cdot$ PIP $\bar{e}$ PIC-P $\gg$ C $\bar{H}$ PSP μ PSPSC $\bar{C}$ Pj PrC-C $\bar{H}$ C $\uparrow$ PsC—
C $\bar{H}$ P μ C $\uparrow$ PsPIP $\bar{e}$ PSP $\bar{e}$ PI P $\bar{i}$ C $\bar{H}$ PsPeCfP $\bar{e}$ PjP $^{\circ}$ P $\gg$ C $\bar{H}$ PSPsPjCf PIC-PrPrC-P $\gg$ C- C, PsPSPePsPiPs
PeP $\bar{e}$ C $\bar{e}$ PeC-PIPSP $\bar{e}$ PeP $^{\circ}$, Cf PiPsC $\bar{H}$ C-PIPSC $\bar{C}$ IPSPSC- P $\cdot$ C, P $^{\circ}$ P $\pm$ P $\gg$ P μ C, PsPIP $^{\circ}$ PSPsC $\bar{H}$
C,, PsC $\bar{H}$ PjPsC $\bar{H}$. P $\cdot$ PeCfPiPsP $\cdot$ P $\bar{e}$ C $\uparrow$ C-C $\bar{C}$ P $\cdot$ PjP μ PSC $\bar{e}$ CfC $^{\circ}$ C, C $\bar{H}$ CfC $\bar{C}$ C $\%P\bar{e}$ C P $\pm$ C-P $\gg$ C $\bar{H}$ C $\bar{e}$ P μ
P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ PIP $\bar{e}$ PIC-P $\gg$ C $\bar{H}$ PSP μ PSPSC- PrC-C $\bar{H}$ C $\uparrow$ PsC— C $\bar{H}$ P μ C $\uparrow$ PsPIP $\bar{e}$ PSP $\bar{e}$ PI
PrP $\bar{e}$ CfC, P $^{\circ}$ P $\gg$ C $\bar{H}$ PSPsPjCf PIC-PrPrC-P $\gg$ C- C, PsPSPePsPiPs PeP $\bar{e}$ C $\bar{e}$ PeC-PIPSP $\bar{e}$ PeP $^{\circ}$ C $\uparrow$ P $\bar{e}$
PIP $\bar{e}$ CfC...C-PrPSC-P $\bar{N}_{\bar{e}}$ C $\uparrow$ P $^{\circ}$ CfC, P $\bar{e}$ PSC- PsP $\pm$ PsPrPsPIPsC— PeP $\bar{e}$ C $\bar{e}$ PeP $\bar{e}$. P $\bar{k}$ P μ PsP $\pm$ C...C-PrPSPs
CfPSP $\bar{e}$ PeP $^{\circ}$ C, P $\bar{e}$ PIP μ PrP μ PSPSC $\bar{C}$ C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr
PrP $\bar{e}$ CfC, P $^{\circ}$ P $\gg$ C $\bar{H}$ PSC-C $\bar{e}$ P μ C $\bar{e}$ P $\gg$ CfPSPeP $^{\circ}$, PsCfPeC-P $\gg$ C $\bar{H}$ PeP $\bar{e}$ C $\uparrow$ P μ PjPsP $\parallel$ P μ
P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\cdot$ PIP μ CfC, P $\bar{e}$ PrPs P $\cdot$ PSP $\bar{e}$ P $\parallel$ P μ PSPSC $\bar{C}$ PICfPjPsPeC, CfPIP $^{\circ}$ PSPSC $\bar{C}$ C, P $^{\circ}$
PIC-PrPiPsPIC-PrPSPsPiPs PIPiP $\gg$ P $\bar{e}$ PICr PSP $^{\circ}$ P μ PeCfPiPsP $\cdot$ P $\bar{e}$ C $\uparrow$ C-C $\bar{H}$.

P $^{\circ}$ C-PsPrPsCfC, CfPiPSC-CfC, C $\bar{H}$ (AUC C- C $_{\max}$) P $\pm$ CfP $\gg$ P $^{\circ}$ CfPiC-PICfC, P $^{\circ}$ PIPSsC $\bar{H}$ PrP $\gg$ C $\bar{C}$
C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr 20 PjPi P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\cdot$ PSP $^{\circ}$ C $\uparrow$ P μ PSPsPiPs PiP μ C $\bar{H}$ PsC $\bar{H}$ P $^{\circ}$ P $\gg$ C $\bar{H}$ PSPs Cf
PIP $\bar{e}$ PiP $\gg$ C $\bar{C}$ PrC- PiPsPrC $\bar{H}$ C-P $\pm$ PSP μ PSPsC— C, P $^{\circ}$ P $\pm$ P $\gg$ P μ C, PeP $\bar{e}$ P $\cdot$ PjC-C $\bar{e}$ P $^{\circ}$ PSPsC— P $\cdot$
C $\bar{C}$ P $\pm$ P $\gg$ CfC $\uparrow$ PSP $\bar{e}$ Pj P $\bar{i}$ C $\bar{H}$ C $\bar{H}$ P μ C $\uparrow$ P $\bar{e}$ PIPsPrPsC $\bar{H}$, PIP μ PrP μ PSPsPiPs C $\uparrow$ P μ C $\bar{H}$ P μ P $\cdot$
C $\bar{e}$ P $\gg$ CfPSPePsPIP $\bar{e}$ P $\bar{N}_{\bar{e}}$ P $\cdot$ PsPSP $\bar{r}$ PsPrC $\bar{H}$ P $^{\circ}$ P $\cdot$ Cf P $\bar{i}$ C-CfP $\gg$ C $\bar{C}$ C $\bar{H}$ C-PrPePsC— C—P $\parallel$ C-, C, P $^{\circ}$
PrP $\gg$ C $\bar{C}$ P $\bar{i}$ C $\bar{H}$ P $\bar{e}$ P $\bar{N}_{\bar{e}}$ PsPjCf C $\uparrow$ C-P $\gg$ PsC— C, P $^{\circ}$ P $\pm$ P $\gg$ P μ C, PeP $\bar{e}$. P $^{\circ}$ C $\bar{H}$ P $^{\circ}$ C...PsPICrC $\bar{H}$ C $\uparrow$ P $\bar{e}$,
PiP μ C $\bar{H}$ P μ PrP $\pm$ P $^{\circ}$ C $\uparrow$ CfPIP $^{\circ}$ PSP $\bar{e}$ P $\bar{N}_{\bar{e}}$, PrPsP $\cdot$ Ps-P $\bar{i}$ C $\bar{H}$ PsPiPsC $\bar{H}$ C $\uparrow$ C-P $\bar{N}_{\bar{e}}$ PSP $\bar{e}$ P $\bar{N}_{\bar{e}}$
C,, P $^{\circ}$ C $\bar{H}$ PjP $^{\circ}$ PePsPeC-PSP μ C, P $\bar{e}$ C $\uparrow$ PSP $\bar{e}$ P $\bar{N}_{\bar{e}}$ P $\bar{i}$ C $\bar{H}$ PsC,, C-P $\gg$ C $\bar{H}$ C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr,
C $\bar{H}$ P μ P $\cdot$ CfP $\gg$ C $\bar{H}$ C, P $^{\circ}$ C, P $\bar{e}$ PrP $^{\circ}$ PSPsPiPs PrPsCfP $\gg$ C-PrP $\parallel$ P μ PSPSC $\bar{C}$ P $\cdot$
P $\pm$ C-PsPrPsCfC, CfPiPSPsCfC, C-, P $\bar{N}_{\bar{e}}$ PjPsPIC-C $\bar{H}$ PSPs, PjPsP $\parallel$ CfC, C $\bar{H}$ CfC, PsCfCfPIP $^{\circ}$ C, P $\bar{e}$ CfC $\bar{C}$
C- PSP $\bar{e}$ P $\parallel$ C $\uparrow$ P $\bar{e}$ C... PrPsP $\cdot$ C $\bar{H}$ P $\bar{e}$ PIP $^{\circ}$ C $\bar{H}$ PsPeCfP $^{\circ}$ P $\pm$ P $^{\circ}$ PSCr.

P PsP $\cdot$ PiPsPrC-P $\gg$

P—PIbTTM CЛIP·CpPIP°PSPSCЛ P· P±C—P»PeP°PjPë PïP»P°P·PjPë Cр P»CHPrPëPSPë C”
PIPëCГPсPePëPj C- CГC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 92% - 95%, PïCTjPë C†CHPsPjCр
PsCГPSPsPIPSPëPj P·PIbTTM CЛIP·CpCTHC†PëPj PePsPjPiPsPSPµPSC,PsPj C”
CГPëCTjPsPIP°C,PePsPIPëPNë P°P»CHP±CpPjC-PS. PhP±BTTM C”Pj CTjPsP·PiPsPrC—P»Cр BT”
PiPsPjC—CTjPSPëPNë, PiPsPeP°P·PSPëPe Vss (PsP±BTTM C”Pj CTjPsP·PiPsPrC—P»Cр PI
CTjC—PIPSPsPIP°P¶PSPsPjCр CГC,P°PSC-) CГC,P°PSPsPIPëC,CH PjP°PNëP¶Pµ 50 P».

PµPµC,P°P±PsP»C—P·Pj C- PIPëPIPµPrPµPSPSCЛ P· PsCTjPiP°PSC—P·PjCр

PµP°PNëP¶Pµ 2/3 PïCTjPëPNëPSCЛC,PsC— PrPsP·Pë CTjPëPIP°CTjPsPeCГP°P±P°PSCр
PjPµC,P°P±PsP»C—P·CрC”C,CHCГCЛ P· PSP°CГC,CpPiPSPëPj PIPëPIPµPrPµPSPSCЛPj
PiPsP»PsPIPëPSPë PjPµC,P°P±PsP»C—C,PI PSPëCTjPeP°PjPë, P° C—PSC€PsC— PiPsP»PsPIPëPSPë
- P· PeP°P»PsPj. P PµC€C,P° (1/3) PïCTjPëPNëPSCЛC,PsC— PrPsP·Pë PIPëPiPsPrPëC,CHCГCЛ
P±PµP·PiPsCГPµCTjPµPrPSCHPs PSPëCTjPeP°PjPë Cр PIPëPiP»CЛPrC- PSPµP·PjC—PSPµPSPsC—
PrC—CTHC†PsC— CTjPµC†PsPIPëPSPë C—P· CГPµC†PµCT PiPµCTjPµPIP°P¶PSPs C€P»CЛC...PsPj
P°PeC,PëPIPSPsC— PSPëCTjPePsPIPsC— CГPµPeCTjPµC†C—C—.

PµPµC,P°P±PsP»C—P·Pj CTjPëPIP°CTjPsPeCГP°P±P°PSCр P·P°P±PµP·PiPµC†CрC”C,CHCГCЛ
C—P·PsC,,PµCTjPjPµPSC,P°PjPë CYP3A4, CYP2J2 C,P° PSPµP·P°P»PµP¶PSPëPjPë PIC—Pr
CГPëCГC,PµPjPë C†PëC,PsC...CTjPsPjCр CYP PjPµC...P°PSC—P·PjP°PjPë. PhCГPSPsPIPSPëPjPë
PrC—P»CЛPSPeP°PjPë P±C—PsC,CTjP°PSCГC,,PsCTjPjP°C†C—C— C” PjPsCTjC,,PsP»C—PSPsPIP°
PiCTjCрPiP°, C%Ps P·P°P·PSP°C” PsPePëCГPSPsPiPs CTjPsP·PeP»P°PrP°PSPSCЛ, C,P°
P°PjC—PrPSC- PiCTjCрPiPë, CЛPeC- PiC—PrP»CЛPiP°CTHC,CH PiC—PrCTjPsP»C—P·Cр.
P’PëC...PsPrCЛC†Pë P· PsC,CTjPëPjP°PSPëC... *in vitro* PrP°PSPëC..., CTjPëPIP°CTjPsPeCГP°P±P°PS
C” CГCрP±CГC,CTjP°C,PsPj C,CTjP°PSCГPiPsCTjC,PSPëC... P±C—P»PeC—PI P -gp (P -
PiP»C—PePsPiCTjPsC,PµC—PS) C,P° Bcrp (P±C—P»PsPe CTjPµP·PëCГC,PµPSC,PSPsCГC,C- PrPs
CTjP°PeCр PjPsP»PsC†PSPsC— P·P°P»PsP·Pë).

PkP°PNëPIP°P¶P»PëPIC—C€PsCT CГPiPsP»CрPePsCT PI PïP»P°P·PjC- PeCTjPsPIC- P»CHPrPëPSPë
C” PSPµP·PjC—PSPµPSPëPNë CTjPëPIP°CTjPsPeCГP°P±P°PS, PïCTjPë C†CHPsPjCр P·PSP°C†PSC—
P°P±Ps P°PeC,PëPIPSC- C†PëCTjPeCрP»CTHC†C— PjPµC,P°P±PsP»C—C,Pë PSPµ
PIPëCЛPIP»PµPSC-. P PëPIP°CTjPsPeCГP°P±P°PS, CГPëCГC,PµPjPSPëPNë PeP»C—CTjPµPSCГ
CЛPePsPiPs CГC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 10 P»/PiPsPr, PjPsP¶Pµ P±CрC,Pë
PIC—PrPSPµCГPµPSPëPNë PrPs P»C—PeP°CTjCГCHPePëC... P·P°CГPsP±C—PI P· PSPëP·CHPePëPj
CTjC—PIPSPµPj PeP»C—CTjPµPSCГCр. PµC—CГP»CЛ PIPSCрC,CTjC—C€PSCHPsPIPµPSPSPsPiPs
P·P°CГC,PsCГCрPIP°PSPSCЛ PrPsP·Pë 1 PjPi PiPµCTjC—PsPr PSP°PiC—PIIPëPIPµPrPµPSPSCЛ
CГC,P°PSPsPIPëC,CH P±P»PëP·CHPePs 4,5 PiPsPrPëPSPë. PµCTjPë
PiPµCTjPsCTjP°P»CHPSPsPjCр P·P°CГC,PsCГCрPIP°PSPSC- PIPëPIPµPrPµPSPSCЛ
PsP±PjPµP¶CрC”C,CHCГCЛ C€PIPëPrPeC—CГC,CT P°P±CГPsCTjP±C†C—C—. PµCTjPë
PIPëPIPµPrPµPSPSC- CTjPëPIP°CTjPsPeCГP°P±P°PSCр P· PïP»P°P·PjPë
C,PµCTjPjC—PSP°P»CHPSPëPNë PiPµCTjC—PsPr PSP°PiC—PIIPëPIPµPrPµPSPSCЛ
CГC,P°PSPsPIPëC,CH PIC—Pr 5 PrPs 9 PiPsPrPëPS Cр PjPsP»PsPrPëC... PiP°C†C—C”PSC,C—PI C,P°
PIC—Pr 11 PrPs 13 PiPsPrPëPS Cр PsCГC—P± P»C—C,PSCHPsPiPs PIC—PeCр.

PhCГPsP±P»PëPIC- PiCTjCрPiPë C...PIPsCTjPëC...

PŸC,P°C,CH. Pj C†PsP»PsPIC—PeC—PI C- P¶C—PSPsPe PeP»C—PSC—C†PSPs P·PSP°C†CрC%OC—
CTjPsP·C...PsPrP¶PµPSPSCЛ C,,P°CTjPjP°PePsPeC—PSPµC,PëPePë PSPµ PIPëCЛPIP»PµPSC—
(PrPëPI. CTjPsP·PrC—P» B«PŸPiPsCГC—P± P·P°CГC,PsCГCрPIP°PSPSCЛ C,P° PrPsP·PëB»).

PµP°C†C—C”PSC,Pë P»C—C,PSCHPsPiPs PIC—PeCž. Pj PïP°C†C—C”PSC,C—PI P»C—C,PSCHPsPiPs
PIC—PeCр PePsPSC†PµPSC,CTjP°C†C—C— CTjPëPIP°CTjPsPeCГP°P±P°PSCр Cр PïP»P°P·PjC—

PIPëC%oC-, PSC-P¶ Cr PjPsP»PsPrPëC... PïP°C†C-C"PSC,C-PI, CÍPµC¶PµPrPSC"
P·PSP°C‡PµPSPSC¶ AUC PiC¶PëP±P»PëP·PSPs Cr 1,5 C¶P°P·P° PiPµC¶PµPIPëC%oC†C"
PIC-PrPiPsPIC-PrPSC- P·PSP°C‡PµPSPSC¶ Cr PjPsP»PsPrPëC... PïP°C†C-C"PSC,C-PI,
PiPsP»PsPIPSPëPj C‡PëPSPsPj CrPSP°CÍP»C-PrPsPe P·PSPëP¶PµPSPsPiPs P·P°PiP°P»CHPSPsPiPs
C,P° PSPëC¶PëPsPIPsPiPs PeP»C-C¶PµPSCÍC†. PkPµPjP°C" PiPsC,C¶PµP±Pë PI
PePsC¶PµPeC†C-C— PrPsP·Pë.

P C-P·PSC- PIP°PiPsPIC- PeP°C,PµPiPsC¶C-C—. P—P°PSP°PrC,Ps PjP°P»P° P°P±Ps PIPµP»PëPeP°
PjP°CÍP° C,C-P»P° (PjPµPSC€Pµ 50 PePi C- P±C-P»CHC€Pµ 120 PePi) P»PëC€Pµ
PSPµP·PSP°C‡PSPsC¶ PjC-C¶PµC¶ PIPiP»PëPIP°C" PSP° PePsPSC†PµPSC,C¶P°C†C-C—
C¶PëPIP°C¶PµPeCÍP°P±P°PSC† Cr PïP»P°P·PjC- (PjPµPSC€Pµ 25 %). PkPµPjP°C"
PiPsC,C¶PµP±Pë PI PePsC¶PµPeC†C-C— PrPsP·Pë.

PµC-P¶PµC,PSC-C‡PSC- PsCÍPsP±P»PëPIPsCÍC,C-. PµP»C-PSC-C‡PSPs P·PSP°C‡C†C%oC-
C¶PµP·C...PsPrP¶PµPSPSC¶ C,,P°C¶PjP°PePsPeC-PSPµC,PëPePë (PαPµ) C,P°
C,,P°C¶PjP°PePsPrPëPSP°PjC-PePë (PαP") Cr PïP°C†C-C"PSC,C-PI C"PIC¶PµPiPµPsC—PrPSPsC—,
P°C,,C¶PµP°PjPµC¶PëPeP°PSCÍCHPePsC—, P»P°C,PëPSPsP°PjPµC¶PëPeP°PSCÍCHPePsC—,
C¶PiPsPSCÍCHPePsC— P°P±Ps PePëC,P°PµCÍCHPePsC— PµC,PSC-C‡PSPsC—
PiC¶PëPSP°P»PµP¶PSPsCÍC,C- PSPµ CÍPiPsCÍC,PµC¶C-PiP°P»PëCÍC¶.

PµPµC‡C-PSPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH. Pj C...PIPsC¶PëC... PSP° C†PëC¶PµP·
PiPµC‡C-PSPePë P· P»PµPiPePsC¶ PiPµC‡C-PSPePsPIPsC¶ PSPµPrPsCÍC,P°C,PSC-CÍC,C¶
(PeP»P°CÍ P¶ P·P° PeP»P°CÍPëC,,C-PeP°C†C-C"C¶ P¶P°PµP»PrP°B¶"PµB¶™ C¶)
C,,P°C¶PjP°PePsPeC-PSPµC,PëPeP° C¶PëPIP°C¶PµPeCÍP°P±P°PSC† P»PëC€Pµ
PSPµP·PSP°C‡PSPs PIC-PrC¶C-P·PSC¶P»P°CÍC¶ PIC-Pr PIC-PrPiPsPIC-PrPSPëC...
PiPsPeP°P·PSPëPeC-PI (Cr CÍPµC¶PµPrPSC¶PsPjC† 1,2-C¶P°P·PsPIPµ P·P±C-P»CHC€PµPSPSC¶
AUC C¶PëPIP°C¶PµPeCÍP°P±P°PSC†) Cr PePsPSC,C¶PµP»CHPSC-Pµ PiC¶C†PiC-
P·PrPsC¶PµPIPëC... PrPsP±C¶PµPIPsP»CHC†C-PI.Pj C...PIPsC¶PëC... PSP° C†PëC¶PµP·
PiPµC‡C-PSPePë C-P· CÍPµC¶PµPrPSC¶PsC,C¶P¶PePsC¶ PiPµC‡C-PSPePsPIPsC¶
PSPµPrPsCÍC,P°C,PSC-CÍC,C¶ (PeP»P°CÍ P' P·P° PeP»P°CÍPëC,,C-PeP°C†C-C"C¶
P¶P°PµP»PrP°B¶"PµB¶™ C¶) CÍPµC¶PµPrPSC¶ AUC C¶PëPIP°C¶PµPeCÍP°P±P°PSC† P±C†P»P°
P·PSP°C‡PSPs PiC-PrPIPëC%oPµPSP° (Cr 2,3 C¶P°P·P°) PiPsC¶C-PIPSC¶PSPs P· C,P°PePsC¶ Cr
P·PrPsC¶PµPIPëC... PrPsP±C¶PµPIPsP»CHC†C-PI. AUC PSPµP·PiB¶™ C¶P·P°PSPsC—
C¶PµC‡PsPIPëPSPë PiC-PrPIPëC%oC†PIP°P»P°CÍC¶ Cr 2,6 C¶P°P·P°. Pj C†PëC...
PïP°C†C-C"PSC,C-PI C,P°PePsP¶ P·P°C¶PµC"CÍC,C¶PµPIP°PSPs P·PSPëP¶PµPSPSC¶
PIPëPIPµPrPµPSPSC¶ C¶PëPIP°C¶PµPeCÍP°P±P°PSC† P· CÍPµC‡PµC¶, PiPsPrC-P±PSPµ PrPs
C,PsPiPs, C%oPs C...P°C¶P°PeC,PµC¶PSPµ PrP»C¶ PïP°C†C-C"PSC,C-PI P· PSPëC¶PëPsPIPsC¶
PSPµPrPsCÍC,P°C,PSC-CÍC,C¶ PiPsPjC-C¶PSPsPiPs CÍC,C†PiPµPSC¶.

PkPµPjP°C" PrP°PSPëC... C%oPsPrPs PïP°C†C-C"PSC,C-PI P· C,C¶P¶PePëPj
PiPsC¶C†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PiPµC‡C-PSPePë.

PµC¶PëPiPSC-C‡PµPSPSC¶ P°PeC,PëPIPSsCÍC,C- C,,P°PeC,PsC¶P° PÍP° P±C†P»Ps
PIPëC¶P°P¶PµPSPµ CÍPëP»CHPSC-C€Pµ (2,6-PeC¶P°C,PSPµ C¶PµP·C...PsPrP¶PµPSPSC¶) Cr
PïP°C†C-C"PSC,C-PI C-P· CÍPµC¶PµPrPSC¶PsC,C¶P¶PePëPj PiPsC¶C†C€PµPSPSC¶Pj
C,,C†PSPeC†C-C— PiPµC‡C-PSPePë, PSC-P¶ Cr P·PrPsC¶PµPIPëC... PrPsP±C¶PµPIPsP»CHC†C-PI;
PµP¶ C,P°PePsP¶ (2,1-PeC¶P°C,PSPs) PiPsPrPsPIP¶C†PIP°PICÍC¶. PµP°C†C-C"PSC,Pë P·
CÍPµC¶PµPrPSC¶PsC,C¶P¶PePëPj PiPsC¶C†C€PµPSPSC¶Pj C,,C†PSPeC†C-C— PiPµC‡C-PSPePë
P±C†P»Pë P±C-P»CHC€ C‡C†C,P»PëPIPëPjPë PrPs C¶PëPIP°C¶PµPeCÍP°P±P°PSC†, C%oPs
PiC¶PëP·PIPsPrPëP»Ps PrPs P±C-P»CHC€ PeC¶C†C,PsC— PeC¶PëPIPsC—
P·P°P»PµP¶PSPsCÍC,C- PαPµ/PαP" PjC-P¶ PePsPSC†PµPSC,C¶P°C†C-C"C¶ C,P° PµP¶.

P PëPIP°CḡPsPeCÍP°P±P°PS PíCḡPsC,PëPíPsPeP°P·P°PSPëPNë PíP°C†C-C°PSC,P°Pj P·
C...PIPsCḡPsP±P°PjPë PíPµC†C-PSPePë, C%Ps CÍCíPíCḡPsPIPsPrP¶CíCḡC,CHCÍCµ
PePsP°PíCíP»PsPíP°C,C-C°Cḡ P· PeP»C-PSC-C†PSPs P·PSP°C†PëPjPëPj CḡPëP·PëPePsPj
PIPëPSPëPePSPµPSPSCµ PeCḡPsPIPsC,PµC†C-, PI C,PsPjCí C†PëCÍP»C- C...PIPsCḡPëPj PSP°
C†PëCḡPsP· PíPµC†C-PSPePë PeP»P°CÍCí P' C,P° PŸ P·P° PeP»P°CÍPëC,,C-PeP°C†C-C°Cḡ
PŞP°PNëP»PrP°Bḡ“PµBḡ™ Cḡ (PrPëPI. CḡPsP·PrC-P» B«PµCḡPsC,PëPíPsPeP°P·P°PSPSCµB»).

PkPëCḡPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH. P'C-PrP·PSP°C†P°P»PsCÍCµ
P·P±C-P»CHCëPµPSPSCµ PµPeCÍPíPsP·PëC†C-C— CḡPëPIP°CḡPsPeCÍP°P±P°PSCí, CµPePµ
PsP±PµCḡPSPµPSPs PíCḡPsPíPsCḡC†C-PNëPSPs PePsCḡPµP»CḡC” P·C- P·PSPëP¶PµPSPSCµPj
C,,CíPSPeC†C-C— PSPëCḡPsPe, C%Ps PIPëP·PSP°C†P°P»Pë P·P° PeP»C-CḡPµPSCÍPsPj
PeCḡPµP°C,PëPSC-PSCí. P' PsCÍC-P± P· P»PµPiPePëPj (PeP»C-CḡPµPSCÍ
PeCḡPµP°C,PëPSC-PSCí 50Bḡ“80 PjP»/C...PI), CÍPµCḡPµPrPSCḡPsC,CµP¶PePëPj
(PeP»C-CḡPµPSCÍ PeCḡPµP°C,PëPSC-PSCí
30Bḡ“49 PjP»/C...PI) P°P±Ps C,CµP¶PePëPj (PeP»C-CḡPµPSCÍ PeCḡPµP°C,PëPSC-PSCí 15Bḡ“29
PjP»/C...PI) PíPsCḡCíCëPµPSPSCµPj C,,CíPSPeC†C-C— PSPëCḡPsPe,
PePsPSC†PµPSC,CḡP°C†C-C— CḡPëPIP°CḡPsPeCÍP°P±P°PSCí Cí PíP»P°P·PjC- (AUC) P±CíP»Pë
PI 1,4, 1,5 C,P° 1,6 CḡP°P·P° P±C-P»CHCëC- PíPsCḡC-PIPSCµPSPs P· C,P°PePëPjPë Cí
P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CHC†C-PI. P'C-PrPíPsPIC-PrPSPs
CÍPíPsCÍC,PµCḡC-PiP°P»PsCÍCµ P·P±C-P»CHCëPµPSPSCµ
C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSPëC... PµC,,PµPeC,C-PI. P' PsCÍC-P± P· P»PµPiPePëPj,
CÍPµCḡPµPrPSCḡPsC,CµP¶PePëPj P°P±Ps C,CµP¶PePëPj PíPsCḡCíCëPµPSPSCµPj
C,,CíPSPeC†C-C— PSPëCḡPsPe P·P°PiP°P»CHPSPµ PíCḡPëPiPSC-C†PµPSPSCµ
P°PeC,PëPIPSPsCÍC,C- C,,P°PeC,PsCḡP° PÍP° P±CíP»Ps PIC-PrPíPsPIC-PrPSPs PI 1,5, 1,9 C,P° 2
CḡP°P·Pë P±C-P»CHCëPëPj PíPsCḡC-PIPSCµPSPs P· C,P°PePëPj Cí P·PrPsCḡPsPIPëC...
PrPsP±CḡPsPIPsP»CHC†C-PI; PµPŞ PíPsPrC-P±PSPëPj C†PëPSPsPj P·CḡPsCÍC,P°P»Ps Cí 1,3, 2,2
C,P° 2,4 CḡP°P·P° PIC-PrPíPsPIC-PrPSPs. P°P°PSC- C%PsPrPs PíP°C†C-C°PSC,C-PI P·
PeP»C-CḡPµPSCÍPsPj PeCḡPµP°C,PëPSC-PSCí < 15 PjP»/C...PI PIC-PrCÍCíC,PSC-.

P— PsPiP»CµPrCí PSP° PIPëCÍPsPePµ P·PIBḡ™ CµP·CíPIP°PSPSCµ P· P±C-P»PeP°PjPë
PíP»P°P·PjPë, PsC†C-PeCíC”C,CHCÍCµ, C%Ps CḡPëPIP°CḡPsPeCÍP°P±P°PS PSPµ
PIPëPIPsPrPëC,CHCÍCµ P· PsCḡPiP°PSC-P·PjCí CëP»CµC...PsPj PrC-P°P»C-P·Cí.

PkPµ CḡPµPePsPjPµPSPrCíC”C,CHCÍCµ P·P°CÍC,PsCÍPsPICíPIP°C,Pë
P»C-PeP°CḡCíCḡPePëPNë P·P°CÍC-P± PíP°C†C-C°PSC,P°Pj C-P· PeP»C-CḡPµPSCÍPsPj
PeCḡPµP°C,PëPSC-PSCí
< 15 PjP»/C...PI. P PëPIP°CḡPsPeCÍP°P±P°PS CÍP»C-Pr P·P°CÍC,PsCÍPsPICíPIP°C,Pë P·
PsP±PµCḡPµP¶PSC-CÍC,Cḡ PíP°C†C-C°PSC,P°Pj P· PeP»C-CḡPµPSCÍPsPj
PeCḡPµP°C,PëPSC-PSCí
15Bḡ“29 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P» B«PḡCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCµB»).

PαP°CḡPjP°PePsPeC-PSPµC,PëC†PSC- PrP°PSC-, PIC-PrPjC-C†PµPSC- Cž PíP°C†C-C°PSC,C-PI. Pj
PíP°C†C-C°PSC,C-PI, CµPeC- PsC,CḡPëPjCíCḡC,CH CḡPëPIP°CḡPsPeCÍP°P±P°PS PrP»Cµ
PíCḡPsC,,C-P»P°PeC,PëPePë P'PŸP· PI PrPsP·C- 10 PjPi CḡP°P· PSP° PrPsP±Cí,
CÍPµCḡPµPrPSC-PNë PiPµPsPjPµC,CḡPëC†PSPëPNë PíPsPeP°P·PSPëPe
PePsPSC†PµPSC,CḡP°C†C-C— (C-PSC,PµCḡPIP°P» PíCḡPsPiPSPsP·CíPIP°PSPSCµ Bḡ“ 90 %)
C†PµCḡPµP· 2Bḡ“4 PiPsPrPëPSPë C,P° PjP°PNëP¶Pµ C†PµCḡPµP· 24 PiPsPrPëPSPë PíC-CÍP»Cµ
P·P°CÍC,PsCÍCíPIP°PSPSCµ (C†P°CÍ, C%Ps PíCḡPëP±P»PëP·PSPs PIC-PrPsP±CḡP°P¶P°C”
PrPsCÍCµPiPSPµPSPSCµ PjP°PeCÍPëPjP°P»CHPSPsC— C,P° PjC-PSC-PjP°P»CHPSPsC—
PePsPSC†PµPSC,CḡP°C†C-C— PI PíCḡPsPjC-P¶PeP°C... PjC-P¶ PíCḡPëPNëPsPjP°PjPë PrPsP·)
CÍC,P°PSPsPIPëPI 101 (7Bḡ“273) C- 14 (4Bḡ“51) PjPePi/P», PIC-PrPíPsPIC-PrPSPs.

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C, P\ddot{e}C\ddagger PSC-/C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-C\ddagger PSC-$
 $PIP\cdot P^{\circ}C''PjPsP\cdot PI\mathfrak{B}\tilde{H}^{\text{TM}}C\tilde{I}P\cdot PeP\ddot{e}. PhC\ddagger C-PSPeP^{\circ}C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C, P\ddot{e}C\ddagger PSPsPiPs/$
 $C,,P^{\circ}C\tilde{H}PjP^{\circ}PePs-PrP\ddot{e}PSP^{\circ}PjC-C\ddagger PSPsPiPs (P\alpha P_{\text{Л}}/P\alpha P'') PIP\cdot P^{\circ}C''PjPsP\cdot PI\mathfrak{B}\tilde{H}^{\text{TM}}C\tilde{I}P\cdot PeC\acute{r} PjC-P\mathfrak{I}$
 $PePsPSC\ddagger P\mu PSC, C\tilde{H}P^{\circ}C\ddagger C-C''C\tilde{H} C\tilde{H}P\ddot{e}PIP^{\circ}C\tilde{H}PsPeC\acute{r}P^{\circ}P\pm P^{\circ}PSC\acute{r} PI P\ddot{I}P\gg P^{\circ}P\cdot PjC- PeC\tilde{H}PsPIC-$
 $C,P^{\circ} PrP\mu C\tilde{I}PeP\ddot{e}PjP\ddot{e} C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-C\ddagger PSP\ddot{e}PjP\ddot{e} PeC-PSC\ddagger P\mu PIP\ddot{e}PjP\ddot{e}$
 $C,PsC\ddagger PeP^{\circ}PjP\ddot{e} (P\ddot{I}C\tilde{H}P\ddot{e}PiPSC-C\ddagger P\mu PSPSC\tilde{I} C,,P^{\circ}PeC,PsC\tilde{H}P^{\circ} P\acute{r}P^{\circ}, P\mu P\mathfrak{S}, P\mathfrak{h}P\mathfrak{S}P\ddot{y}P\mathfrak{S}, HepTest)$
 $P\ddot{I}C\tilde{H}PsPiPsPrP\ddot{e}P\gg P^{\circ}C\acute{r}CH\mathfrak{S} PSP^{\circ} C,P\gg C- P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\tilde{I} PIP\mu P\gg P\ddot{e}PePsPiPs$
 $PrC-P^{\circ}P\ddot{I}P^{\circ}P\cdot PsPSC\acute{r} PrPsP\cdot (5\mathfrak{B}\tilde{H}''30 PjPi PrPIC-C\ddagger C- PSP^{\circ} PrPsP\pm C\acute{r}).$
 $P'P\cdot P^{\circ}C''PjPsP\cdot PI\mathfrak{B}\tilde{H}^{\text{TM}}C\tilde{I}P\cdot PsPe PjC-P\mathfrak{I} PePsPSC\ddagger P\mu PSC, C\tilde{H}P^{\circ}C\ddagger C-C''C\tilde{H}$
 $C\tilde{H}P\ddot{e}PIP^{\circ}C\tilde{H}PsPeC\acute{r}P^{\circ}P\pm P^{\circ}PSC\acute{r} C,P^{\circ} P^{\circ}PeC, P\ddot{e}PIPSC-C\acute{r}C, C\tilde{H} C,,P^{\circ}PeC,PsC\tilde{H}P^{\circ} P\acute{r}P^{\circ}$
 $PSP^{\circ}PN_{\mathfrak{e}}PeC\tilde{H}P^{\circ}C\%_{\text{P}\mu} PIP\ddot{e}P\cdot PSP^{\circ}C\ddagger P^{\circ}C''C, CHC\acute{r}C\tilde{I} P\cdot P^{\circ} PrPsP\ddot{I}PsPjPsPiPsC\tilde{H} P\cdot_{\text{max}} PjPsPrP\mu P\gg C-.$
 $P\odot PsPrPs P\mu P\mathfrak{S} \mathfrak{B}\tilde{H}'' PSP^{\circ}PN_{\mathfrak{e}}P\pm C-P\gg CHC\mathfrak{E} PrPsC\acute{r}C,PsPIC-C\tilde{H}PSC- PrP^{\circ}PSC-$
 $PsC, C\tilde{H}P\ddot{e}PjC\acute{r}C\tilde{H}C, CH\mathfrak{S} C\mathfrak{E}P\gg C\tilde{I}C...PsPj P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\tilde{I} P\gg C-PSC-PN_{\mathfrak{e}}PSPsC-$
 $PjPsPrP\mu P\gg C- P\ddot{I}P\mu C\tilde{H}P\mu C, P\ddot{e}PSP^{\circ}PSPSC\tilde{I} PIC-PrC\tilde{H}C-P\cdot PeC-PI. P' P\cdot P^{\circ}P\gg P\mu P\mathfrak{I}PSPsC\acute{r}C, C- PIC-Pr$
 $C\tilde{H}C-P\cdot PSP\ddot{e}C... C\tilde{H}P\mu P^{\circ}PiP\mu PSC, C-PI PrP\gg C\tilde{I} PIP\ddot{e}P\cdot PSP^{\circ}C\ddagger P\mu PSPSC\tilde{I} P\mu P\mathfrak{S}, PeC\acute{r}C,PsPIP\ddot{e}PN_{\mathfrak{e}}$
 $PePsP\mu C,,C-C\ddagger C-C''PSC, PjPsP\mathfrak{I}P\mu PjP^{\circ}C, P\ddot{e} C\acute{r}C\acute{r}C, C,C''PIPs PIC-PrPjC-PSPSC-$
 $P\cdot PSP^{\circ}C\ddagger P\mu PSPSC\tilde{I}. P\mu C\tilde{H}P\ddot{e} P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC- C\tilde{H}P\mu P^{\circ}PiP\mu PSC, C\acute{r} Neoplastin PrP\gg C\tilde{I}$
 $PIP\ddot{e}PjC-C\tilde{H}C\tilde{H}PIP^{\circ}PSPSC\tilde{I} P\mu P\mathfrak{S}, PIP\ddot{e}C...C-PrPSP\ddot{e}PN_{\mathfrak{e}} P\mu P\mathfrak{S} C\acute{r}C, P^{\circ}PSPsPIP\ddot{e}PI P\pm P\gg P\ddot{e}P\cdot CHPePs$
 $13 C\acute{r}, P^{\circ} PeC\acute{r}C,PsPIP\ddot{e}PN_{\mathfrak{e}} PePsP\mu C,,C-C\ddagger C-C''PSC, \mathfrak{B}\tilde{H}'' PIC-Pr 3 PrPs 4 C\acute{r}/(100 PjPePi/P\gg).$
 $P P\mu P\cdot C\acute{r}P\gg CHC, P^{\circ}C, P\ddot{e} P\alpha P_{\text{Л}}/P\alpha P'' P^{\circ}PSP^{\circ}P\gg C-P\cdot C-PI C\acute{r} PrPsC\acute{r}P\gg C-PrP\mathfrak{I}P\mu PSPSC\tilde{I}C... C,,P^{\circ}P\cdot$
 $P\ddagger P\ddagger C,P^{\circ} P\ddagger P\ddagger P\ddagger PIC-PrP\ddot{I}PsPIC-PrP^{\circ}P\gg P\ddot{e} PrP^{\circ}PSP\ddot{e}Pj, PsC, C\tilde{H}P\ddot{e}PjP^{\circ}PSP\ddot{e}Pj C\acute{r}$
 $P\cdot PrPsC\tilde{H}PsPIP\ddot{e}C... PrPsP\pm C\tilde{H}PsPiPsP\gg CHC\ddagger C-PI. Pj P\ddot{I}P^{\circ}C\ddagger C-C''PSC, C-PI, PSP^{\circ} P\pm P^{\circ}P\cdot PsPIC-$
 $C\tilde{H}C-PIPSC- C,,P^{\circ}PeC,PsC\tilde{H}P^{\circ} P\acute{r}P^{\circ} C,P^{\circ} P\mu P\mathfrak{S} PIP\ddot{I}P\gg P\ddot{e}PIP^{\circ}P\gg P\ddot{e} C...C-C\tilde{H}C\acute{r}C\tilde{H}PiC-C\ddagger PSC-$
 $PIC, C\tilde{H}C\acute{r}C\ddagger P^{\circ}PSPSC\tilde{I}, PI C\tilde{H}P\mu P\cdot C\acute{r}P\gg CHC, P^{\circ}C, C- C\ddagger PsPiPs PIP\ddot{e}PSP\ddot{e}PeP^{\circ}P\gg P\ddot{e}$
 $PIC-PrPjC-PSPSPsC\acute{r}C, C- PeC\acute{r}C,PsPiPsPiPs PePsP\mu C,,C-C\ddagger C-C''PSC, C\acute{r}$
 $C\acute{r}PiC-PIPIC-PrPSPsC\mathfrak{E}P\mu PSPSC\tilde{I} PePsPSC\ddagger P\mu PSC, C\tilde{H}P^{\circ}C\ddagger C-C\tilde{I}/P\mu P\mathfrak{S} PjC-P\mathfrak{I}$
 $P\ddot{I}PsPeP^{\circ}P\cdot PSP\ddot{e}PeP^{\circ}PjP\ddot{e} P\ddot{I}C-C\acute{r}P\gg C\tilde{I} PsP\ddot{I}P\mu C\tilde{H}P^{\circ}C, P\ddot{e}PIPSPsPiPs PIC, C\tilde{H}C\acute{r}C\ddagger P^{\circ}PSPSC\tilde{I} C,P^{\circ} PI$
 $C\acute{r}C, P^{\circ}P\pm C-P\gg CHPSPsPjC\acute{r} C\acute{r}C, P^{\circ}PSC-.$

$P''P\ddot{e}C, C\tilde{I}C\ddagger P\ddot{e}PN_{\mathfrak{e}} PIC-Pe. P\cdot C,,P\mu PeC, P\ddot{e}PIPSC-C\acute{r}C, CH\mathfrak{S} C,P^{\circ} P\pm P\mu P\cdot P\ddot{I}P\mu PeP^{\circ}$
 $P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\tilde{I} P\gg C-PeP^{\circ}C\tilde{H}C\acute{r}CHPePsPiPs P\cdot P^{\circ}C\acute{r}PsP\pm C\acute{r} P\cdot P^{\circ}$
 $P\ddot{I}PsPeP^{\circ}P\cdot P^{\circ}PSPSC\tilde{I}Pj P\ddot{I}C\tilde{H}PsC,,C-P\gg P^{\circ}PeC, P\ddot{e}PeP^{\circ} PIP\mu PSPsP\cdot PSPsC-$
 $C, C\tilde{H}PsPjP\pm PsP\mu PjP\pm PsP\gg C-C- C\acute{r} PrC-C, P\mu PN_{\mathfrak{e}} C,P^{\circ} P\ddot{I}C-PrP\gg C-C, PeC-PI (PIC-PePsPj PrPs 18$
 $C\tilde{H}PsPeC-PI) PSP\mu PIP\ddot{e}PIC\ddagger P^{\circ}P\gg P\ddot{e}C\acute{r}C\tilde{I}.$

$P''PsPeP\gg C-PSC-C\ddagger PSC- PrP^{\circ}PSC- P\cdot P\pm P\mu P\cdot P\ddot{I}P\mu PeP\ddot{e}$

$P\ddagger C\acute{r}PSC\acute{r}C\tilde{H}C\ddagger C- PrPsPeP\gg C-PSC-C\ddagger PSC- PrP^{\circ}PSC-, PsC, C\tilde{H}P\ddot{e}PjP^{\circ}PSC- PI C...PsPrC-$
 $C, C\tilde{H}P^{\circ}PrP\ddot{e}C\ddagger C-PN_{\mathfrak{e}}PSP\ddot{e}C... PrPsC\acute{r}P\gg C-PrP\mathfrak{I}P\mu PSC\tilde{H} C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsP\gg PsPiC-C\ddagger PSPsC-$
 $P\pm P\mu P\cdot P\ddot{I}P\mu PeP\ddot{e}, C,PsPeC\acute{r}P\ddot{e}C\ddagger PSPsC\acute{r}C, C- PsPrPSPsC\tilde{H}P^{\circ}P\cdot PsPiPsC- PrPsP\cdot P\ddot{e},$
 $PiP\mu PSPsC,PsPeC\acute{r}P\ddot{e}C\ddagger PSPsC\acute{r}C, C-, C,,PsC,PsC,PsPeC\acute{r}P\ddot{e}C\ddagger PSPsC\acute{r}C, C-,$
 $PeP^{\circ}PSC\ddagger P\mu C\tilde{H}PsPiP\mu PSPSPsPiPs P\ddot{I}PsC, P\mu PSC\ddagger C-P^{\circ}P\gg C\acute{r} C,P^{\circ} C\tilde{H}P\mu P\ddot{I}C\tilde{H}PsPrC\acute{r}PeC, P\ddot{e}PIPSPsC-$
 $C,PsPeC\acute{r}P\ddot{e}C\ddagger PSPsC\acute{r}C, C- PIPeP^{\circ}P\cdot C\acute{r}C\tilde{H}C, CH\mathfrak{S} PSP^{\circ} PIC-PrC\acute{r}C\acute{r}C, PSC-C\acute{r}C, CH\mathfrak{S} P\pm C\acute{r}PrCH-$
 $C\tilde{I}PeP\ddot{e}C... C\acute{r}P\ddot{I}P\mu C\ddagger P\ddot{e}C,,C-C\ddagger PSP\ddot{e}C... C\tilde{H}P\ddot{e}P\cdot P\ddot{e}PeC-PI PrP\gg C\tilde{I} P\gg C\tilde{H}PrP\ddot{e}PSP\ddot{e}.$

$Pj PrPsC\acute{r}P\gg C-PrP\mathfrak{I}P\mu PSPSC\tilde{I}C... C,PsPeC\acute{r}P\ddot{e}C\ddagger PSPsC\acute{r}C, C- P\pm P^{\circ}PiP^{\circ}C,PsC\tilde{H}P^{\circ}P\cdot PsPIP\ddot{e}C...$
 $PrPsP\cdot C\acute{r}P\ddot{I}PsC\acute{r}C, P\mu C\tilde{H}C-PiP^{\circ}P\gg P\ddot{e}C\acute{r}CH\mathfrak{S} P\mu C,,P\mu PeC, P\ddot{e}, P\ddot{I}PsPI\mathfrak{B}\tilde{H}^{\text{TM}}C\tilde{I}P\cdot P^{\circ}PSC-,$
 $PiPsP\gg PsPIPSP\ddot{e}Pj C\ddagger P\ddot{e}PSPsPj, P\cdot PSP^{\circ}PrPjC-C\tilde{H}PSPs PIP\ddot{e}C\tilde{H}P^{\circ}P\mathfrak{I}P\mu PSPsC\tilde{H}$
 $C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-C\ddagger PSPsC\tilde{H} PrC-C''C\tilde{H} C\tilde{H}P\ddot{e}PIP^{\circ}C\tilde{H}PsPeC\acute{r}P^{\circ}P\pm P^{\circ}PSC\acute{r}.$

$P\acute{K}P\mu P\cdot P^{\circ}C\tilde{H}P\mu C''C\acute{r}C, C\tilde{H}PsPIP^{\circ}PSPs PIP\ddot{I}P\gg P\ddot{e}PI PSP^{\circ} C,,P\mu C\tilde{H}C, P\ddot{e}P\gg CHPSC-C\acute{r}C, CH\mathfrak{S} C\acute{r}$
 $C\acute{r}P^{\circ}PjP\ddot{e}C\ddagger CH\mathfrak{S} C,P^{\circ} C\acute{r}P^{\circ}PjC\ddagger C-PI C\%_{\text{C}\acute{r}C\tilde{H}C-PI. Pj C...PsPrC- PrPsC\acute{r}P\gg C-PrP\mathfrak{I}P\mu PSC\tilde{H} PSP^{\circ}$

C,PIP°CḡPëPSP°C... P±CfP»Ps PIPëCḡPIP»PμPSPs CḡPμPīCḡPsPrCfPeC,PëPIPSCf
C,PSPeCfPëC±PSC-CfC,CH, PīPsPIbḡ™ CḡP·P°PSCf P· C,,P°CḡPjP°PePsP»PsPiC-C±PSPëPj
PjPμC...P°PSC-P·PjPsPj PrC-C— CḡPëPIP°CḡPsPeCfP°P±P°PSCf (PiPμPjPsCḡP°PiC-C±PSC-
CfCfPeP»P°PrPSPμPSPSCḡ).

РљР»С-РSC-С±РSC- С...Р°СḡР°РeC,РμСḡРëCfC,РëРeРë.

РμРsРeР°Р·Р°РSPSCḡ.

PμCḡPsC,,C-P»P°PeC,PëPeP° PIPμPSPsP·PSPsC— C,CḡPsPjP±PsPμPjP±PsP»C-C— (P'PḡP·) Cf
PrPsCḡPsCfP»PëC... PīP°C†C-C"PSC,C-PI, CḡPePëPj PīCḡPsPIPpsPrCḡC,CH
PsPīPμCḡP°C,PëPIPSC- PIC,CḡCfC±P°PSPSCḡ P· PμPSPPrPsPīCḡPsC,PμP·CfPIP°PSPSCḡ
PeCfP»CHC€PsPIPpsPiPs C±Pë PePsP»C-PSPSPsPiPs CfCfPiP»PsP±C-PI.

P>C-PeCfPIP°PSPSCḡ C,CḡPsPjP±PsP·Cf PiP»PëP±PsPePëC... PIPμPS (PḡP"'),
C,CḡPsPjP±PsPμPjP±PsP»C-C— P»PμPiPμPSPμPIPpsC— P°CḡC,PμCḡC-C— (PḡP·P>Ph) C-
PīCḡPsC,,C-P»P°PeC,PëPeP° CḡPμC†PëPrPëPICf PḡP"') C,P° PḡP·P>Ph Cf PrPsCḡPsCfP»PëC...
(PrPëPI. CḡPsP·PrC-P» B«PhCfPsP±P»PëPIPscfC,C- P·P°CfC,PsCfCfPIP°PSPSCḡB»
CfC,PsCfPsPIPSPs PīP°C†C-C"PSC,C-PI P· PḡP·P>Ph, C°Ps PjP°CḡC,CH
PSPμCfC,P°P±C-P»CHPSC- PiPμPjPsPrPëPSP°PjC-C±PSC- PīPsPeP°P·PSPëPePë).

РμСḡPsC,РëPīPsРeР°Р·Р°РSPSCḡ.

PμC-PrPIPëC°PμPSP° C±CfC,P»PëPIC-CfC,CH PrPs CḡPëPIP°CḡPsPeCfP°P±P°PSCf P°P±Ps
PrPs PrPsPīPsPjC-PḡPSPëC... CḡPμC±PsPIPëPS P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf.

РљР»С-РSC-С±PSPs P·PSP°C±CfC°P° P°PeC,PëPIPSP° PeCḡPsPIPpsC,PμC±P°.

PJC€PePsPrPḡPμPSPSCḡ P°P±Ps CfC,P°PSPë, C°Ps CfCfPīCḡPsPIPpsPrPḡCfCḡC,CHCfCḡ
P·PSP°C±PSPëPj CḡPëP·PëPePsPj CḡPsP·PIPëC,PeCf PeCḡPsPIPpsC,PμC±, CḡPeC- PjPsPḡCfC,CH
PIPeP»CḡC±P°C,Pë PSP°CḡPIPSC- PSP° PrP°PSPëPn PjPsPjPμPSC, P°P±Ps
PSPμC°PsPrP°PIPSPs PIPëCḡPIP»PμPSC- PIPëCḡP°P·PePë C€P»CfPSPePsPiPs-
PePëC€PePsPIPpsPiPs C,CḡP°PeC,Cf, P·P»PsCḡPeC-CfPSC- PSPsPIPpsCfC,PIPsCḡPμPSPSCḡ P·
PIPëCfPsPePëPj CḡPëP·PëPePsPj PeCḡPsPIPpsC,PμC±, PSPμC°PsPrP°PIPSPs
PīPμCḡPμPSPμCfPμPSCf C,CḡP°PIPjCf PiPsP»PsPIPSPsPiPs P°P±Ps CfPīPëPSPSPsPiPs
PjPsP·PeCf, PSPμC°PsPrP°PIPSPs PīPμCḡPμPSPμCfPμPSPμ PsPīPμCḡP°C,PëPIPSPμ
PIC,CḡCfC±P°PSPSCḡ PSP° PiPsP»PsPIPSPsPjCf, CfPīPëPSPSPsPjCf PjPsP·PeCf C±Pë PsC±P°C...,
PSPμC°PsPrP°PIPSC-PM PIPSCfC,CḡC-C€PSCḡPsC±PμCḡPμPīPSPëPn PeCḡPsPIPpsPIPëP»PëPI,
PIPëCḡPIP»PμPSPμ C±Pë PīC-PrPsP·CḡCḡPIP°PSPμ PIP°CḡPëPePsP·PSPμ
CḡPsP·C€PëCḡPμPSPSCḡ PIPμPS CfC,CḡP°PIPpsC...PsPrCf, P°CḡC,PμCḡC-PsPIPμPSPsP·PSC-
PjP°P»CHC,,PsCḡPjP°C†C-C—, P°PSPμPICḡPëP·PjPë CfCfPrPëPS P°P±Ps P·PSP°C±PSC-
PIPSCfC,CḡC-C€PSCḡPsCfPīC-PSP°P»CHPSC- C±Pë
PIPSCfC,CḡC-C€PSCḡPsC†PμCḡPμP±CḡP°P»CHPSC- CfCfPrPëPSPSC- P°PSPsPjP°P»C-C—.

PhPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCḡ P· P±CfPrCH-CḡPePëPjPë C-PSC€PëPjPë
P°PSC,PëPePsP°PiCfP»CḡPSC,P°PjPë, PSP°PīCḡPëPeP»P°Pr P·
PSPμC,,CḡP°PeC†C-PsPSPsPIP°PSPëPj PiPμPīP°CḡPëPSPsPj,
PSPëP·CHPePsPjPsP»PμPeCfP»CḡCḡPSPëPjPë PiPμPīP°CḡPëPSP°PjPë
(PμPSPsPeCfP°PiP°CḡPëPS, PrP°P»CHC,PμPīP°CḡPëPS), PīPsC...C-PrPSPëPjPë

PiPμPīP°CḡPēPSCr (C„PsPSPrP°PīP°CḡPēPSCrPeCī), PīPμCḡPsCḡP°P»CH̄PSPēPjPē
P°PSC,PēPePsP°PiCīP»CḡPSC,P°PjPē (PIP°CḡC„P°CḡPēPS, PrP°P±C-PiP°C,CḡP°PSCr
PμC,PμPeCīPēP»P°C,, P°PiC-PeCīP°P±P°PS), PsPeCḡC-Pj CīPīPμC†PēC„C-C†PSPēC...
PsP±CīC,P°PIPēPS PīPμCḡPμC...PsPrCī PSP° P°P»CH̄C,PμCḡPSP°C,PēPIPSCr
P°PSC,PēPePsP°PiCīP»CḡPSC,PSCr C,PμCḡP°PiC-Cḡ (PrPēPI. CḡPsP·PrC-P» B«PŸPīPsCīC-P±
P·P°CīC,PSCīCīPIP°PSPSCḡ C,P° PrPsP·PēB») P°P±Ps PIPēPīP°PrPePē, PePsP»Pē
PSPμC„CḡP°PeC†C-PsPSPsPIP°PSPēPμ PīPμPīP°CḡPēPS PīCḡPēP·PSP°C†P°CḡC,CH̄ Cī
PrPsP·P°C..., PSPμPsP±C...C-PrPSPēC... PrP»Cḡ P·P°P±PμP·PīPμC†PμPSPSCḡ
C„CīPSPeC†C-PsPSCrPIP°PSPSCḡ PIC-PrPeCḡPēC,PsPiPs PeP°C,PμC,PμCḡP°
C†PμPSC,CḡP°P»CH̄PSPēC... PIPμPS C†Pē P°CḡC,PμCḡC-Pμ (PrPēPI. CḡPsP·PrC-P»
B«P·P·P°C”PjPsPrC-Cḡ P· C-PSCēPēPjPē P»C-PeP°CḡCīCH̄PePēPjPē P·P°CīPsP±P°PjPē C,P°
C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PμB»).

P—P°C...PIPSCḡCḡPIP°PSPSCḡPīPμC†C-PSPePē, C%Ps P°CīPsC†C-CḡCḡC,CH̄CīCḡ P·
PePsP°PiCīP»PsPīP°C,C-C”Cḡ C,P° PeP»C-PSC-C†PSPs P·PSP°C†CīC%PēPj CḡPēP·PēPePsPj
CḡPsP·PIPēC,PeCī PeCḡPsPIPsC,PμC†C-, PI C,PsPjCī C†PēCīP»C- C†PēCḡPsP· PīPμC†C-PSPePē
PeP»P°CīCī P· C,P° PŸ (P·P° PeP»P°CīPēC„C-PeP°C†C-C”Cḡ P§P°PμP»PrP°Bḡ“PμBḡ™ Cḡ)
(PrPēPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»).

P’C-Pe PīP°C†C-C”PSC,P° PrPs 18 CḡPsPeC-PI.

P’P°PiC-C,PSC-CīC,CH̄ C,P° PiPsPrCīPIP°PSPSCḡ PiCḡCīPrPrCḡ (PrPēPI. CḡPsP·PrC-P»
B«P—P°CīC,PSCīCīPIP°PSPSCḡ Cī PīPμCḡC-PsPr PIP°PiC-C,PSPsCīC,C- P°P±Ps
PiPsPrCīPIP°PSPSCḡ PiCḡCīPrPrCḡB»).

B

PhCīPsP±P»PēPIC- P·P°C...PsPrPē P±PμP·PīPμPePē.

PμPsPrCḡC-P±PSPμPSPSCḡ C,P°P±P»PμC,PsPe

PŸP°P±P»PμC,PePē CḡPēPIP°CḡPsPeCīP°P±P°PSCr PjPsP¶PSP° PīPsPrCḡC-P±PSPēC,Pē C,P°
CīCīCīPīPμPSPPrCīPIP°C,Pē Cī 50 PjP» PIPsPrPē P· PIPiPμPrPμPSPSCḡPj P·P°
PrPsPīPsPjPsPiPsCḡ PSP°P·PsPiP°CīC,CḡP°P»CH̄PSPsPiPs P·PsPSPrP° P°P±Ps
CēP»CīPSPePsPIPsPiPs P·PsPSPrP° PrP»Cḡ PīPsPrCīPIP°PSPSCḡ PīC-CīP»Cḡ
PīPμCḡPμPIC-CḡPePē PīCḡP°PIPēP»CH̄PSPsCīC,C- PμPsPiPs CḡPsP·C,P°CēCīPIP°PSPSCḡ Cī
CēP»CīPSPeCī. PμC-CīP»Cḡ C†PsPiPs P·PsPSPr CīP»C-Pr PīCḡPsPjPēC,Pē PIPsPrPsCḡ.
PhCīPeC-P»CH̄PePē PICīPjPsPeC,CīPIP°PSPSCḡ CḡPēPIP°CḡPsPeCīP°P±P°PSCr
P·P°P»PμP¶PēC,CH̄ PIC-Pr PjC-CīC†Cḡ PIPēPIC-P»CH̄PSPμPSPSCḡ P°PeC,PēPIPSPsC—
CḡPμC†PsPIPēPSPē, CīP»C-Pr CīPSPēPeP°C,Pē PIPiPμPrPμPSPSCḡ
CḡPēPIP°CḡPsPeCīP°P±P°PSCr PrPēCīC,P°P»CH̄PSPs PI CēP»CīPSPsPe, PsCīPeC-P»CH̄PePē
C†Pμ PjPsP¶Pμ PīCḡPēP·PIPμCīC,Pē PrPs P·PjPμPSCēPμPSPSCḡ P°P±CīPsCḡP±C†C-C— C,P°,
PsC,P¶Pμ, PrPs P·PjPμPSCēPμPSPSCḡ PIPiP»PēPICr P°PeC,PēPIPSPsC— CḡPμC†PsPIPēPSPē.
PμC-CīP»Cḡ PIPiPμPrPμPSPSCḡ C,P°P±P»PμC,PsPe PīPs 10 PjPi PSPμPjP°C”
PSPμPsP±C...C-PrPSPsCīC,C- PsPrCḡP°P·Cī PIPiPsPrPēC,Pē PμPSC,PμCḡP°P»CH̄PSPμ
PiPsPrCīPIP°PSPSCḡ.

***P’P·P°C”PjPsPrC-Cḡ P· C-PSCēPēPjPē P»C-PeP°CḡCīCH̄PePēPjPē P·P°CīPsP±P°PjPē C,P°
C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-Pμ.***

РтPSPiC-P±C-C,PsCҗPё CYP3A4 C,P° P-gp

PhPrPSPsC±P°CҗPSPµ P·P°CҗC,PsCҗCҗPIP°PSPSCҗ CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ C,P°
PePµC,PsPePsPSP°P·PsP»Cҗ (400 PjPi 1 CҗP°P·PSP° PrPsP±Cҗ) P°P±Ps CҗPёC,PsPSP°PIC-CҗCҗ
(600 PjPi 2 CҗP°P·Pё PSP° PrPsP±Cҗ) PiCҗPёP·PIPsPrPёP»Ps PrPs 2,6-PeCҗP°C,PSPsPiPs/2,5-
PeCҗP°C,PSPsPiPs PiC-PrPIPёC%PµPSPSCҗ CҗPµCҗPµPrPSCҗPsC—
CҗC-PIPSsPIP°PҗPSPsC— AUC CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ C,P° 1,7-PeCҗP°C,PSPsPiPs/1,6-
PeCҗP°C,PSPsPiPs P·P±C-P»CHCёPµPSPSCҗ CҗPµCҗPµPrPSCҗPsC— Pҗ_{max}
CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ, CҗPePµ CҗCҗPiCҗPsPIPsPrPҗCҗPIP°P»PsCҗCҗ P·PSP°C±PSPёPj
PiPsCҗPёP»PµPSPSCҗPj C„P°CҗPjP°PePsPrPёPSP°PjC-C±PSPёC... PµC„PµPeC,C-PI
P»C-PeP°CҗCҗCHPePsPiPs P·P°CҗPsP±Cҗ, C%Ps PiC-PrPIPёC%CҗC” CҗPёP·PёPe
PeCҗPsPIPsC,PµC±C-. P—PIP°PҗP°CҗC±Pё PSP° CҗPµ, P·P°CҗC,PsCҗCҗPIP°PSPSCҗ
PҗCҗP°CҗPµP»C,PsB® PSPµ CҗPµPePsPjPµPSPҗCҗC”C,CHCҗCҗ PiP°CҗC-C”PSC,P°Pj, CҗPeC-
PsC,CҗPёPjCҗCҗC,CH CҗCҗPiCҗC,PSC” CҗPёCҗC,PµPjPSPµ P»C-PeCҗPIP°PSPSCҗ
PiCҗPsC,PёPiCҗPёP±PePsPIPёPjPё PiCҗPµPiP°CҗP°C,P°PjPё P°P·PsP»CHPSPsC— PiCҗCҗPiPё
C,P°PePёPjPё CҗPe PePµC,PsPePsPSP°P·PsP», C-C,CҗP°PePsPSP°P·PsP»,
PIPsCҗPёPePsPSP°P·PsP» C,P° PiPsP·P°PePsPSP°P·PsP»,P°P±Ps C-PSPiC-P±C-C,PsCҗP°PjPё
P’PҗP»җ”PiCҗPsC,PµP°P·Pё. PҗC- P»C-PeP°CҗCҗCHPeC- P·P°CҗPsP±Pё C” PiPsC,CҗPҗPSPёPjPё
C-PSPiC-P±C-C,PsCҗP°PjPё CYP3A4 C,P° PsPrPSPsC±P°CҗPSPs Pҗҗ”gp (PrPёPI. CҗPsP·PrC-P»
B«PhCҗPsP±P»PёPIPsCҗC,C- P·P°CҗC,PsCҗCҗPIP°PSPSCҗB»).

P PµC±PsPIPёPSPё, CҗPeC- P°PeC,PёPIPSs C-PSPiC-P±CҗCҗC,CH C,C-P»CHPePё PsPrPёPS
P·C- CёP»CҗC...C-PI PIPёPIPµPrPµPSPSCҗ CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ P·
PsCҗPIP°PSC-P·PjCҗ, CYP 3A4 P°P±Ps P-gp, CҗPe PsC±C-PeCҗC”C,CHCҗCҗ,
P·P±C-P»CHCёCҗCҗC,CH PePsPSCҗPµPSC,CҗP°CҗC-C— CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ Cҗ
PiP»P°P·PjC- PjPµPSCёPsCҗ PjC-CҗPsCҗ.

PкP°PiCҗPёPeP»P°Pr, PeP»P°CҗPёC,CҗPsPjC-CҗPёPS (500 PjPi 2 CҗP°P·Pё PSP° PrPsP±Cҗ),
C%Ps C” PiPsC,CҗPҗPSPёPj C-PSPiC-P±C-C,PsCҗPsPj CYP 3A4 C- C-PSPiC-P±C-C,PsCҗPsPj P-gp
CҗPµCҗPµPrPSCҗPsC— C-PSC,PµPSCҗPёPIPSsCҗC,C-, CҗPiCҗPёC±PёPSCҗPI 1,5-
PeCҗP°C,PSPµ P·P±C-P»CHCёPµPSPSCҗ CҗPµCҗPµPrPSC-C... P·PSP°C±PµPSCҗ AUC C,P° 1,4-
PeCҗP°C,PSPµ P·P±C-P»CHCёPµPSPSCҗ Pҗ_{max} CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ.
P’P·P°C”PjPsPrC-Cҗ P· PeP»P°CҗPёC,CҗPsPjC-CҗPёPSPsPj PҗPjPsPIC-CҗPSPs PSPµ C”
PeP»C-PSC-C±PSPs P·PSP°CҗCҗC%PsCҗ PrP»Cҗ P±C-P»CHCёPsCҗC,C- PiP°CҗC-C”PSC,C-PI,
P°P»Pµ PiPsC,PµPSCҗC-PҗPSPs PjPsPҗPµ P±CҗC,Pё P·PSP°CҗCҗC%PsCҗ PrP»Cҗ
PiP°CҗC-C”PSC,C-PI PIPёCҗPsPePsPiPs CҗPёP·PёPeCҗ (C%PsPrPs P·P°CҗC,PsCҗCҗPIP°PSPSCҗ
Cҗ PiP°CҗC-C”PSC,C-PI P·PSPёCҗPePsPIPsCҗ PSPµPrPsCҗC,P°C,PSC-CҗC,Cҗ PrPёPI.
CҗPsP·PrC-P» B«PhCҗPsP±P»PёPIPsCҗC,C- P·P°CҗC,PsCҗCҗPIP°PSPSCҗB»).

P·CҗPёC,CҗPsPjC-CҗPёPS (500 PjPi 3 CҗP°P·Pё PSP° PrPsP±Cҗ), C%Ps PiPsPjC-CҗPSPs
C-PSPiC-P±CҗC” C-P·PsC„PµCҗPjPµPSC, CYP 3A4 C- P-gp, CҗPiCҗPёC±PёPSCҗPI 1,3-
PeCҗP°C,PSPµ P·P±C-P»CHCёPµPSPSCҗ CҗPµCҗPµPrPSC-C... CҗC-PIPSsPIP°PҗPSPёC...
P·PSP°C±PµPSCҗ AUC C- Pҗ_{max} CҗPёPIP°CҗPsPeCҗP°P±P°PSCҗ. P’P·P°C”PjPsPrC-Cҗ P·
PµCҗPёC,CҗPsPjC-CҗPёPSPsPj PҗPjPsPIC-CҗPSPs PSPµ C” PeP»C-PSC-C±PSPs
P·PSP°CҗCҗC%PsCҗ PrP»Cҗ P±C-P»CHCёPsCҗC,C- PiP°CҗC-C”PSC,C-PI, P°P»Pµ
PiPsC,PµPSCҗC-PҗPSPs PjPsPҗPµ P±CҗC,Pё P·PSP°CҗCҗC%PsCҗ PrP»Cҗ PiP°CҗC-C”PSC,C-PI
PIPёCҗPsPePsPiPs CҗPёP·PёPeCҗ.

Pj PiP°CҗC-C”PSC,C-PI P·PSPёCҗPePsPIPsCҗ PSPµPrPsCҗC,P°C,PSC-CҗC,Cҗ P»PµPiPePsPiPs
CҗC,CҗPiPµPSCҗ C,CҗPҗPePsCҗC,C-, PSP° PIC-PrPjC-PSCҗ PIC-Pr PiP°CҗC-C”PSC,C-PI C-P·
PSPsCҗPjP°P»CHPSPsCҗ C„CҗPSPeCҗC-C”Cҗ PSPёCҗPsPe, PiCҗPё P·P°CҗC,PsCҗCҗPIP°PSPSC-
PµCҗPёC,CҗPsPjC-CҗPёPSCҗ (500 PjPi 3 CҗP°P·Pё PSP° PrPsP±Cҗ) PIC-PrP·PSP°C±P°P»Pё 1,8-

PeC₇P^oC, PSP_μ P·C₇PsC₇C, P^oPSPSC₇ C₇P_μC₇P_μPrPSC₇PsPiPs P·PSP^oC₇P_μPSPSC₇ AUC C, P^o 1,6-PeC₇P^oC, PSP_μ P·P_±C-P»CHC€P_μPSPSC₇ P_μ^{max} C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇. P₇ P₇P^oC₇C-C^oPSC, C-PI P·PSP_μC₇PePsPiPsC₇ PSP_μPrPsC₇C, P^oC, PSC-C₇C, C₇ C₇P_μC₇P_μPrPSC₇PsPiPs C₇C, C₇P_μPIP_μPePsC₇C, C- PSP^o C, P»C- P_μC₇P_μC, C₇PsPjC-C₇P_μPSC₇ C₇P_μPsC₇C, P_μC₇C-PiP^oP»P_μ P·P_±C-P»CHC€P_μPSPSC₇ C₇P_μC₇P_μPrPSC₇PsPiPs P·PSP^oC₇P_μPSPSC₇ AUC C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇ PI 2 C₇P^oP·P_μ C- PiC-P_μPIP_μC_μP_μPSPSC₇ C_μ^{max} C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇ PI 1,6 C₇P^oP·P^o P_μPsC₇C-PIPSC₇PS_μ P· P₇P^oC₇C-C^oPSC, P^oPjP_μ P_±P_μP· P_μPsC₇C₇C€P_μPSC₇ C_μ, C₇P_μPeC₇C-C- PSP_μC₇PsPe. P₇P_μP»P_μ P_μC₇P_μC, C₇PsPjC-C₇P_μPSC₇ C^o P^oPrP_μC, P_μPIPSP_μPj PrPs C_μPIP_μC_μ PSP_μC₇PePsPiPsC- PSP_μPrPsC₇C, P^oC, PSP_μC₇C, C- (PrP_μPI. C₇PsP·PrC-P» B«PhC₇PsP_±P»P_μPIPsC₇C, C- P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇IB»).

P_μP»C₇PePsPSP^oP·PsP» (400 PjPi 1 C₇P^oP· PSP^o PrPsP_±C₇) PIP_μP_μP^oC^oC, CHC₇C₇ C-PSPiC-P_±C-C, PsC₇PsPj CYP 3A4 C₇P_μC₇P_μPrPSC₇PsC- C-PSC, P_μPSC₇P_μPIPSP_μC₇C, C-, C- P_μPsPiPs P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ C₇P_μC₇P_μC₇P_μPSC₇Ps 1,4-PeC₇P^oC, PSP_μ P·P_±C-P»CHC€P_μPSPSC₇ C₇P_μC₇P_μPrPSC-C... P·PSP^oC₇P_μPSC₇ AUC C, P^o 1,3-PeC₇P^oC, PSP_μ P·P_±C-P»CHC€P_μPSPSC₇ P_μ^{max} C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇. P₇P·P^oC^oPjPsPrC-C₇ P· C_μ, P»C₇PePsPSP^oP·PsP»PsPj P_μPjPsPIC-C₇PS_μ PSP_μ C^o PeP»C-PSC-C₇PS_μ P·PSP^oC₇C₇PsC₇ PrP»C₇ P_±C-P»CHC€PsC₇C, C- PiP^oC₇C-C^oPSC, C-PI, P^oP»P_μ P_μPsC, P_μPSC₇C-P_μPS_μ PjPsP_μP_μ P_±C₇C, P_μ P·PSP^oC₇C₇PsC₇ PrP»C₇ PiP^oC₇C-C^oPSC, C-PI PIP_μC₇PsPePsPiPs C₇P_μP_μ·P_μPeC₇(C_μPsPrPs P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ PiP^oC₇C-C^oPSC, P^oPj P· PSP_μC₇PePsPiPsC₇ PSP_μPrPsC₇C, P^oC, PSC-C₇C, C₇ PrP_μPI. C₇PsP·PrC-P» B«PhC₇PsP_±P»P_μPIPsC₇C, C- P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇IB»).

P—PIP^oP_μP^oC₇C₇P_μ PSP^o PsP_±PjP_μP_μPSC- PeP»C-PSC-C₇PS_μ- PrP^oPSC- C_μPsPrPs PrC₇PsPSP_μPrP^oC₇PsPSC₇, C₇P»C-Pr C₇PSP_μPeP^oC, P_μ PsPrPSP_μC₇P^oC₇PS_μPiPs P_μPsPiPs P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ P· C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSP_μPj.

PhPSC, P_μPePsP^oPiC₇P»C_μPS_μ, P_μ

P_μC-C₇P»C₇ PePsPjP_±C-PSP_μPIP^oPSP_μPiPs PiC₇P_μP·PSP^oC₇P_μPSPSC₇ P_μPSP_μPeC₇P^oPiP^oC₇P_μPSC₇ (PsPrPSP_μC₇P^oP·PsPiPsC— PrPsP·P_μ 40 PjPi) C- C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇ (PsPrPSP_μC₇P^oP·PsPiPsC— PrPsP·P_μ 10 PjPi) C₇P_μPsC₇C, P_μC₇C-PiP^oPIC₇C₇ P^oPrP_μC, P_μPIPSP_μP_μ P_μC_μ, P_μPeC, PIC-PrPSP_μC₇PS_μ PiC₇P_μPiPSC-C₇P_μPSPSC₇ P^oPeC, P_μPIPSP_μC₇C, C- C_μ, P^oPeC, PsC₇P^o P₇P^o, C_μPs PSP_μ C₇C₇PiC₇PsPiPsPrP_μC₇PIP^oP»PsC₇C₇ PrPsPrP^oC, PePsPiP_μPjP_μ P·PjC-PSP^oPjP_μ PiC₇PsP_± PSP^o P·PiPsC₇C, P^oPSPSC₇ PeC₇PsPIC- [P_μP₇ (PiC₇PsC, C₇PsPjP_±C-PSP_μPIP_μP_μ C₇P^oC₇), P_μP₇P₇ (P^oPeC, P_μPIPsPIP^oPSP_μP_μ C₇P^oC₇C, PePsPiP_μP_μ C, C₇PsPjP_±PsPiP»P^oC₇C, P_μPS_μPIP_μP_μ C₇P^oC₇)]. P·PSP_μPeC₇P^oPiP^oC₇P_μPS PSP_μ P·PjC-PSC₇PIP^oPI C_μ, P^oC₇PjP^oPePsPeC-PSP_μC, P_μPeC₇ C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇.

P₇P_μC₇P_μP· P·P_±C-P»CHC€P_μPSPSC₇ C₇P_μP_μ·P_μPeC₇ C₇PsP·PIP_μC, PeC₇ PeC₇PsPiPsC, P_μC₇ C₇P»C-Pr P· PsP_±P_μC₇P_μP_μPSC-C₇C, C₇ C₇C, P^oPIP_μC, P_μC₇C₇ PrPs PsPrPSP_μC₇P^oC₇PS_μPiPs P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ P· C-PSC€P_μPjP_μ P^oPSC, P_μPePsP^oPiC₇P»C_μPS_μ, P^oPjP_μ (PrP_μPI. C₇PsP·PrC-P»P_μ B«PhC₇PsC, P_μPiPsPeP^oP·P^oPSPSC₇IB» C, P^o B«PhC₇PsP_±P»P_μPIPsC₇C, C- P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇IB»).

P_μC₇C₇, P_μC₇PsC—PrPSC- PiC₇PsC, P_μP·P^oPiP^oP»CHPSC- PiC₇P_μPiP^oC₇P^oC, P_μ
(P_μP_μP—P_μ)/C-PSPiC-P_±C-C, PsC₇P_μ P^oPiC₇P_μPiP^oC₇C— C, C₇PsPjP_±PsC₇P_μC, C-PI

P_μC-C₇P»C₇ PsPrPSP_μC₇P^oC₇PS_μPiPs P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ C₇P_μPIP^oC₇PsPeC₇P^oP_±P^oPSC₇ (15 PjPi) C, P^o 500 PjPi PSP^oPiC₇PsPeC₇P_μPSC₇

PeP»C-PSC-C†PSPs CḡPμP»PμPIP°PSC,PSPsPiPs PīPsPrPsPIP¶PμPSPSCḡ C†P°C†C†
PeCḡPsPIPsC,PμC†C- PSPμ C†PīPsC†C,PμCḡC-PiP°P»PsC†Cḡ. PμCḡPsC,Pμ PI PsPeCḡPμPjPëC...
PsC†C-P± PjPsP¶P»PëPIP° P±C-P»CHC€ PIPëCḡP°P¶PμPSP°
C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSP° PIC-PrPīPsPIC-PrCH.

PkPμ C†PīPsC†C,PμCḡC-PiP°P»PsC†Cḡ PeP»C-PSC-C†PSPs P·PSP°C†C†C%PëC...
C,,P°CḡPjP°PePsPeC-PSPμC,PëC†PSPëC... P°P±Ps C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSPëC...
PIP·P°C”PjPsPrC-PNḡ PīCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC-
PḡC†P°CḡPμP»C,PsB® C,P° 500 PjPi P°C†PμC,PëP»C†P°P»C-C†PëP»PsPIPsC— PePëC†P»PsC,Pë.

PkPμ PIPëCḡPIP»PμPSPs C,,P°CḡPjP°PePsPeC-PSPμC,PëC†PSPsC— PIP·P°C”PjPsPrC-C— PjC-P¶
CḡPëPIP°CḡPsPeC†P°P±P°PSPsPj (15 PjPi) C- PeP»PsPīC-PrPsPiCḡPμP»PμPj
(PSP°PIP°PSC,P°P¶C†PIP°P»CHBSP° PrPsP·P° Bḡ” 300 PjPi C-P· PīPsPrP°P»CHC€PëPj
PīCḡPëP·PSP°C†PμPSPSCḡPj PīC-PrC,CḡPëPjC†CḡC†PëC... PrPsP· 75 PjPi), P°P»Pμ PI
PīC-PrPiCḡC†PīC- PīP°C†C-C”PSC,C-PI PIPëCḡPIP»PμPSPs CḡPμP»PμPIP°PSC,PSPμ
P·P±C-P»CHC€PμPSPSCḡ C,CḡPëPIP°P»PsC†C,C- PeCḡPsPIPsC,PμC†C-, C%Ps PSPμ
PePsCḡPμP»CḡPIP°P»Ps P· P°PiCḡPμPiP°C†C-C”Cḡ C,CḡPsPjP±PsC†PëC,C-PI C-
CḡC-PIPSCḡPjPë P -PḡPμP»PμPeC,PëPSC† P°P±Ps GPIIb/ IIIa-CḡPμC†PμPīC,PsCḡC-PI.

PkPμPsP±C...C-PrPSPs PrPsC,CḡPëPjC†PIP°C,PëC†Cḡ PsP±PμCḡPμP¶PSPsC†C,C- PīCḡPë
PīCḡPëP·PSP°C†PμPSPSC- CḡPëPIP°CḡPsPeC†P°P±P°PSC† PīP°C†C-C”PSC,P°Pj, CḡPeC-
PsPrPSPsC†P°C†PSPs P·P°C†C,PsC†PsPIC†CḡC,CH PkPμP—P— (PIPeP»CḡC†P°CḡC†Pë
P°C†PμC,PëP»C†P°P»C-C†PëP»PsPIC† PePëC†P»PsC,C†) C,P° C-PSPiC-P±C-C,PsCḡPë
P°PiCḡPμPiP°C†C-C— C,CḡPsPjP±PsC†PëC,C-PI, PsC†PeC-P»CHPePë C†C-
P»C-PeP°CḡC†CHPeC- P·P°C†PsP±Pë P·P°P·PIPëC†P°PNḡ PīC-PrPIPëC%C†CḡC,CH CḡPëP·PëPe
PeCḡPsPIPsC,PμC† (PrPëPI. CḡPsP·PrC-P» B«PhC†PsP±P»PëPIPsC†C,C-
P·P°C†C,PsC†C†PIP°PSPSCḡB»).

PḡPμP»PμPeC,PëPIPSC- C-PSPiC-P±C-C,PsCḡPë P·PIPsCḡPsC,PSPsPiPs P·P°C...PsPīP»PμPSPSCḡ
C†PμCḡPsC,PsPSC-PSC† (PḡP†P—P—Pḡ) / C-PSPiC-P±C-C,PsCḡPë P·PIPsCḡPsC,PSPsPiPs
P·P°C...PsPīP»PμPSPSCḡ C†PμCḡPsC,PsPSC-PSC†-PSPsCḡPμPīC-PSPμC,CḡPëPSC†
(P†P—P—PḡPk)

PīPe C- PīCḡPë P·P°C†C,PsC†C†PIP°PSPSC- C-PSC€PëC... P°PSC,PëPePsP°PiC†P»CḡPSC,C-PI,
PīC-PrPIPëC%C†C”C,CHC†Cḡ CḡPëP·PëPe CḡPsP·PIPëC,PeC† PeCḡPsPIPsC,PμC† C†
PīP°C†C-C”PSC,C-PI, CḡPeC- PsPrPSPsC†P°C†PSPs P·P°C†C,PsC†PsPIC†CḡC,CH PḡP†P—P—Pḡ
P°P±Ps P†P—P—PḡPk PIPSP°C†P»C-PrPsPe PIPiP»PëPIC† PsC†C,P°PSPSC-C... PSP°
C,CḡPsPjP±PsC†PëC,Pë. PμCḡPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC- P·
CḡPëPIP°CḡPsPeC†P°P±P°PSPsPj C† C...PsPrC- PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCḡ
C†PīPsC†C,PμCḡC-PiP°P»P°C†Cḡ P±C-P»CHC€P° PeC-P»CHPeC-C†C,CH PeP»C-PSC-C†PSPs
P·PSP°C†C†C%PëC... PeCḡPsPIPsC,PμC† PI C†C†C-C... PīCḡC†PīP°C... C,PμCḡP°PīC-C—.

P’P°CḡC,,P°CḡPëPS

PμCḡPë PīPμCḡPμC...PsPrC- PīP°C†C-C”PSC,C-PI P· P°PSC,P°PiPsPSC-C†C,C† PIC-C,P°PjC-PSC†
Pḡ PIP°CḡC,,P°CḡPëPSC† (PḡPkP’ 2,0 Bḡ” 3,0) PSP° CḡPëPIP°CḡPsPeC†P°P±P°PS
(20 PjPi) P°P±Ps P· CḡPëPIP°CḡPsPeC†P°P±P°PSC† (20 PjPi) PSP° PIP°CḡC,,P°CḡPëPS (PḡPkP’
2,0Bḡ”3,0) PīCḡPsC,CḡPsPjP±C-PSPsPIPëPNḡ C†P°C† C,P° PḡPkP’ (C,PμC†C, Neoplastin)
P·P±C-P»CHC€C†PIP°P»PëC†Cḡ P±C-P»CHC€ CḡPe P°PrPëC,PëPIPSs
(PIC-PrP·PSP°C†P°P»PëC†Cḡ PsPeCḡPμPjC- P·PSP°C†PμPSPSCḡ PḡPkP’ PrPs 12), C† C,PsPNḡ
C†P°C† CḡPe PIPiP»PëPI PSP° PḡPḡPḡ, C-PSPiC-P±C†PIP°PSPSCḡ P°PeC,PëPIPSsC†C,C-
C,,P°PeC,PsCḡP° Xa C,P° PμPSPPrPsPiPμPSPSPëPNḡ C,CḡPsPjP±C-PSPsPIPëPNḡ

PIPsC, PμPSC†C-P°P» (P•PŷPμ) P±C†P»Pë P°PrPëC, PëPIPSPëPjPë.

PİPeC%Ps P±P°P¶P°PSPs PİPμCĤPμPIC-CĤPëC, Pë C,, P°CĤPjP°PePsPrPëPSP°PjC-C†PSC-
PμC,, PμPeC, Pë CĤPëPIP°CĤPsPeC†P°P±P°PSC† PİC-Pr C†P°C† PİPμCĤC-PsPrC†
PİPμCĤPμC...PsPrC†, PjPsP¶C†C, CH P±C†C, Pë PIPëPePsCĤPëC†C, P°PSC- C, PμC†C, Pë PSP°
PIPëP·PSP°C†PμPSPSC† P°PeC, PëPIPSPsC†C, C- P°PSC, Pë-Xa, PiCT C- HepTest,
PsC†PeC-P»CHPePë PIP°CĤC,, P°CĤPëPS PSPμ PIPİP»PëPIP°C” PSP° CĤPμP·C†P»CHC, P°C, Pë
C†PëC... C, PμC†C, C-PI. PμPsC†PëPSP°CĤC†Pë P· 4 PrPsP±Pë PİC-C†P»C† PIC-PrPjC-PSPë
PIP°CĤC,, P°CĤPëPSC† C- PI PİPsPrP°P»CHC€PsPjC† PIC†C- C, PμC†C, Pë (PIPeP»CĤC†P°CĤC†Pë
PμPŷ, PĥPŷPŷ, C-PSPiC-P±C†PIP°PSPSC† P°PeC, PëPIPSPsC†C, C- C,, P°PeC, PsCĤP° Xa C, P°
P•PŷPμ) PIC-PrPsP±CĤP°P¶P°CĤC, CH P»PëC€Pμ PμC,, PμPeC, CĤPëPIP°CĤPsPeC†P°P±P°PSC†.

PİPeC%Ps P±P°P¶P°PSPs PİPμCĤPμPIC-CĤPëC, Pë C,, P°CĤPjP°PePsPrPëPSP°PjC-C†PSC-
PμC,, PμPeC, Pë PIP°CĤC,, P°CĤPëPSC† PİC-Pr C†P°C† PİPμCĤC-PsPrC† PİPμCĤPμC...PsPrC†,
PjPsP¶PSP° PIPëPePsCĤPëC†C, P°C, Pë PIPëP·PSP°C†PμPSPSC† PĥPĶP’ PİCĤPë
PrPsC†C†PİPSPμPSPSC- Pŷ_{min} CĤPëPIP°CĤPsPeC†P°P±P°PSC† (C†PμCĤPμP· 24 PİPsPrPëPSPë
PİC-C†P»C† PİCĤPëPμPsPjC† PİPsPİPμCĤPμPrPSCĤPsC— PrPsP·Pë
CĤPëPIP°CĤPsPeC†P°P±P°PSC†), PsC†PeC-P»CHPePë C† C†PμPNë PjPsPjPμPSC,
CĤPëPIP°CĤPsPeC†P°P±P°PS PSP°PNëPjPμPSC€Pμ PIPİP»PëPIP°C” PSP° CĤPμP·C†P»CHC, P°C, Pë
C, PμC†C, C† PĥPĶP’.

PĥC-P¶ PIP°CĤC,, P°CĤPëPSPsPj C, P° CĤPëPIP°CĤPsPeC†P°P±P°PSPsPj PSPμ
PIC-PrP·PSP°C†PμPSPs C,, P°CĤPjP°PePsPeC-PSPμC, PëC†PSPsC— PIP·P°C”PjPsPrC-C—.

P†PSP†C†PeC, PsCĤPë CYP3A4

PĥPrPSPsC†P°C†PSPμ P·P°C†C, PsC†C†PIP°PSPSC† CĤPëPIP°CĤPsPeC†P°P±P°PSC† C, P°
CĤPëC,, P°PjPİC-C†PëPSC†, C%Ps C” C†PëP»CHPSPëPj C-PSP†C†PeC, PsCĤPsPj CYP 3A4 C- P-gp,
PİCĤPëP·PIP†PrPëP»Ps PrPs PİCĤPëP±P»PëP·PSPs 50 % P·PSPëP¶PμPSPSC†
C†PμCĤPμPrPSCĤPsC— AUC CĤPëPIP°CĤPsPeC†P°P±P°PSC† C, P° PİP°CĤP°P»PμP»CHPSPsPİPs
P·PjPμPSC€PμPSPSC† PNëPsPİPs C,, P°CĤPjP°PePsPrPëPSP°PjC-C†PSPëC... PμC,, PμPeC, C-PI.
PĥPrPSPsC†P°C†PSPμ P·P°C†C, PsC†C†PIP°PSPSC† CĤPëPIP°CĤPsPeC†P°P±P°PSC† P·
C-PSC€PëPjPë C†PëP»CHPSPsPrC-CĤC†PëPjPë C-PSP†C†PeC, PsCĤP°PjPë CYP3A4
(PSP°PİCĤPëPeP»P°Pr C,, PμPSC-C, PsC—PSPsPj, PeP°CĤP±P°PjP°P·PμPİC-PSPsPj,
C,, PμPSPsP±P°CĤP±C-C, P°P»PsPj P°P±Ps P·P°C†PsP±P°PjPë PSP° PsC†PSPsPIC-
P·PIC-CĤPsP±PsCĤ) C, P°PePsP¶ PjPsP¶Pμ C†PİCĤPëC†PëPSPëC, Pë P·PSPëP¶PμPSPSC†
PePsPSC†PμPSC, CĤP°C†C-PNë CĤPëPIP°CĤPsPeC†P°P±P°PSC† C† PİP»P°P·PjC- PeCĤPsPIC-.
PŷPsPjC† C†P»C-Pr C†PSPëPeP°C, Pë PsPrPSPsC†P°C†PSPsPİPs PİCĤPëP·PSP°C†PμPSPSC† P·
P»C-PeP°CĤC†CHPePëPj P·P°C†PsP±PsPj PİPsC, C†P¶PSPëC... C-PSP†C†PeC, PsCĤC-PI CYP3A4,
PsPeCĤC-Pj PIPëPİP°PrPeC-PI, PePsP»Pë P·P°P±PμP·PİPμC†PμPSPs CĤPμC, PμP»CHPSPëPNë
PSP°PİP»C†Pr P·P° PİP°C†C-C”PSC, PsPj P· PjPμC, PsCĤ PIPëC†PIP»PμPSPSC† PsP·PSP°Pe C, P°
C†PëPjPİC, PsPjC-PI C, CĤPsPjP±PsP·C†.

P†PSC€C- P»C-PeP°CĤC†CHPeC- P·P°C†PsP±Pë C†C†PİC†C, PSCHPsC— C, PμCĤP°PİC-C—

PĶPμ PIC-PrP·PSP°C†P°P»PsC†C† PeP»C-PSC-C†PSPs P·PSP°C†C†C%PëC...
C,, P°CĤPjP°PePsPeC-PSPμC, PëC†PSPëC... P°P±Ps C,, P°CĤPjP°PePsPrPëPSP°PjC-C†PSPëC...
PIP·P°C”PjPsPrC-PNë PİCĤPë PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC-
CĤPëPIP°CĤPsPeC†P°P±P°PSC† P· PjC-PrP°P·PsP»P°PjPsPj (C†C†P±C†C, CĤP°C, CY3A4),
PrPëPİPsPeC†PëPSPsPj (C†C†P±C†C, CĤP°C, P-gp), P°C, PsCĤPIP°C†C, P°C, PëPSPsPj
(C†C†P±C†C, CĤP°C, CYP3A4 C, P° P-gp) P°P±Ps PsPjPμPİCĤP°P·PsP»PsPj (C-PSPiC-P±C-C, PsCĤ
PİCĤPsC, PsPSPSPsC— PİPsPjPİPë). P PëPIP°CĤPsPeC†P°P±P°PS PSPμ PİCĤPëPİPSC-C†C†C” C-

PSP_μ C-PSPrCfPeCfC" P±CfPrCHb-ClPeC- PIP°P¶P»PëPIC- C-P·PsC,,PsC¶PjPë
C†PëC,PsC...C¶PsPjCf CYP, C,P°PeC- ClPe CYP3A4.

PkPμ PIC-PrP·PSP°C†PμPSPs P±CfPrCHb-ClPePëC... PeP»C-PSC-C†PSPs P·PSP°C†CfC%PëC...
PIP·P°C"¶PjPsPrC-PNë P· C—P¶PμC¶ (PrPëPI. C¶PsP·PrC-P» B«P¶PjPsCfC-P±
P·P°CfC,PsCfCfPIP°PSPSC¶ C,P° PrPsP·PëB»).

P'PjP»PëPI PSP° P»P°P±PsC¶P°C,PsC¶PSC- PjP°C¶P°PjPμC,C¶Pë

P'PjP»PëPI PSP° PjPsPeP°P·PSPëPePë P·PiPsC¶C,P°PSPSC¶ PeC¶PsPIC- (P¶P§, P¶P§P¶P§,
HepTest) C" PjPμC¶PμPrP±P°C†CfPIP°PSPëPNë, P· CfC¶P°C...CfPIP°PSPSC¶Pj
PjPμC...P°PSC-P·PjCf PrC-C— C¶PëPIP°C¶PsPeCfP°P±P°PSCf (PrPëPI. C¶PsP·PrC-P»
B«P¶P°C¶PjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PëPIPsCfC,C-B»).

P¶CfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfC¶PIP°PSPSC¶.

P'PjC¶PsPrPsPIP¶ PjPμC¶C-PsPrCf P»C-PeCfPIP°PSPSC¶ C¶PμPePsPjPμPSPPrCfC"C,CHCfC¶
P·PrC-PNëCfPSC¶PIP°C,Pë PeP»C-PSC-C†PSPëPNë PSP°PiP»C¶Pr, C%Ps PIC-PrPjPsPIC-PrP°C"
PjC¶P°PeC,PëC†C- P·P°CfC,PsCfCfPIP°PSPSC¶ P°PSC,PëPePsP°PiCfP»C¶PSC,C-PI.

P PëP·PëPe C¶PsP·PIPëC,PeCf PeC¶PsPIPsC,PμC†

PjPe C- PjC¶Pë P·P°CfC,PsCfCfPIP°PSPSC- C-PSCëPëC... P°PSC,PëPePsP°PiCfP»C¶PSC,C-PI,
PjP°C†C-C"PSC,Pë, ClPeC- PjC¶PëPNëPjP°C¶C,CH P»C-PeP°C¶CfCHPePëPNë P·P°CfC-P±
P¶CfP°C¶PμP»C,Psò, PjPsPIPëPSPSC- PjPμC¶PμP±CfPIP°C,Pë PjC-Pr C¶PμC,PμP»CHPSPëPj
PSP°PiP»C¶PrPsPj PrP»C¶ PIPëC¶PIP»PμPSPSC¶ PsP·PSP°Pe PeC¶PsPIPsC,PμC†C-
P PμPePsPjPμPSPPrCfC"C,CHCfC¶ P· PsP±PμC¶PμP¶PSC-CfC,C¶ P·P°CfC,PsCfPsPICfPIP°C,Pë
P»C-PeP°C¶CfCHPePëPNë P·P°CfC-P± PjC¶Pë P·P°C...PIPSC¶PIP°PSPSC¶C..., C%Ps
CfCfPjC¶PsPIPsPrP¶CfC¶C,CHCfC¶ PjC-PrPIPëC%PμPSPëPj C¶PëP·PëPePsPj
C¶PsP·PIPëC,PeCf PeC¶PsPIPsC,PμC†. Pj C¶P°P·C- C¶PμC¶PNëPsP·PSPsC— PeC¶PsPIPsC,PμC†C-
P·P°CfC,PsCfCfPIP°PSPSC¶ P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±CfP¶CfP°C¶PμP»C,Psò
PjC¶PëPiPëPSC¶C¶C,CH(PrPëPI. C¶PsP·PrC-P» B«PμPμC¶PμPrPsP·CfPIP°PSPSC¶B»).

Pj PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSPSC¶C... PeC¶PsPIPsC,PμC†C- P·C-
CfP»PëP·PsPIPëC... PsP±PsP»PsPSPsPe (PSP°PjC¶PëPeP»P°Pr, PSPSCfPsPIC-
PeC¶PsPIPsC,PμC†C-, PeC¶PsPIPsC,PμC†C- P· ClCfPμPS, CëP»CfPSPePsPIPs-PePëCëPePsPIC-
PeC¶PsPIPsC,PμC†C-, PeC¶PsPIPsC,PμC†C- P· PsC¶PiP°PSC-PI C¶PμC†PsCfC,P°C,PμPIPsC—
CfPëCfC,PμPjPë, PjPeP»C¶C†P°C¶C†Pë P°PSPsPjP°P»CHPSCf PIP°PiC-PSP°P»CHPSCf
PeC¶PsPIPsC,PμC†Cf P°P±Ps PjPsCfPëP»PμPSPSC¶ PjPμPSCfC,C¶CfP°P»CHPSPsC—
PeC¶PsPIPsC,PμC†C-) C,P° P°PSPμPjC-Cl P·CfCfC,C¶C-C†P°P»PëCfCH C†P°CfC,C-CëPμ PSP°
C,P»C- PrPsPIPiPsC,C¶PëPIP°P»PsC— C,PμC¶P°PiC-C— C¶PëPIP°C¶PsPeCfP°P±P°PSPsPj,
PSC-P¶ PjC¶Pë P»C-PeCfPIP°PSPSC- P°PSC,P°PiPsPSC-CfC,P°PjPë PIC-C,P°PjC-PSCf P¶.
P—PIP°P¶P°C¶C†Pë PSP° C†Pμ, PrPsPrP°C,PePsPIPs PrPs PSP°P»PμP¶PSPsPiPs
PeP»C-PSC-C†PSPsPiPs PSP°PiP»C¶PrCf Cf PIC-PrPiPsPIC-PrPSPëC... PIPëPiP°PrPeP°C...
PrPsC†C-P»CHPSPs PjC¶PsPIPsPrPëC,Pë P»P°P±PsC¶P°C,PsC¶PSCf PjPμC¶PμPIC-C¶PeCf
PiPsPeP°P·PSPëPeC-PI PiPμPjPsPiP»PsP±C-PSCf/PiPμPjP°C,PsPeC¶PëC,Cf P· PjPμC,PsC¶
PIPëC¶PIP»PμPSPSC¶ PIPëPiP°PrPeC-PI PIPSCfC,C¶C-CëPSC-C... PeC¶PsPIPsC,PμC† PrP»C¶
PIPëP·PSP°C†PμPSPSC¶ PeP»C-PSC-C†PSPsC— P·PSP°C†CfC%PsCfC,C- ClPIPsPëC...
PeC¶PsPIPsC,PμC†.

PμPμPIPSC- PeP°C,PμPiPsC¶C-C— PjP°C†C-C"PSC,C-PI, ClPe P·P°P·PSP°C†PμPSPs PSPëP¶C†Pμ,

PjP°CHC,CH PiC-PrPIPëC%PµPSPëPNë CḡPëP·PëPe CḡPsP·PIPëC,PeCí PeCḡPsPIPsC,PµC‡C-.
PŷP°PeC- PiP°C†C-C"°PSC,Pë PiC-CḡP»Cḡ PiPsC‡P°C,PeCí P»C-PeCíPIP°PSPSCḡ PiPsPIPëPSPSC-
PiPµCḡPµP±CḡPIP°C,Pë PiC-Pr CḡPµC,PµP»CHPSPëPj PSP°PiP»CḡPrPsPj PrP»Cḡ
PIPëCḡPIP»PµPSPSCḡ CḡPëPjPiC,PsPjC-PI PiPµPjPsCḡP°PiC-C‡PSPëC...
CḡCḡPeP»P°PrPSPµPSCḡ C- P°PSPµPjC-C— (PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C‡PSC-
CḡPµP°PeC†C-C—B»). P"P»Cḡ PiP°C†C-C"°PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡCHC,CH
P»C-PeP°CḡCḡCHPëPëPNë P·P°CḡC-P± PḡCḡP°CḡPµP»C,PsÒ PrP»Cḡ
PiCḡPsC,,C-P»P°PeC,PëPePë P'PŷP· PiC-CḡP»Cḡ PsPiPµCḡP°C,PëPIPsPsPiPs
PIC,CḡCḡC‡P°PSPSCḡ P· PµPSPPrPsPiCḡPsC,PµP·CḡPIP°PSPSCḡ PeCḡP»CHC€PsPIPsPiPs C‡Pë
PePsP»C-PSPSPsPiPs CḡCḡPiP»PsP±C-PI,CḡPµPePsPjPµPSPPrCḡCHC,CHCḡCḡ
CḡPµPiCḡP»CḡCḡPSC- PjPµPrPëC‡PSC- PsPiP»CḡPrPë, CḡPµC,PµP»CHPSPµ
CḡPiPsCḡC,PµCḡPµP¶PµPSPSCḡ P·P° PrCḡPµPSCḡPIP°PSPSCḡPj C...C-CḡCḡCḡPiC-C‡PSPëC...
CḡP°PS C,P° PiPµCḡC-PsPrPëC‡PSPëPNë PePsPSC,CḡPsP»CH CḡC-PIPsCḡ
PiPµPjPsPiP»PsP±C-PSCḡ.

PµCḡPë P±CḡPrCHC-CḡPePsPjCḡ P·PSPëP¶PµPSPSC- CḡC-PIPsCḡ PiPµPjPsPiP»PsP±C-PSCḡ C‡Pë
P°CḡC,PµCḡC-P°P»CHPSPsPiPs C,PëCḡPeCḡ PSPµP·ḡḡ™ CḡCḡPsPIP°PSPsC—
PµC,C-PsP»PsPiC-C— PSPµPsP±C...C-PrPSPs PIPëCḡPIPëC,Pë PrP¶PµCḡPµP»Ps
PeCḡPsPIPsC,PµC‡C-.

PḡPµP·PIP°P¶P°CHC‡Pë PSP° C,Pµ, C%Ps P»C-PeCḡPIP°PSPSCḡ
CḡPëPIP°CḡPsPeCḡP°P±P°PSPsPj PSPµ PIPëPjP°PiP°C" PiCḡPsPIPµPrPµPSPSCḡ
CḡC,P°PSPPrP°CḡC,PSPsPiPs PjPsPSC-C,PsCḡPëPSPiCḡ PNëPsPiPs PµPeCḡPiPsP·PëC†C-C—,
PIPëP·PSP°C‡PµPSPSCḡ CḡC-PIPsCḡ CḡPëPIP°CḡPsPeCḡP°P±P°PSCḡ P·P° PrPsPiPsPjPsPiPsCḡ
PIC-PrPeP°P»C-P±CḡPsPIP°PSPëC... PeC-P»CHPeC-CḡPSPëC... P°PSC,Pë-C,,P°PeC,PsCḡ PḡP°
C,PµCḡC,C-PI PjPsP¶Pµ PIPëCḡPIPëC,PëCḡCḡ PePsCḡPëCḡPSPëPj Cḡ PIPëPSCḡC,PePsPIPëC...
CḡPëC,CḡP°C†C-CḡC..., PePsP»Pë PIC-PrPsPjPsCḡC,C- PiCḡPs PµPeCḡPiPsP·PëC†C-Cḡ
CḡPëPIP°CḡPsPeCḡP°P±P°PSCḡ P·PrP°C,PSC- PIPiP»PëPSCḡC,Pë PSP° PiCḡPëPNëPSCḡC,C,Cḡ
PeP»C-PSC-C‡PSPëC... CḡC-C€PµPSCḡ, P·PsPeCḡPµPjP° PiCḡPë PiPµCḡPµPrPsP·CḡPIP°PSPSC-
C,P° PµPeCḡC,CḡPµPSPëC... C...C-CḡCḡCḡPiC-C‡PSPëC... PIC,CḡCḡC‡P°PSPSCḡC... (PrPëPI.
CḡPsP·PrC-P» B«PµP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CḡC,PëPIPsCḡC,C-B»).

PḡPëCḡPePsPIP° PSPµPrPsCḡC,P°C,PSC-CḡC,CH

Pj PiP°C†C-C"°PSC,C-PI P· C,CḡP¶PePsCḡ PSPëCḡPePsPIPsCḡ PSPµPrPsCḡC,P°C,PSC-CḡC,CH
(PeP»C-CḡPµPSCḡ PeCḡPµP°C,PëPSC-PSCḡ < 30 PjP»/C...PI) PePsPSC†PµPSC,CḡP°C†C-Cḡ
CḡPëPIP°CḡPsPeCḡP°P±P°PSCḡ Cḡ PiP»P°P·PjC- PeCḡPsPIC- PjPsP¶Pµ CḡCḡC,C,C"PIPs
PiC-PrPIPëC%CḡPIP°C,PëCḡCḡ (PI CḡPµCḡPµPrPSCḡPsPjCḡ Cḡ 1,6 CḡP°P·P°), C%Ps PjPsP¶Pµ
PiCḡPëP·PIPµCḡC,Pë PrPs PiC-PrPIPëC%PµPSPsPiPs CḡPëP·PëPeCḡ PeCḡPsPIPsC,PµC‡C-.

PŷP»C-Pr P· PsP±PµCḡPµP¶PSC-CḡC,CH P·P°CḡC,PsCḡPsPICḡPIP°C,Pë PḡCḡP°CḡPµP»C,PsB®
PiP°C†C-C"°PSC,P°Pj P· PeP»C-CḡPµPSCḡPsPj PeCḡPµP°C,PëPSC-PSCḡ 15-29 PjP»/C...PI.

PḡPµ CḡPµPePsPjPµPSPPrCḡC",CHCḡCḡ P·P°CḡC,PsCḡPsPICḡPIP°C,Pë
P»C-PeP°CḡCḡCHPëPëPNë P·P°CḡC-P± PiP°C†C-C"°PSC,P°Pj C-P· PeP»C-CḡPµPSCḡPsPj
PeCḡPµP°C,PëPSC-PSCḡ < 15 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P»Pë B«PŷPiPsCḡC-P±
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PëB», B«PµP°CḡPjP°PePsP»PsPiC-C‡PSC-
PIP»P°CḡC,PëPIPsCḡC,C-B»).

PḡCḡP°CḡPµP»C,PsB® PSPµPsP±C...C-PrPSPs P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P·
PsP±PµCḡPµP¶PSC-CḡC,CH PiP°C†C-C"°PSC,P°Pj P· PSPëCḡPePsPIPsCḡ
PSPµPrPsCḡC,P°C,PSC-CḡC,CH CḡPµCḡPµPrPSCḡPsPiPs CḡC,CḡPiPµPSCḡ C,CḡP¶PePsCḡC,C-

$$\underline{P'P \cdot P^{\circ}C''P_jPsPrC-Cl} \quad \underline{P \cdot C-PSCEP\ddot{e}P_jP\ddot{e}} \quad \underline{P \gg C-PeP^{\circ}CH_2C\dot{r}CH_2PeP\ddot{e}P_jP\ddot{e}} \quad \underline{P \cdot P^{\circ}C\dot{r}PsP \pm P^{\circ}P_jP\ddot{e}}$$

PkPμPsP±C...C-PrPSPs P±CrC,Pë PsP±PμCḡPμP¶PSPëPjPë PiCḡPë PiCḡPëP·PSP°C‡PμPSPSC-
CḡPëPIP°CḡPsPeCÍP°P±P°PSCr PïP°C†C-C''PSC,P°Pj, CıPpeC- P·P°CÍ'C,PscÍ'PsPICrCḡC,CḤ
P»C-PeP°CḡCÍCHPeC- P·P°CÍ'PsP±Pë, C%oPs PIPiP»PëPIP°CḡC,CḤ PSP° PiPμPjPsCÍ'C,P°P·,
PSP°PiCḡPëPeP»P°Pr PSPμCÍ'C,PμCḡPsC—PrPSC- PiCḡPsC,PëP·P°PïP°P»CḤPSC- P·P°CÍ'PsP±Pë
(PǵPıP—P—), P°C†PμC,PëP»CÍP°P»C-C†PëP»PsPICr PePëCÍP»PsC,Cr C,P°
C-PSPIc-P±C-C,PscḡPë P°PiCḡPμPiP°C†C-C— C,CḡPsPjP±PsC†PëC,C-PI, P°P±Ps
CÍPμP»PμPeC,PëPIPSC- C-PSPIc-P±C-C,PscḡPë P·PIPscḡPsC,PSPsPiPs P·P°C...PsPïP»PμPSPSCIı
CÍPμCḡPsC,PSPSC-PSCr (PŸP†P—P—PŸ) C,P° C-PSPIc-P±C-C,PscḡPë P·PIPsCḡPsC,PSPsPiPs
P·P°C...PsPïP»PμPSPSCIı CÍPμCḡPsC,PSPSC-PSCr-PSPScḡPμPiC-PSPμC,,CḡPëPSCr
(P†P—P—PŸPǵ). PïPeC%oPs C-CÍPSCrC'' CḡPëP·PëPe CḡPsP·PIPëC,PeCÍ PIPëCḡP°P·PePsPIPsC—
C...PIPsCḡPsP±Pë C€P»CrPSPePsPIPs-PePëC€PePsPIPsPiPs C,CḡP°PeC,Cr, CÍP»C-Pr
CḡPsP·PiP»CıPSCrC,Pë PïPëC,P°PSPSCIı PiCḡPs PiCḡPsPIPμPrPμPSPSCIı
PIC-PrPiPsPIC-PrPSPsPiPs PiCḡPsC,,C-P»P°PeC,PëC‡PSPsPiPs P»C-PeCÍPIP°PSPSCIı (PrPëPI.
CḡPsP·PrC-P» B«P'P·P°C''PjPsPrC-CıP P· C-PSC€PëPjPë P»C-PeP°CḡCÍCHPePePëPjPë
P·P°CÍ'PsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNëB»).

PtPSCrC-C, P°PeC, PsCHPë CHPëP·PëPeCr CHPsP·PIPëC, PeCr PeCHPsPIPSc, PµC±

$\text{P}\ddot{\text{P}}\text{e} \text{ C- C-PSC}\epsilon\text{C- P}^\circ\text{PSC, P}\ddot{\text{e}}\text{C, C}\ddot{\text{H}}\text{P}\text{sPjP}\pm\text{PsC, P}\ddot{\text{e}}\text{C}\ddagger\text{PSC- P}\gg\text{C-PeP}^\circ\text{C}\ddot{\text{H}}\text{C}\acute{\text{I}}\text{C}\ddot{\text{H}}\text{PeC- P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{PsP}\pm\text{P}\ddot{\text{e}},$
 $\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PIP}^\circ\text{C}\ddot{\text{H}}\text{PsPeC}\acute{\text{I}}\text{P}^\circ\text{P}\pm\text{P}^\circ\text{PS PSp}\mu\text{PsP}\pm\text{C...C-PrPSPs P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{C, PsC}\acute{\text{I}}\text{PsPIC}\acute{\text{r}}\text{PIP}^\circ\text{C, P}\ddot{\text{e}} \text{ P}\cdot$
 $\text{PsP}\pm\text{P}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\P\text{PSC-C}\acute{\text{I}}\text{C, C}\ddot{\text{H}} \text{ P}\ddot{\text{I}}\text{P}^\circ\text{C}\ddagger\text{C-C}''\text{PSC, P}^\circ\text{Pj P}\cdot \text{P}\ddot{\text{I}}\text{C-PrPIP}\ddot{\text{e}}\text{C}\%_{\text{P}\mu}\text{PSP}\ddot{\text{e}}\text{Pj C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}\ddot{\text{e}}\text{PePsPj}$
 $\text{PeC}\ddot{\text{H}}\text{PsPIP}\text{Sc, P}\mu\text{C}\ddagger\text{C-}, \text{C}\acute{\text{r}} \text{ C, PsPjC}\acute{\text{r}} \text{ C}\ddagger\text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{P}\gg\text{C- P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}} \text{ PSp}^\circ\text{C}\ddot{\text{I}}\text{P}\text{IPSPsC}\acute{\text{I}}\text{C, C-:}$

вЂѢБ Б Б Б Б Б ПІСІПІПІПІПІПІПІС— П°П±Пі ПСП°П±СІС,ПіС— ПіП°С,ПіП»ПіСіС—
 П·ПіПіСІС,П°ПСПСІ ПЕІПІСІС—;

$$\begin{aligned} & \text{B}\ddot{\text{T}}\ddot{\text{y}}\text{B} \text{ B B B B B B } \text{PSP}\mu\text{PePsPSC}, \text{C}\ddot{\text{T}}\text{PsP} \gg \text{CHbPsPIP}^\circ\text{PSPsC} - \text{C}, \text{C}\ddot{\text{U}}\text{P}\ddot{\text{P}}\text{PePsC} - \\ & \text{P}^\circ\text{C}\ddot{\text{T}}\text{C}, \text{PuC}\ddot{\text{T}}\text{C} - \text{P}^\circ\text{P} \gg \text{CHbPSPsC} - \text{PiC} - \text{PiPuC}\ddot{\text{T}}\text{C}, \text{PuPSP} \cdot \text{C} - \text{C} -; \end{aligned}$$

P PëPIP°CḡPsPeCÍP°P±P°PS PSPµ PIPëPIC±P°P»Pë Cr C...PsPrC-
C-PSC,PµCḡPIPµPSC±C-PNëPSPëC... PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCḡ P·
CÍC±P°CÍC,Cḡ PîP°C±C-C°PSC,C-PI PîC-CÍP»Cḡ PsPîPµCḡP°C,PëPIPSPsPiPs
PIC,CḡCÍC±P°PSPSCḡ P· PîCḡPëPIPsPrCr PîPµCḡPµP»PsPjCr CÍC,PµPiPSP°.

РµР°С+С-С"РSC,Рё Р· Р°РSC,РёС,,РsСГ'С,,РsР»С-РiС-РrРSPёРj СГ'РёРSPrСГjРsРjРj

РќРµ СГjРµРёРsРjРµРSPrСrС"С,СНСГ'Сj Р·Р°СГ'С,РsСГ'СrРiР°РSPSCj РiСГjСjРjРёС...
РiРµСГjРsСГjР°Р»СНРSPёС... Р°РSC,РёРёРsР°РiСrР»СjРSC,С-Рi, РiРёР»СГjСrР°СГjРё
СГjРёРiР°СГjРsРёСГ'Р°Р±Р°РS, РiР°С+С-С"РSC,Р°Рj С-Р· С,СГjРsРjР±РsР·РsРj Рi
Р°РSP°РjРSPµР·С- Р· РrС-Р°РiРSPsСГ'С,РsРiР°РSPёРj Р°РSC,РёС,,РsСГ'С,,РsР»С-РiС-РrРSPёРj
СГ'РёРSPrСГjРsРjРj. Р—РsРёСГjРµРjР°, Сr РiР°С+С-С"РSC,С-Рi, СjРёС- РjР°СГjС,СН
РiС-РrС,РiРµСГjРrРjРµРSC- РiРsР·РёС,РёРiРSC- СГjРµР·СrР»СГjС,Р°С,Рё С,РµСГ'С,Сr РrР»Сj
РiСГ'С-С... С,СГjСНРsС... Р°РSC,РёС,,РsСГ'С,,РsР»С-РiС-РrРSPёС... Р°РSC,РёС,С-Р»
(РiРsРiСrР°РёРsРiРёР№ Р°РSC,РёРёРsР°РiСrР»СjРSC,,
Р°РSC,РёРёР°СГjРrС-РsР»С-РiС-РSPsРiС- Р°РSC,РёС,С-Р»Р°, Р°РSC,Рё-Р±РµС,Р°-2-
РiР»С-РёРsРiСГjРsС,РµС—РS Р°РSC,РёС,С-Р»Р°), С,РµСГjР°РiС-Сj РiСГjСjРjРёРjРё
РiРµСГjРsСГjР°Р»СНРSPёРjРё Р°РSC,РёРёРsР°РiСrР»СjРSC,Р°РjРё РjРsРjРµ Р±СrС,Рё
РiРsРiСГjСjРµСjРµР°СjР·Р°РSP° С-Р· РiС-РrРiРёС%РµРµРSPSCjРj СГjРёР·РёРёСr РiРsРiС,РsСГjРSPёС...
С,СГjРsРjР±РsС,РёСrРSPёС... СjРiРёС% Сr РiРsСГjС-РiРSCjРSPSC- С-Р· С,Р°РёРёРjРё РiСГjРё
С,РµСГjР°РiС-С— Р°РSC,Р°РiРsРSC-СГ'С,Р°РjРё РiС-С,Р°РjС-РSCr Ръ.

РµР°С+С-С"РSC,Рё Р· РjР·Р·Рj С,Р° РSPµСГ'С,Р°Р±С-Р»СНРSPёРjРё
РiРµРjРsРrРёРSP°РjС-СrРSPёРjРё РiР°СГjР°РjРµС,СГjР°РjРё Р°Р±Рs С...РiРsСГjС-, СjРёРёРj
РSPµРsР±С...С-РrРSPёР№ С,СГjРsРjР±РsР»С-Р·РёСГ' СrРё Р»РµРiРµРSPµРiР°
РµРjР±РsР»РµС,РsРjС-Сj

РќРµ СГjРµРёРsРjРµРSPrСrС"С,СНСГ'Сj Р·Р°СГ'С,РsСГ'РsРiСrРiР°С,Рё
Р»С-РёР°СГjСГ'СНРёРёР№ Р·Р°СГ'С-Р± РъСГ'Р°СГjРµР»С,РsБ® СjРё
Р°Р»СГjС,РµСГjРSP°С,РёРiСr РSPµС,,СГjР°РёС+С-РsРSPsРiР°РSPsРjСr РiРµРiР°СГjРёРSPCr
РrР»Сj РiР°С+С-С"РSC,С-Рi Р· Р»РµРiРµРSPµРiРsСГj РµРjР±РsР»С-С"СГj, СjРёС- РjР°СГjС,СН
РSPµСГ'С,Р°Р±С-Р»СНРSC- РiРµРjРsРrРёРSP°РjС-СrРSC- РiР°СГjР°РjРµС,СГjРё Р°Р±Рs
РjРsРjРµСrС,СН РiСГjРsС...РsРrРёС,Рё РiСГjРsСrРµРrСrСГjСr С,СГjРsРjР±РsР»С-Р·РёСГ'Сr СrРё
Р»РµРiРµРSPµРiРsС— РµРjР±РsР»РµС,РsРjС-С—, РsСГ'РёС-Р»СНРёРё Р±РµР·РiРµРёСr С,Р°
РµС,,РµРёС,РёРiРSC-СГ'С,СН Р»С-РёР°СГjСГ'СНРёРёРs Р·Р°СГ'РsР±Сr РъСГ'Р°СГjРµР»С,РsБ®
Сr СrРёС... РёР»С-РSC-СrРSPёС... СГ'РёС,СrР°С+С-СjС... РSPµ РiСГ'С,Р°РSPsРiР»РµРSPs.

СРiРёРSPSPsРjРsР·РёРsРiР° (РµРiС-РrСrСГjР°Р»СНРSP°/СГ'РiС-РSP°Р»СНРSP°)
Р°РSPµСГ'С,РµР·С-Сj Р°Р±Рs РiСrРSPёС+С-Сj

РµСГjРё РSPµР№СГjРsР°РёСГ'С-Р°Р»СНРSC-Р№ Р°РSPµСГ'С,РµР·С-С—
(РµРiС-РrСrСГjР°Р»СНРSC-Р№/СГ'РiС-РSP°Р»СНРSC-Р№ Р°РSPµСГ'С,РµР·С-С—) Р°Р±Рs
РiРёРёРsРSP°РSPSC- СГ'РiС-РSP°Р»СНРSPsС—/РµРiС-РrСrСГjР°Р»СНРSPsС— РiСrРSPёС+С-С—
С-СГ'РSCrС" СГjРёР·РёРёСГjРsР·РёРsРiРsС— РiРµРjР°С,РsРjРё, С%Рs РjРsРjРµ РiСГjРёРiРµСГ'С,Рё РrРs
С,СГjРёРiР°Р»РsРiРs СrРё РSPµРsР±РsСГjРsС,РSPsРiРs РiР°СГjР°Р»С-СrСr, Сr
РiР°С+С-С"РSC,С-Рi, СjРёС- Р·Р°СГ'С,РsСГ'РsРiСrСГjС,СН Р°РSC,РёС,СГjРsРjР±РsС,РёСrРSC-
Р·Р°СГ'РsР±Рё РrР»Сj РiСГjРsС,,С-Р»Р°РёС,РёРёРё С,СГjРsРjР±РsРµРjР±РsР»С-СrРSPёС...
СrСГ'РёР»Р°РrРSPµРSCH.

Р РёР·РёРё СrРёС... СrСГ'РёР»Р°РrРSPµРSCH РiС-РrРiРёС%СrС"С,СНСГ'Сj РiСГjРё
РiРёРёРsСГjРёСГ'С,Р°РSPSC- РiРsСГ'С,С-Р№РSPёС... РµРiС-РrСrСГjР°Р»СНРSPёС...
РёР°С,РµС,РµСГjС-Рi Р°Р±Рs СГ'СrРiСrС,РSCHРsРjСr Р·Р°СГ'С,РsСГ'СrРiР°РSPSC-
Р»С-РёР°СГjСГ'СНРёРёС..., С%Рs РiРiР»РёРiР°СГjС,СН РSP° РiРµРjРsСГ'С,Р°Р·.
РjСГjР°РiРjР°С,РёСrРSP° Р°Р±Рs РiРsРiС,РsСГjРSP° РµРiС-РrСrСГjР°Р»СНРSP° Р°Р±Рs
СГ'РiРёРSPSPsРjРsР·РёРsРiР° РiСrРSPёС+С-С— С,Р°РёРsРj РjРsРjСrС,СН СГ'РiСГjРёСjС,Рё
РiС-РrРiРёС%РµРµРSPSC СГjРёР·РёРёСr РiРёР°Р·Р°РSPёС... СrСГ'РёР»Р°РrРSPµРSCH.

РμР°С†С-С"РSC,Рө РїРsРІРөРSPSC- РїРμСҢРμР±С†РІР°С,Рө РїС-Рr
С†РїРsС†С,РμСҢРμР¶РμРSPSCІРј РrР»СІ РІРөСІРІР»РμРSPSCІ РsР·РSP°Рө Р°Р±Рs
С†РөРјРїС,РsРјС-РІ РSPμРІСҢРsР»РsРіС-С†РSPөС... СҢРsР·Р»Р°РrС-РІ (РSP°РіСҢРөРөР»Р°Рr
РsРSC-РјС-РSPSCІ Р°Р±Рs РІС-РrС†С†С,С,СІ С†Р»Р°Р±РsС†С,С- С† РSPsРіР°С...,
РrРөС†С,,С†РSPөС†С-С— РөРөС€РμС†РSPөРөС† Р°Р±Рs С†РμС†РsРІРsРіРs РјС-С...С†СҢР°).
РμСҢРө РІРөСІРІР»РμРSPSC- РSPμРІСҢРsР»РsРіС-С†РSPsРіРs РrРμС,,С-С†РөС,С†
РSPμРsР±С...С-РrРSC- С,РμСҢРјС-РSPsРІР° РrС-Р°РіРSPsС†С,РөРөР° С,Р°
Р»С-РөС†РІР°РSPSCІ. Р»С-РөР°СҢ РїРsРІРөРSPμРS РsС†С-РSPөС,Рө РїРsС,РμРSC†С-РNөРSC†
РөРsСҢРөС†С,СҢ С- СҢРөР·РөРө РїРμСҢРμРr РіСҢРsРІРμРrРμРSPSCІРј С,Р°РөРsРіРs
РІС,СҢС†С†Р°РSPSCІ С† РїР°С†С-С"РSC,С-РІ, СІРөС- Р°Р°С†С,РsС†РsРІС†СҢС,СҢ
Р°РSC,РөРөРsР°РіС†Р»СІРSC,Рө Р°Р±Рs РіРsС,С†СҢС,СҢС†СІ РrРs
Р°Р°С†С,РsС†С†РІР°РSPSCІ Р°РSC,РөРөРsР°РіС†Р»СІРSC,С-РІ Р· РјРμС,РsСҢ
РіСҢРsС,,С-Р»Р°РөС,РөРөРө С,СҢРsРјР±РsР·С†.

Р"Р»СІ Р·РSPөР¶РμРSPSCІ РїРsС,РμРSC†С-РNөРSPsРіРs СҢРөР·РөРөС† РөСҢРsРІРsС,РμС†С-
Р°С†РsС†С-РNөРsРІР°РSPsС— С-Р· РsРrРSPsС†Р°С†РSPөРј Р°Р°С†С,РsС†С†РІР°РSPSCІРј
СҢРөРІР°Р°СҢРsРөС†Р°Р±Р°РSC† С,Р° С†РіРіРөРSPSPsРјРsР·РөРsРІРsСҢ
(РμРіС-РrС†СҢР»Р»СҢРSPsСҢ/С†РіС-РSP°Р»СҢРSPsСҢ) Р°РSPμС†С,РμР·С-С"СҢ Р°Р±Рs
РіС†РSPөС†С-С"СҢ РSPμРsР±С...С-РrРSPs Р±СҢР°С,Рө РrРs С†РІР°РіРө
С,,Р°СҢРјР°РөРsРөС-РSPμС,РөС†РSPөРNө РіСҢРsС,,С-Р»СҢ СҢРөРІР°Р°СҢРsРөС†Р°Р±РаРSC†.
Р°С†С,Р°РSPsРІР»РμРSPSCІ Р°Р±Рs РІРөР»С†С†РμРSPSCІ РμРіС-РrС†СҢР»Р»СҢРSPsРіРs
РөР°С,РμС,РμСҢР° Р°Р±Рs Р»СҢРјР±Р±Р»СҢРSPsС— РіС†РSPөС†С-С— РSP°РNөРөСҢР°С%Рμ
РіСҢРsРІРsРrРөС,Рө, РөРsР»Рө РsС†С-РөС†С"С,СҢС†СІ С†Р»Р»Р°Р±РөРNө
Р°РSC,РөРөРsР°РіС†Р»СІС†С-РNөРSPөРNө РμС,,РμРөС, СҢРөРІР°Р°СҢРsРөС†Р°Р±РаРSC† (РrРөРІ.
СҢРsР·РrС-Р» В«Р»Р°СҢРјРјРөРsРөС-РSPμС,РөС†РSC- РІР»Р°С†С,РөРІРsС†С,С-В»).

Р·РіС-РrС†СҢР»Р»СҢРSPөРNө РөР°С,РμС,РμСҢ РІРөР»С†С†Р°С,Рө РSPμ СҢР°РSC-С€Рμ РSC-Р¶
С†РμСҢРμР· 18 РіРsРrРөРS РіС-С†Р»СІ РіСҢРөР·РSP°С†РμРSPSCІ РsС†С,Р°РSPSCҢРsС—
РrРsР·Рө СҢРөРІР°Р°СҢРsРөС†Р°Р±РаРSC†. Р РөРІР°Р°СҢРsРөС†Р°Р±РаРSP РіСҢРөРNөРјР°С,Рө
РіСҢРsС,СІРіРsРј РіРμСҢС€РөС... 6 РіРsРrРөРS РіС-С†Р»СІ РІРөР»С†С†РμРSPSCІ
РμРіС-РrС†СҢР»Р»СҢРSPsРіРs РөР°С,РμС,РμСҢР°.

Рј РІРөРіР°РrРөС† С,СҢР°РІРјР°С,РөС†РSPsС— РіС†РSPөС†С-С— РіСҢРөР·РSP°С†РμРSPSCІ
СҢРөРІР°Р°СҢРsРөС†Р°Р±РаРSC† РІР°СҢС,Рs РІС-РrРөР»Р°С†С,Рө РSP° 24 РіРsРrРөРSPө.

Р РμРөРsРјРμРSPrР°С†С-С— С%РsРrРs РrРsР·С†РІР°РSPSCІ Р»С-РөР°СҢС†СҢРөРsРіРs
Р°Р°С†РsР±С† РrРs С,Р° РіС-С†Р»СІ С-РSPІР°Р·РөРІРSPөС... РіСҢРsС†РμРrС†СҢ С-
С...С-СҢС†СҢРіС-С†РSPsРіРs РІС,СҢС†С†Р°РSPSCІ (С-РSC€РөС..., РSC-Р¶
РμРSPrРsРіСҢРsС,РμР·С†РІР°РSPSCІ РөС†Р»СҢС€РsРІРsРіРs С†Рө РөРsР»С-РSPSPsРіРs
С†С†РіРіР»РsР±С-РІ)

Рј СҢР°Р·С- РSPμРsР±С...С-РrРSPsС†С,С- С-РSPІР°Р·РөРІРSPөС... РіСҢРsС†РμРrС†СҢ Р°Р±Рs
С...С-СҢС†СҢРіС-С†РSPөС... РІС,СҢС†С†Р°РSCҢ Р°Р°С†С,РsС†С†РІР°РSPSCІ
Р»С†Р°СҢРμР»С,РsВ® 10 РјРі С†Р»СІ С-Рr РіСҢРөРіРөРSPөС,Рө СІРө РјС-РSC-РјС†Рј Р·Р°
РіРsРrРөРSPө РrРs РіРsС†Р°С,РөС† РІС,СҢС†С†Р°РSPSCІ, СІРөС%Рs С†Рμ РјРsР¶Р»Р»РөРІРs,
С,Р° РSP° РsС†РSPsРІС- РөР»С-РSC-С†РSPsРіРs СҢС-С€РμРSPSCІ Р»С-РөР°СҢСІ. РїРөС%Рs
РіСҢРsС†РμРrС†СҢРіС РSPμ РјРsР¶РSP° РІС-РrРөР»Р»Р°С†С,Рө, С†Р»С-Рr РsС†С-РSPөС,Рө
РSP°СІРІРSC-С†С,СҢ РіС-РrРІРөС%РμРSPsРіРs СҢРөР·РөРө РІРөРSPөРөРSPμРSPSCІ
РөСҢРsРІРsС,РμС†С- С- С,РμСҢРјС-РSPsРІС-С†С,СҢ РІС,СҢС†С†Р°РSPSCІ.

Р—Р°С†С,РsС†С†РІР°РSPSCІ Р»С†Р°СҢРμР»С,РsВ® РіРsС,СҢС-Р±РSPs РІС-РrРSPsРІРөС,Рө
РіС-С†Р»СІ РіСҢРsРІРμРrРμРSPSCІ С-РSPІР°Р·РөРІРSPsС— РіСҢРsС†РμРrС†СҢРө Р°Р±Рs

C...C-CT₃C₁CT₃PI₁C-C₁PSP₁PI₁Ps PIC,CT₃C₁C₁P°PSPSC₁ C,P°Pe C€PI₁P€PrPePs, C₁PI₁Pe C,C-P»CH₁PeP€
PrPsC₁C₁PI₁PSC₁C,Ps P°PrP₁PePI₁P°C,PSP₁PI₁Ps PiP₁PjPsC₁C,P°P·C₁ C,P° C₁PI₁PeC%₁Ps
P·P°C₁C₁,PsC₁C₁PrPI₁P°PSPSC₁ P»C-PeP°CT₃C₁CH₁PePsPi₁Ps P·P°C₁PsP±C₁ PrPsP·PI₁PsP»C₁C₁C₁
PeP»C-PSC-C₁PSP° C₁P€C,C₁P°C₁C-C₁PI C₁C-C-P»PsPjC₁, C%₁Ps PIC₁C,P°PSP₁PI₁P»P₁PSPs
P»C-PeP°CT₃P₁Pj (PrP€PI. CT₃PsP·PrC-P» B«P₁P°CT₃PjP°PePsPeC-PSP₁μC,P€PeP°B»).

P₁μP°C₁C-C°PSC,P€ P»C-C,PSCH₁PsPi₁Ps PIC-PeC₁

P P€P·P€Pe CT₃PsP·PI₁P€C,PeC₁ PeCT₃PsPI₁PsC,P₁μC± P·P±C-P»CH₁C€C₁C°C,CH₁C₁C₁PI P· PIC-PePsPj
(PrP€PI. CT₃PsP·PrC-P» B«P₁P°CT₃PjP°PePsPeC-PSP₁μC,P€PeP°B»).

P°P₁μCT₃PjP°C,PsP»PsPi₁C-C₁PSC- CT₃P₁μP°PeC₁C-C—

P₁Y₁μCT₃PN₁PsP·PSC- C€PeC-CT₃PSC- CT₃P₁μP°PeC₁C-C—, PI₁PeP»CT₃C₁P°CT₃C₁P€ C₁P€PSPPrCT₃PsPj
P₁Y₁C,C-PI₁μPSC₁P°B₁“P”P₁PI₁PsPSC₁PsPSP° / C,PsPeC₁P€C₁PSP€PN₁
P₁μP₁C-PrP₁μCT₃PjP°P»CH₁PSP€PN₁ PSP₁μPeCT₃PsP»C-P·C,P° DRESS-C₁P€PSPPrCT₃PsPj
(CT₃P₁μP°PeC₁C-C₁PI PSP° P»C-PeP°CT₃C₁CH₁PeP€PN₁ P·P°C₁C₁-P± P· P₁μPsP·P€PSP₁PsC,,C-P»C-C°CT₃
C,P° C₁P€C₁C₁,P₁μPjPSP€PjP€ C₁P€PjPi₁C,PsPjP°PjP€), C₁ P·PI₁B₁™ C₁PI₁·PeC₁ C-P·
P·P°C₁C₁,PsC₁C₁PrPI₁P°PSPSC₁PI CT₃P€PI₁P°CT₃PsPeC₁P°P±P°PSC₁ P·P°CT₃P₁μC°C₁C,CT₃PsPI₁P°PSP₁
C₁ P₁C-C₁P»C₁C₁CT₃P₁μC°C₁C,CT₃P°C₁C-PN₁PSP€PN₁ PiP₁μCT₃C-PsPr (PrP€PI. CT₃PsP·PrC-P»
B«P₁μPsP±C-C₁PSC- CT₃P₁μP°PeC₁C-C—B»). P P€P·P€Pe C₁P€C... CT₃P₁μP°PeC₁C-PN₁ C₁
PiP°C₁C-C°PSC,C-PI, PN₁PjPsPIC-CT₃PSP₁Ps, C° PSP°PN₁PI₁P€C%₁P€Pj PSP° Pi₁PsC₁P°C,PeC₁
C,P₁μCT₃P°Pi₁C-C—: Pi₁PsC₁PI₁P° CT₃P₁μP°PeC₁C-PN₁ C₁ P±C-P»CH₁C€PsC₁C,C- PI₁P€Pi₁P°PrPeC-PI
PIC-PrP±C₁PrPI₁P°P»P°C₁C₁ PiCT₃PsC,C₁PI₁PsPj PiP₁μCT₃C€P€C... C,P€P₁PI₁PSC-PI
P»C-PeC₁PrPI₁P°PSPSC₁PI. P₁μCT₃P€ PiP₁μCT₃C€P€C... PiCT₃PsC₁PI₁P°C... C,C₁PI₁PI₁PeP€C...
C€PeC-CT₃PSP€C... PI₁P€C₁P€Pi₁C-PI (PSP°PiCT₃P€PeP»P°Pr, PiP₁μPSP₁μCT₃P°P»C-P·P°C₁C-C₁PI,
C-PSC,P₁μPSC₁P€C,,C-PeP°C₁C-C₁PI C,P°/P°P±Ps C₁C,PI₁PsCT₃P₁μPSPSC₁PI C₁C...P€CT₃C-PI) P°P±Ps
PiCT₃P€ Pi₁PsC₁PI₁C- P±C₁PrCH₁-C₁PI₁PeP€C... C-PSC€P€C... PsP·PSP°Pe
Pi₁C-PiP₁μCT₃C₁C₁C,P»P€PI₁PsC₁C,C- C₁ Pi₁PsC°PrPSP°PSPSC- P· C₁CT₃P°P₁PI₁μPSPSC₁PI
C₁P»P€P·PsPI₁PsC— PsP±PsP»PsPSP€P€ C₁P»C-Pr PiCT₃P€Pi₁P€PSP€C,P€
P·P°C₁C₁,PsC₁C₁PrPI₁P°PSPSC₁PI CT₃P€PI₁P°CT₃PsPeC₁P°P±P°PSC₁C.

P₁PI₁PSC,,PsCT₃PjP°C₁C-C₁PI PiCT₃Ps PrPsPi₁PsPjC-P₁PI₁PSC- CT₃P₁μC₁PsPI₁P€PSP€

P₁CT₃P°CT₃P₁μP»C,PsB® PjC-C₁C₁,P€C,CH₁ P»P°PeC,PsP·C₁. P₁μP°C₁C-C°PSC,P°Pj P·
CT₃C-PrPeC-C₁PSP€PjP€ C₁P€Pi₁P°PrPePsPI₁P€PjP€ P·P°C...PI₁PsCT₃CH₁PI₁P°PSPSC₁PI₁PjP€, C%₁Ps
C₁C₁PrPiCT₃PsPI₁PsPrP₁PI₁C₁CT₃C,CH₁C₁C₁PI₁μP₁μCT₃P₁μPSP₁PsC₁P€PjC-C₁C₁,CT₃ PiP°P»P°PeC,PsP·P€,
PrP₁μC,,C-C₁P€C,PsPj P»P°PeC,P°P·P€ P»P°Pi₁PiP° C,P° PjP°P»CH₁P°P±C₁PsCT₃P±C₁C-C°CT₃
PiP»CT₃PePsP·P€-PiP°P»P°PeC,PsP·P€, PSP₁μ C₁P»C-Pr P·P°C₁C₁,PsC₁PsPIC₁PrPI₁P°C,P€ C₁P₁μPN₁
P»C-PeP°CT₃C₁CH₁PeP€PN₁ P·P°C₁C₁-P±.

P₁PI₁μPN₁ P»C-PeP°CT₃C₁CH₁PeP€PN₁ P·P°C₁C₁-P± PjC-C₁C₁,P€C,CH₁ PjP₁μPSC€P₁μ PSC-P₁PI₁ 1
PjPjPsP»CH₁ PSP°C,CT₃C-CT₃ (23 PjPi) PI PsPrPSC-PN₁ C,P°P±P»P₁μC,C₁C- C,PsP±C,Ps
PiCT₃P°PeC,P€C₁PSP₁Ps PSP₁μ PjC-C₁C₁,P€C,CH₁ PSP°C,CT₃C-CT₃.

P—P°C₁C₁,PsC₁C₁PI₁P°PSPSC₁PI C₁ PiP₁μCT₃C-PsPr PI₁P°Pi₁C-C,PSP₁PsC₁C,C- P°P±Ps
PiPsPrC₁PI₁P°PSPSC₁PI PiCT₃C₁PrPrCT₃.

P°P°Pi₁C-C,PSC-C₁C₁,CH₁. P·C,,P₁μPeC,P€PI₁PSC-C₁C₁,CH₁ C,P° P±P₁μP·PiP₁μPeP° PiCT₃P€
P·P°C₁C₁,PsC₁C₁PrPI₁P°PSPSC- P₁CT₃P°CT₃P₁μP»C,PsB® PI₁P°Pi₁C-C,PSP€PjP€ P₁PI₁C-PSP€P°PjP€ PSP₁
PI₁P€PIC₁P°P»P°C₁C₁PI.

Р РµР·СѓР»СНБ,Р°С,Рё РrPsCГР»С-РrР¶РµРµPSCН PSP° С,РlР°СНРёPSP°С... РlРёР°Р·СѓСНБ,СНБ
PSP° СНРµРlСНРrСrРёС,РёРlPSCr С,PsРёСГРёС±PSC-СГС,СНБ (РrРёРl. СНРsР·РrС-Р»
В«РµР°Р°СНРРР°РёPsР»PsРlС-С±PSC- РlР»Р°СГС,РёРlPsCГС,С-В»). Р§РµСНРµР·
РlPsС,РµРµСГ±С-РNёPSCr СНРµРlСНРrСrРёС,РёРlPSCr С,PsРёСГРёС±PSC-СГС,СНБ,
Р·PSP°С±PSPёРNё СНРёР·РёРё РёСНРsРlPsС,РµС± С,Р° РlСНРsС...PsРrР¶РµРµPSPSCl
СНРёРёРlР°СНРsРёСГР°Р±Р°PSCr С±РµСНРµР· РlР»Р°СГРµРµPSC,Р°СНРPSPёРNё Р±Р°СНРёСНРСНР
Р·Р°СГС,PsCГСrРlР°PSPSCl РNёСГР°СНРµР»С,PsB® Сr РlРµСНРС-PsРr РlР°РlС-С,PsPsCГС,С-
РlСНРsС,РёРlPsРёР°Р·Р°Р°PSPµ (РrРёРl. СНРsР·РrС-Р» В«РµСНРsС,РёРlPsРёР°Р·Р°Р°PSPSClВ»).

Р-С-PSPёРРР СНРµРlСНРrСrРёС,РёРlPSPsРlPs РlС-РёСr СГР»С-Рr СrPSPёРёР°С,Рё
РlР°РlС-С,PsPsCГС,С- РlС-Рr С±Р°СГ Р»С-РёСrРlР°PSPSCl СНРёРёРlР°СНРsРёСГР°Р±Р°PSPРР.

Р«PsРrСrРlР°PSPSCl РlСНРСrРrРrСН. Р·С,,РµРёС,РёРlPSC-СГС,СНБ С,Р° Р±РµР·РlРµР° РlСНРё
Р·Р°СГС,PsCГСrРlР°PSPSC- РNёСГР°СНРµР»С,PsB® Р¶С-PSPёРРР Сr РlРµСНРС-PsРr
РlPsРrСrРlР°PSPSCl РlСНРСrРrРrСН PSPµ РlРёРlС±Р°Р»РёСГС. РР С...PsРrС-
РrPsCГР»С-РrР¶РµРµPSCН PSP° С,РlР°СНРёPSP°С... РlСГС,Р°PSPsРlР»РµРµС,С%Ps
СНРёРёРlР°СНРsРёСГР°Р±Р°PSP РlРёРrС-Р»СlССНР,СНБСГС Р· РlСНРСrРrPSPёРР РРsР»PsРёРsРР.
Р·С-РrРlPsРlС-РrPSPs, РNёСГР°СНРµР»С,PsB® РlСНРsС,РёРlPsРёР°Р·Р°Р°PSPёРNё РrPs
Р·Р°СГС,PsCГСrРlР°PSPSCl Сr РlРµСНРС-PsРr РlPsРrСrРlР°PSPSCl РlСНРСrРrРrСН (РrРёРl.
СНРsР·РrС-Р» В«РµСНРsС,РёРlPsРёР°Р·Р°Р°PSPSClВ»). РёРµРµР±С...С-РrPSPs
РlСНРёРNёPSClС,Рё СНРС-СёРµРµPSPSCl СГС,PsCГСРlPSPs РlСНРёРlРёPSPµPSPSCl
РlPsРrСrРlР°PSPSCl РlСНРСrРrРrСН Р°Р±Ps РlСНРёРlРёPSPµPSPSCl/СrС,СНРёРРРР°PSPSCl
РlС-Рr С,РµСНРР°РlС-С.

РµРµСНР,РёР»СНБPSC-СГС,СНБ. Р¶РlРµСГ±С-Р°Р»СНБPSC- РrPsCГР»С-РrР¶РµРµPSPSCl Р·
PsCГ±С-PSPёР РlРlР»РёРlСНРёРlР°СНРsРёСГР°Р±Р°PSCr PSP°
С,,РµСНР,РёР»СНБPSC-СГС,СНБ Р»СНРrРёPSPё PSPµ РlСНРsРlPsРrРёР»РёСГСНБ. РР С...PsРrС-
РrPsCГР»С-РrР¶РµРµPSPSCl С,,РµСНР,РёР»СНБPSPsCГС,С- СГР°РРСГ±С-РlС- СГР°РРРёСГСНБ
С%СrСНРС-Рl PSPµ Р±СrР»Ps РlРёСlРlР»РµРµPSPs Р¶PsРrPSPsРlPs РlРlР»РёРlСНР (РrРёРl.
СНРsР·РrС-Р» В«РµР°Р°СНРРР°РёPsР»PsРlС-С±PSC- РlР»Р°СГС,РёРlPsCГС,С-В»).

*Р-РrР°С,PSC-СГС,СНБ РlРlР»РёРlР°СНРPSP° СёРlРlРёРrРёС-СГС,СНБ СНРµР°РёСГ±С-С- РlСНРё
РёРµРµСНРСrРlР°PSPSC- Р°РlС,PsС,СНРР°PSCГРlPsСНРС,PsРР Р°Р±Ps С-PSCёРёРРРё
РРРµС...Р°PSC-РРРРРРё.*

РNёСГР°СНРµР»С,PsB® РlСНРsСlРlРlР»СlСНР PSPµ·PSP°С±PSPёРNё РlРlР»РёРl PSP°
Р·РrР°С,PSC-СГС,СНБ РёРµРµСНРСrРlР°С,Рё Р°РlС,PsС,СНРР°PSCГРlPsСНРС,PsРР Р°Р±Ps
С-PSCёРёРРРё РРРµС...Р°PSC-РРРРРРё. РµPsРlС-РrPsРР»СlР»РёР РlСНРs РlPsР±С-С±PSC-
СНРµР°РёСГ±С-С, С,Р°РёС- СlРё РlРlРlР°РrРёРё СГРёPSPёPsРlР»СНБPSPsРlPs СГС,Р°PSCr
(С±Р°СГС,PsС,Р°: PSPµС±Р°СГС,Ps) Р°Р±Ps Р·Р°РlР°РРsСНРsС±РµPSPSCl (С±Р°СГС,PsС,Р°:
С±Р°СГС,Ps) (РrРёРl. СНРsР·РrС-Р» В«РµPsР±С-С±PSC- СНРµР°РёСГ±С-С-В»).

РµР°СГ±С-СНРPSC,Р°РР, Сr СlРёРёС... РlС-РrР·PSP°С±Р°СНБ,СНБСГС РlPsР±С-С±PSC-
СНРµР°РёСГ±С-С С,Р°РёPsРlPs С,РёРlСr, PSPµ СГР»С-Рr РёРµСНРСrРlР°С,Рё
Р°РlС,PsРРsР±С-Р»РµРР Р°Р±Ps РlСНРР°СГНРlР°С,Рё Р· С-PSCёРёРРРё
РРРµС...Р°PSC-РРРРРРё.

PŸPİPsCİC-P± P·P°CİC,PsCİC¿PIP°PSPSCİ C,P° PrPsP·Pë.

P°PsP·CıPIP°PSPSCİ

PμCḡPsC,,C-P»P°PeC,PëPeP° PIPμPSPsP·PSPsC— C,CḡPsPjP±PsPμPjP±PsP»C-C— (P'PŸP•) C¿ PrPsCḡPsCİP»PëC... PİP°C†C-C"°PSC,C-PI, CİPePëPj PİCḡPsPIPPrCİC,CH PsPİPμCḡP°C,PëPIPSC- PIC,CḡC¿C†P°PSPSCİ P· PμPSPPrPsPİCḡPsC,PμP·C¿PIP°PSPSCİ PëC¿P»CHC€PsPIPSPİPs C†Pë PePsP»C-PSPSPsPiPs CİC¿PiP»PsP±C-PI

P PμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CİC,P°PSPsPIPëC,CH 10 PjPi CḡPëPIP°CḡPsPeCİP°P±P°PSCı PİPμCḡPsCḡP°P»CHPSPs 1 CḡP°P· PSP° PrPsP±Cı. PμPμCḡC€Cı PrPsP·Cı CİP»C-Pr PİCḡPëPμPjP°C,Pë C†PμCḡPμP· 6-10 PİPsPrPëPS PİC-CİP»Cİ PsPİPμCḡP°C†C-C— P·P° CıPjPsPIPë PμC,,PμPeC,PëPIPSPsPiPs PİPμPjPsCİC,P°P·Cı.

PŸCḡPëPIP°P»C-CİC,CH P»C-PeCıPIP°PSPSCİ PIPëP·PSP°C†P°C",CHCİCİ P·P°P»PμP¶PSPs PIC-Pr C-PSPPrPëPIC-PrCıP°P»CHPSPsPiPs CḡPëP·PëPeCı PİP°C†C-C"°PSC,P° C,P° C,PëPİCı PsCḡC,PsPİPμPrPëC†PSPsPiPs PsPİPμCḡP°C,PëPIPSPsPiPs PIC,CḡCıC†P°PSPSCİ.

B· PμC-CİP»Cİ PIC,CḡCıC†P°PSPSCİ P· PİCḡPëPIPPrCı P·P°PjC-PSPë PeCıP»CHC€PsPIPSPİPs CİCıPiP»PsP±P° CḡPμPePsPjPμPSPPrPsPIP°PSP° C,CḡPëPIP°P»C-CİC,CH P»C-PeCıPIP°PSPSCİ CİC,P°PSPsPIPëC,CH 5 C,PëP¶PSC-PI.

B· PμC-CİP»Cİ P·P°PjC-PSPë PePsP»C-PSPSPsPiPs CİCıPiP»PsP±P° CḡPμPePsPjPμPSPPrPsPIP°PSP° C,CḡPëPIP°P»C-CİC,CH P»C-PeCıPIP°PSPSCİ CİC,P°PSPsPIPëC,CH 2 C,PëP¶PSC-.

Pj PIPëPİP°PrPeCı PİCḡPsPİCıCİPeCı PİCḡPëPμPsPjCı C,P°P±P»PμC,PePë PİP°C†C-C"°PSC,Cı CİP»C-Pr PİCḡPëPμPSCİC,Pë PμCİP°CḡPμP»C,PsB® PSPμPİP°PμPSPs C- PSP°CİC,CıPİPSPsPiPs PrPSCİ PİCḡPsPrPsPIP¶PëC,Pë P»C-PeCıPIP°PSPSCİ C-P· PİCḡPëPμPsPjPsPj 1 CḡP°P· PSP° PrPsP±Cı, CİPe C- PrPs PİCḡPsPİCıCİPeCı PİCḡPëPμPsPjCı C,P°P±P»PμC,PePë.

P»C-PeC¿PIP°PSPSCİ PŸP"P', PŸP·P»Pḡ C,P° PİCḡPsC,,C-P»P°PeC,PëPeP° CḡPμC†PëPrPëPIC-PI PŸP"P' C- PŸP·P»Pḡ

PμCḡPsC,CİPiPsPj PİPμCḡC€PëC... 3 C,PëP¶PSC-PI PrP»Cİ P»C-PeCıPIP°PSPSCİ PİPsCİC,CḡPsPiPs PŸP"P' C- PŸP·P»Pḡ CḡPμPePsPjPμPSPPrCıC",CHCİCİ PİCḡPëP·PSP°C†P°C,Pë PİPs 1 C,P°P±P»PμC,C†C- PμCİP°CḡPμP»C,PsB® 15 PjPi PrPIC-C†C- PSP° PrPsP±Cı, PİC-CİP»Cİ C†PsPiPs Bḡ" PİPs 20 PjPi PμCİP°CḡPμP»C,PsB® 1 CḡP°P· PSP° PrPsP±Cı PrP»Cİ C,CḡPëPIP°P»PsPiPs P»C-PeCıPIP°PSPSCİ C- PİCḡPsC,,C-P»P°PeC,PëPePë CḡPμC†PëPrPëPICı PŸP"P' C,P° PŸP·P»Pḡ.

PμPsCḡPsC,PePsCİC,CḡPsPePsPICı C,PμCḡP°PİC-CH (PİCḡPëPSP°PμPjPSC- PİCḡPsC,CİPiPsPj 3 PjC-CİCİC†C-PI) CİP»C-Pr PİCḡPëP·PSP°C†P°C,Pë PrP»Cİ PİP°C†C-C"°PSC,C-PI P· PŸP"P' C†Pë PŸP·P»Pḡ P·P° PSP°CİPIPSPsCİC,C- C,PëPjC†P°CİPsPIPëC... C,,P°PeC,PsCḡC-PI CḡPëP·PëPeCı (PSP°PİCḡPëPeP»P°Pr, PSPμC%PsPrP°PIPSPs PİPμCḡPμPSPμCİPμPSP° PsPİPμCḡP°C†C-Cİ P°P±Ps C,CḡP°PIPjP°). P°PsPİPiPsCİC,CḡPsPePsPICı C,PμCḡP°PİC-CH CİP»C-Pr PİCḡPëP·PSP°C†P°C,Pë PrP»Cİ PİP°C†C-C"°PSC,C-PI P· PŸP"P' P°P±Ps PŸP·P»Pḡ, C%Ps PSPμ PİPsPİBḡ™ CİP·P°PSC- P· C,PëPjC†P°CİPsPIPëPjPë C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCı, C-PrC-PsPİP°C,PëC†PSPëPj PŸP"P' C†Pë PŸP·P»Pḡ P°P±Ps PSP°CİPIPSC-CİC,CH CḡPμC†PëPrPëPIC-PI PŸP"P' C†Pë PŸP·P»Pḡ Pİ P°PSP°PjPSPμP·C-.

PᵂPsP»Pë PîPsPe°P·P°PSPµ PîPsPrPsPIP¶PµPSPSCЦ PîCḥPsC,,C-P»P°PeC,PëPePë
CḥPµC†PëPrPëPIC-PI PŷP“P’ P°P±Ps PŷP·P>Ph (PîC-CĴP»Cц P·P°PIPµCḥC€PµPSPSCц
C,РµCḥP°PîC-C— PŷP“P’ C- PŷP·P>Ph C,CḥPëPIP°P»C-CĴC,Cḥ C‰PsPSP°PM₆PjPµPSC€Pµ 6
PjC-CĴCцC†C-PI), CḥPµPePsPjPµPSPrPsPIP°PSP° PrPsP·P° CĴC,P°PSPsPiPëC,Cḥ 10 PjPi
PsPrPëPS CḥP°P· PSP° PrPsP±Cr. P”P»Cц PîP°C†C-C”PSC,C-PI P· PiPëCĴPsPePëPj
CḥPëP·PëPePsPj CḥPµC†PëPrPëPICr PŷP“P’ P°P±Ps PŷP·P>Ph, PîP°C†C-C”PSC,C-PI C-P·
CĴC†PîC†C,PSC-PjPë P·P°C...PiPsCḥCḥPIP°PSPSCцPjPë, P° C,P°PePsP¶ PrP»Cц
PîP°C†C-C”PSC,C-PI, CцPeC- PîPµCḥPµPSPµCĴP»Pë CḥPµC†PëPrPëPi PŷP“P’ C†Pë PŷP·P>Ph
PSP° C,,PsPSC- P·P°CĴC,PсCĴC†PIP°PSPSCцP»C-PeP°CḥCĴCḥPePsPiPs P·P°CĴPsP±Cr
PᵂCĴP°CḥPµP»C,PsB® 10 PjPi PsPrPëPS CḥP°P· PSP° PrPsP±Cr P· PjPµC,PсCḥ
PîCḥPsC,,C-P»P°PeC,PëPePë,PjPsP¶Pµ P±CrC,Pë PrPsC†C-P»CḥPSPëPj
P·P°CĴC,PсCĴC†PIP°PSPSCц P»C-PeP°CḥCĴCḥPePsPiPs P·P°CĴPsP±Cr PᵂCĴP°CḥPµP»C,PsB®
20 PjPi PsPrPëPS CḥP°P· PSP° PrPsP±Cr.

	P _μ P _μ C ₇ C-PsPr	P P _μ P¶PëPj PrPsP·C _r PIP°PSPSCΠ	P—P°PiP°P»CHßPSP° PrPsP±PsPIP° PrPsP·P°
P>C-PeC _r PIP°PSPSCΠ C,P° PïC ₇ PsC,,C-P»P°PeC,PëPeP° C ₇ P _μ C†PëPrPëPIC-PI PÿP“P’ C- PÿP·P>P ₇	1БҢ“21 PrP _μ PSCHб	15 PjPi PrPIC-C‡C- PSP° PrPsP±C _r	30 PjPi
	22 PrP _μ PSCHб C- PrP°P»C-	20 PjPi PsPrPëPS C ₇ P°P· PSP° PrPsP±C _r	20 PjPi
P _μ C ₇ PsC,,C-P»P°PeC,PëPeP° C ₇ P _μ C†PëPrPëPIC-PI PÿP“P’ C- PÿP·P>P ₇	P _μ C-CĬP»CΠ P·P°PIP _μ C ₇ CεP _μ PSPSCΠ C,P _μ C ₇ P°PiC-C— PÿP“P’ C- PÿP·P>P ₇ C,C ₇ PëPIP°P»C-CĬC,C ₇ C%oPsPSP°PMjP _μ PSCεP _μ 6 PjC-CĬCΠC†C-PI	10 PjPi PsPrPëPS C ₇ P°P· PSP° PrPsP±C _r P°P±Ps 20 PjPi PsPrPëPS C ₇ P°P· PSP° PrPsP±C _r	10 PjPi P°P±Ps 20 PjPi

PJ CḥP°P·C- PīCḥPsPīCṛCīPēCṛ PīCḥPēPNēPsPjCṛ C,P°P±P»PμC,PePē P»C-PeP°CḥCīCḥPePsPiPs P·P°CīPsP±Cṛ PḥCīP°CḥPμP»C,PsB® PīPs 15 PjPi PīC-Pr C‡P°Cī P»C-PeCṛPIP°PSPSCḷ PīPs 15 PjPi P»C-PeP°CḥCīCḥPePsPiPs P·P°CīPsP±Cṛ PṛPIC-C‡C- PSP° PrPsP±Cṛ (1ḅḥ“21 PrPμPSCḥ) PīP°C‡C-C”PSC, PīPsPIPēPSPμPS PSPμPīP°PNēPSPs PīCḥPēPNēPSCḷC,Pē C,P°P±P»PμC,PeCṛ P»C-PeP°CḥCīCḥPePsPiPs P·P°CīPsP±Cṛ PḥCīP°CḥPμP»C,PsB®, C%oPsP± P·P°P±PμP·PīPμC‡PēC,Pē PīCḥPēPNēPsPj 30 PjPi PḥCīP°CḥPμP»C,PsB® PSP° PrPsP±Cṛ. PJ C‡CḥPsPjCṛ PIPēPīP°PrPeCṛ PjPsPḥPSP° PīCḥPēPNēPSCḷC,Pē PsPrPSPsC‡P°CīPSPs 2 C,P°P±P»PμC,PePē PīPs 15 PjPi. PḵP°CīC,CṛPīPSPsPiPs PrPSCḷ CīP»C-Pr PīCḥPsPrPsPIPḥPēC,Pē P·PIPēC‡P°PNēPSPēPNē CḥPμPḥPēPj PīPs 15 PjPi PrPIC-C‡C- PSP° PrPsP±Cṛ, CḷPe CḥPuPePsPiPuPSPPrPsPIP°PSPs.

**$\bar{P}iP^{\circ}C^{\dagger}C-C''PSC, C^{\dagger} C\bar{I}P \gg C-Pr \bar{P}iC\bar{H}P\bar{e}PN_{\bar{e}}PSC\bar{I}C, P\bar{e} C, P^{\circ}P \pm P \gg P_{\mu}C, PeC^{\dagger}$
 $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C^{\dagger} P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} PSP_{\mu}PiP^{\circ}PN_{\bar{e}}PSPs C-$
 $PSP^{\circ}C\bar{I}C, C^{\dagger}PiPSPsPiPs PrPSC\bar{I} \bar{P}iC\bar{H}PsPrPsPIP\bar{I}P\bar{e}C, P\bar{e} P \gg C-PeC^{\dagger}PIP^{\circ}PSPSC\bar{I} C-P \cdot$
 $\bar{P}iC\bar{H}P\bar{e}PN_{\bar{e}}PsPjPsPj 1 C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C^{\dagger} P \cdot PiC-PrPSPs P \cdot$
 $C\bar{H}P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSP\bar{e}Pj PrPsP \cdot C^{\dagger}PIP^{\circ}PSPSC\bar{I}Pj. P\acute{k}P_{\mu} C\bar{I}P \gg C-Pr$
 $\bar{P}iC\bar{H}P\bar{e}PN_{\bar{e}}PjP^{\circ}C, P\bar{e} \bar{P}iPsPrPIC-PN_{\bar{e}}PSC^{\dagger} PrPsP \cdot C^{\dagger} C^{\dagger} C, PsPN_{\bar{e}} C\bar{I}P^{\circ}PjP\bar{e}PN_{\bar{e}} PrP_{\mu}PSC\bar{H},$
 $C\%_{\bar{o}}PsP \pm PePsPjPiP_{\mu}PSC\bar{I}C^{\dagger}PIP^{\circ}C, P\bar{e} \bar{P}iC\bar{H}PsPiC^{\dagger}C\%_{\bar{o}}P_{\mu}PSC^{\dagger} C, P^{\circ}P \pm P \gg P_{\mu}C, PeC^{\dagger}.$**

**$P_{\mu}P_{\mu}C\bar{H}P_{\mu}C...C-Pr P \cdot P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, C-PI PIC-C, P^{\circ}PjC-PSC\acute{z} P_{\bar{L}} PSP^{\circ}$
 $P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes}$**

PJ $\bar{P}iP^{\circ}C^{\dagger}C-C''PSC, C-PI, C\bar{I}PeC- \bar{P}iC\bar{H}PsC...PsPrC\bar{I}C, C\bar{H} P \gg C-PeC^{\dagger}PIP^{\circ}PSPSC\bar{I} P\bar{y}P''P', P\bar{y}P \cdot P \gg P\bar{h}$
 $C, P^{\circ} C\bar{I}PeP\bar{e}Pj \bar{P}iC\bar{H}PsPiPsPrC\bar{I}C, C\bar{H} \bar{P}iC\bar{H}PsC,, C-P \gg P^{\circ}PeC, P\bar{e}PeC^{\dagger} C-C... \bar{P}iPsPIC, PsC\bar{H}PSPsPiPs$
 $PIP\bar{e}PSP\bar{e}PePSP_{\mu}PSPSC\bar{I}, C, P_{\mu}C\bar{H}P^{\circ}PiC-C\bar{I} P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, P^{\circ}PjP\bar{e} PIC-C, P^{\circ}PjC-PSC^{\dagger} P_{\bar{L}}$
 $PjP^{\circ}C'' P \pm C^{\dagger}C, P\bar{e} \bar{P}iC\bar{H}P\bar{e}PiP\bar{e}PSP_{\mu}PSP^{\circ}, P^{\circ} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C^{\dagger}PIP^{\circ}PSPSC\bar{I}$
 $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C^{\dagger} P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} C\bar{I}P \gg C-Pr \bar{P}iPsC\bar{I}P\bar{e}PSP^{\circ}C, P\bar{e}$
 $\bar{P}iC\bar{H}P\bar{e} PrPsC\bar{I}C\bar{I}PiPSP_{\mu}PSPSC- \bar{P}iPsPeP^{\circ}P \cdot PSP\bar{e}PeP^{\circ} P_{\bar{h}}P\acute{k}P' \leq 2,5.$

P $\bar{u}$ C $\bar{H}$ P $\bar{e}$ $\bar{P}iP_{\mu}C\bar{H}P_{\mu}C...PsPrC- \bar{P}iP^{\circ}C^{\dagger}C-C''PSC, C-PI P \cdot P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, C-PI$
 $PIC-C, P^{\circ}PjC-PSC^{\dagger} P_{\bar{L}} PSP^{\circ} P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} \bar{P}iC-C\bar{I}P \gg C\bar{I} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C^{\dagger}PIP^{\circ}PSPSC\bar{I}$
 $P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} P \cdot PSP^{\circ}C\bar{I}P_{\mu}PSPSC\bar{I} P_{\bar{h}}P\acute{k}P' PjPsP\bar{I}C\bar{I}C, C\bar{H} P \pm C^{\dagger}C, P\bar{e} C...P\bar{e}P \pm PSPs$
 $\bar{P}iC-PrPIP\bar{e}C\%_{\bar{o}}P_{\mu}PSC-. P_{\bar{h}}P\acute{k}P' PSP_{\mu} C'' PIP^{\circ}P \gg C-PrPsPIP^{\circ}PSP\bar{e}Pj PjP_{\mu}C, PsPrPsPj PrP \gg C\bar{I}$
 $PsC^{\dagger}C-PSP\bar{e}P\bar{e} P^{\circ}PSC, P\bar{e}PePsP^{\circ}PiC^{\dagger}P \gg C\bar{I}PSC, PSPsC- P^{\circ}PeC, P\bar{e}PIPSPsC\bar{I}C, C-$
 $P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes}, C, PsPjC^{\dagger} PN_{\bar{e}}PsPiPs PSP_{\mu} C\bar{I}P \gg C-Pr PIP\bar{e}PePsC\bar{H}P\bar{e}C\bar{I}C, PsPIC^{\dagger}PIP^{\circ}C, P\bar{e}$
 $(PrP\bar{e}PI. C\bar{H}PsP \cdot PrC-P \gg B \langle P' \cdot P \cdot C'' PjPsPrC-C\bar{I} P \cdot C-PSC\bar{e}P\bar{e}PjP\bar{e} P \gg C-PeP^{\circ}C\bar{H}C\bar{I}C\bar{H}PeP\bar{e}PjP\bar{e}$
 $P \cdot P^{\circ}C\bar{I}PsP \pm P^{\circ}PjP\bar{e} C, P^{\circ} C-PSC\bar{e}C- PIP\bar{e}PrP\bar{e} PIP \cdot P^{\circ}C'' PjPsPrC-PN_{\bar{e}}B \gg).$

**$P_{\mu}P_{\mu}C\bar{H}P_{\mu}C...C-Pr P \cdot P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} PSP^{\circ} P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, P\bar{e}$
 $PIC-C, P^{\circ}PjC-PSC\acute{z} P_{\bar{L}}$**

P $\dagger$ C $\bar{I}PSC^{\dagger}C'' PjPsP\bar{I}P \gg P\bar{e}PIC-C\bar{I}C, C\bar{H} PSP_{\mu}PrPsC\bar{I}C, P^{\circ}C, PSC\bar{H}PsC-$
 $P^{\circ}PSC, P\bar{e}PePsP^{\circ}PiC^{\dagger}P \gg C\bar{I}C\bar{I}C-C- \bar{P}iC\bar{H}PsC, C\bar{I}PiPsPj \bar{P}iP_{\mu}C\bar{H}C-PsPrC^{\dagger} \bar{P}iP_{\mu}C\bar{H}P_{\mu}C...PsPrC^{\dagger} P \cdot$
 $P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} PSP^{\circ} P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C, PIC-C, P^{\circ}PjC-PSC^{\dagger} P_{\bar{L}}. P\bar{y}P^{\circ}Pe C\bar{I}P^{\circ}PjPs,$
 $C\bar{I}Pe C- \bar{P}iC-Pr C\bar{I}P^{\circ}C\bar{I} P \pm C^{\dagger}PrC\bar{H}-C\bar{I}PePsPiPs \bar{P}iP_{\mu}C\bar{H}P_{\mu}C...PsPrC^{\dagger} PSP^{\circ}$
 $P^{\circ}P \gg C\bar{H}C, P_{\mu}C\bar{H}PSP^{\circ}C, P\bar{e}PIPSP\bar{e}PN_{\bar{e}} P^{\circ}PSC, P\bar{e}PePsP^{\circ}PiC^{\dagger}P \gg C\bar{I}PSC,, C^{\dagger} C\bar{I}C\bar{H}PsPjC^{\dagger}$
 $PIP\bar{e}PiP^{\circ}PrPeC^{\dagger} PjP^{\circ}C'' P \pm C^{\dagger}C, P\bar{e} P \cdot P^{\circ}P \pm P_{\mu}P \cdot \bar{P}iP_{\mu}C\bar{I}P_{\mu}PSP^{\circ} P \pm P_{\mu}P \cdot \bar{P}iP_{\mu}C\bar{H}P_{\mu}C\bar{H}PIPSP^{\circ}$
 $P^{\circ}PrP_{\mu}PePIP^{\circ}C, PSP^{\circ} P^{\circ}PSC, P\bar{e}PePsP^{\circ}PiC^{\dagger}P \gg C\bar{I}C\bar{I}C-C\bar{I}C. P\acute{k}P_{\mu}PsP \pm C...C-PrPSPs$
 $\bar{P}iP^{\circ}PjP\bar{e}C\bar{I}C\bar{I}C, P^{\circ}C, P\bar{e} \bar{P}iC\bar{H}Ps C, P_{\mu}, C\%_{\bar{o}}Ps PSP^{\circ} C, P \gg C- P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C^{\dagger}PIP^{\circ}PSPSC\bar{I}$
 $P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} PjPsP\bar{I}C\bar{I}C, C\bar{H} PIP\bar{e}P \cdot PSP^{\circ}C\bar{I}P^{\circ}C, P\bar{e}C\bar{I}C\bar{I} C...P\bar{e}P \pm PSPs$
 $\bar{P}iC-PrPIP\bar{e}C\%_{\bar{o}}P_{\mu}PSC- P \cdot PSP^{\circ}C\bar{I}P_{\mu}PSPSC\bar{I} P_{\bar{h}}P\acute{k}P'.$

PJ C $\bar{H}P^{\circ}P \cdot C- \bar{P}iP_{\mu}C\bar{H}P_{\mu}C...PsPrC^{\dagger} C-P \cdot P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes} PSP^{\circ} P^{\circ}PSC, P^{\circ}PiPsPSC-C\bar{I}C,$
 $PIC-C, P^{\circ}PjC-PSC^{\dagger} P_{\bar{L}} PsC\bar{I}C, P^{\circ}PSPSC-PN_{\bar{e}} \bar{P}iPsC\bar{I}P\bar{e}PSP^{\circ}C\bar{H}, C\bar{H} \bar{P}iC\bar{H}P\bar{e}PN_{\bar{e}}PjP^{\circ}C, P\bar{e}$
 $PsPrPSPsC\bar{I}P^{\circ}C\bar{I}PSPs P \cdot P_{\bar{L}}C\bar{I}P^{\circ}C\bar{H}P_{\mu}P \gg C, PsB^{\otimes}, PrPsPiPsPeP\bar{e} \bar{P}iPsPeP^{\circ}P \cdot PSP\bar{e}Pe P_{\bar{h}}P\acute{k}P' PSP_{\mu}$
 $P \pm C^{\dagger}PrP_{\mu} C\bar{I}C, P^{\circ}PSPsPIP\bar{e}C, P\bar{e} \geq 2.$

PJP $\bar{I}C\bar{H}PsPrPsPIP\bar{I} \bar{P}iP_{\mu}C\bar{H}C\bar{e}P\bar{e}C... PrPIPsC... PrPSC-PI \bar{P}iP_{\mu}C\bar{H}C-PsPrC^{\dagger} \bar{P}iP_{\mu}C\bar{H}P_{\mu}C...PsPrC^{\dagger}$
 $PjPsP\bar{I}PSP^{\circ} P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC^{\dagger}PIP^{\circ}C, P\bar{e} C\bar{I}C, P^{\circ}PSPPrP^{\circ}C\bar{H}C, PSP_{\mu} PrPsP \cdot C^{\dagger}PIP^{\circ}PSPSC\bar{I}$

$P_k P^\circ C \downarrow PIPSC - P_s P \pm P_j P_\mu P \uparrow P_\mu PSC - P_e P \gg C - PSC - C \ddagger PSC - Pr P^\circ PSC - Cr \ddot{P} P^\circ C \uparrow C - C'' PSC, C - PI P \cdot$
 $PSP \ddot{C} \overline{C} \overline{P} P_e P_s PIPs C \overline{C} \overline{P} SP_\mu Pr Ps C \overline{C} \overline{C}, P^\circ C, PSC - C \overline{C} \overline{C}, C \overline{C} \overline{C}, C \downarrow P \uparrow P \overline{P} P_s P_i P_s C \overline{C} \overline{C}, Cr \ddot{P} P_\mu PSC \downarrow$
 $(P_e P \gg C - C \overline{C} P_\mu PSC \overline{C} \overline{P} e C \overline{C} P_\mu P^\circ C, P \ddot{P} PSC - PSC \overline{C} \overline{C} 15-29 P_j P \gg / C \dots PI) PIP_e P^\circ P \cdot Cr C \overline{C} \overline{C}, C \overline{C} \overline{P} SP^\circ$
 $P \cdot PSP^\circ C \ddagger PSP_\mu P \ddot{C} - Pr PIP \ddot{C} \% P_\mu PSPSC \downarrow P_e P_s PSC \uparrow P_\mu PSC, C \overline{C} P^\circ C \uparrow C - C -$
 $C \overline{C} P \ddot{P} PIP^\circ C \overline{C} P_s P_e C \overline{C} P^\circ P \pm P^\circ PSC \overline{C} \overline{C} Cr \ddot{P} P \gg P^\circ P \cdot P_j C - P_e C \overline{C} P_s PIC - . P - PIP^\circ P \uparrow P^\circ C \overline{C} \overline{C} \ddagger P \ddot{P} SP^\circ C \uparrow P_\mu,$
 $P \ddot{C} \overline{C} P \ddot{P} P \gg C - P_e Cr PIP^\circ PSPSC - P \ddot{P} P^\circ C \uparrow C - C'' PSC, C - PI C \uparrow C - C'' C - P_e P^\circ C, P_\mu P_i P_s C \overline{C} \overline{C} C -$
 $P \gg C - P_e P^\circ C \overline{C} C \overline{C} \overline{C} P_e P \ddot{P} N_2 P \cdot P^\circ C \overline{C} \overline{C} - P \pm P_\mu C \overline{C} P^\circ C \overline{C} P_\mu P \gg C, Ps B \textcircled{R} C \overline{C} P \gg C - Pr$
 $P \cdot P^\circ C \overline{C} \overline{C}, Ps C \overline{C} P_s PIC \overline{C} PIP^\circ C, P \ddot{P} P \cdot P_s P \pm P_\mu C \overline{C} P_\mu P \uparrow PSC - C \overline{C} \overline{C}, C \overline{C} \overline{C}. P_k P_\mu$
 $C \overline{C} P_\mu P_e P_s P_j P_\mu PSP_r C \overline{C} \overline{C}, C \overline{C} C \overline{C} \downarrow P \cdot P^\circ C \overline{C} \overline{C}, Ps C \overline{C} C \overline{C} PIP^\circ PSPSC \downarrow P \gg C - P_e P^\circ C \overline{C} C \overline{C} \overline{C} P_e P_s P_i P_s$
 $P \cdot P^\circ C \overline{C} P_s P \pm Cr \ddot{P} P^\circ C \uparrow C - C'' PSC, P^\circ P_j P \cdot P_e P \gg C - C \overline{C} P_\mu PSC \overline{C} P_s P_j P_e C \overline{C} P_\mu P^\circ C, P \ddot{P} PSC - PSC \overline{C} \overline{C}$

PjPμPSC€Pμ 15 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P»Pë B«PhCḡPsP±P»PëPIPsCḡC,C-
P·P°CḡC,PsCḡCḡPIP°PSPSCḡB» C- B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

B· P”P»Cḡ PīCḡPsC,,C-P»P°PeC,PëPePë P’PŷP· Cḡ PrPsCḡPsCḡP»PëC... PīP°C†C-C”PSC,C-PI,
CḡPePëPj PīCḡPsPIPsPrCḡC,Ch PsPīPμCḡP°C,PëPIPsC- PIC,CḡCḡC†P°PSPSCḡ P·
PμPSPPrPsPīCḡPsC,PμP·CḡPIP°PSPSCḡ PeCḡP»ChCḡPsPIPsPiPs C†Pë PePsP»C-PSPSPsPiPs
CḡCḡPiP»PsP±C-PI: PīCḡPë PīCḡPëP·PSP°C†PμPSPSC- C...PIPsCḡPëPj P· PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Ch P»PμPiPePsPiPs (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ
50Bḡ”80 PjP»/C...PI) P°P±Ps CḡPμCḡPμPrPSCHPsPiPs (PeP»C-CḡPμPSCḡ
PeCḡPμP°C,PëPSC-PSCḡ 30Bḡ”49 PjP»/C...PI) CḡC,CḡPiPμPSCḡ C,CḡPḡPePsCḡC,C-
PePsCḡPμPeC†C-Cḡ PrPsP·Pë PSPμ PīPsC,CḡC-P±PSP° (PrPëPI. CḡPsP·PrC-P»
B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

B· P”P»Cḡ P»C-PeCḡPIP°PSPSCḡ PŷP”P’, PŷP·P»Pḡ C,P° PīCḡPsC,,C-P»P°PeC,PëPePë
PīPsPIC,PsCḡPSPsPiPs PIPëPSPëPePSPμPSPSCḡ PŷP”P’ C,P° PŷP·P»Pḡ: PīCḡPë
PīCḡPëP·PSP°C†PμPSPSC- PīP°C†C-C”PSC,P°Pj P· PSPëCḡPePsPIPsCḡ
PSPμPrPsCḡC,P°C,PSC-CḡC,Ch P»PμPiPePsPiPs (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ
50Bḡ”80 PjP»/C...PI) CḡC,CḡPiPμPSCḡ C,CḡPḡPePsCḡC,C- PePsCḡPμPeC†C-Cḡ PrPsP·Pë PSPμ
PīPsC,CḡC-P±PSP° (PrPëPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

PμP°C†C-C”PSC,Pë P· PSPëCḡPePsPIPsCḡ PSPμPrPsCḡC,P°C,PSC-CḡC,Ch
CḡPμCḡPμPrPSCHPsPiPs (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ 30Bḡ”49 PjP»/C...PI)
P°P±Ps C,CḡPḡPePsPiPs (PeP»C-CḡPμPSCḡ PeCḡPμP°C,PëPSC-PSCḡ 15Bḡ”29 PjP»/C...PI)
CḡC,CḡPiPμPSCḡ: PīCḡPsC,CḡPiPsPj PīPμCḡCḡPëC... 3 C,PëPḡPSC-PI PīPsPIPëPSPSC-
PsC,CḡPëPjCḡPIP°C,Pë P»C-PeP°CḡCḡChPePëPμ P·P°CḡC-P± PḡCḡP°CḡPμP»C,PsB® PīPs 15
PjPi PrPIC-C†C- PSP° PrPsP±Cḡ. PḡP°PrP°P»C-, PīCḡPë CḡPμPePsPjPμPSPPrPsPIP°PSC-Pμ
PrPsP·C- 20 PjPi PsPrPëPS CḡP°P· PSP° PrPsP±Cḡ, CḡP»C-Pr CḡPsP·PiP»CḡPSCḡC,Pë
P·PSPëPḡPμPSPSCḡ PrPsP·Pë P· 20 PjPi PrPs 15 PjPi PsPrPëPS CḡP°P· PSP° PrPsP±Cḡ,CḡPeC%Ps
PsC†C-PSPμPSPëPμ CḡPëP·PëPe PeCḡPsPIPsC,PμC†C- PīPμCḡPμPIPëC%CḡC” CḡPëP·PëPe
CḡPμC†PëPrPëPICḡ PŷP”P’ C,P° PŷP·P»Pḡ. P PμPePsPjPμPSPPrP°C†C-Cḡ C%PsPrPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ 15 PjPi T’CḡCḡPSC,CḡC”C,ChCḡCḡPSP°
C,,P°CḡPjP°PePsPeC-PSPμC,PëC†PSPsPjCḡ PjPsPrPμP»CḡPIP°PSPSC- C- PSPμ
PrPsCḡP»C-PrPḡCḡPIP°P»P°CḡCh Cḡ PeP»C-PSC-C†PSPëC... CḡPjPsPIP°C... (PrPëPI.
CḡPsP·PrC-P»Pë B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»,
B«PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°B» C- B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

PīPeC%Ps CḡPμPePsPjPμPSPPrPsPIP°PSP° PrPsP·P° CḡC,P°PSPsPIPëC,Ch 10 PjPi PsPrPëPS
CḡP°P· PSP° PrPsP±Cḡ, PePsCḡPμPeC†C-Cḡ PrPsP·Pë PSPμ PīPsC,CḡC-P±PSP°.

PμP°C†C-C”PSC,Pë P· PīPsCḡCḡCḡPμPSPSCḡPj C,,CḡPSPeC†C-C— PīPμC†C-PSPePë

PḡCḡP°CḡPμP»C,PsB® PīCḡPsC,PëPīPsPeP°P·P°PSPëPμ PīP°C†C-C”PSC,P°Pj C-P·
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PīPμC†C-PSPePë, C%Ps P°CḡPsC†C-CḡChC,ChCḡCḡ P·
PePsP°PiCḡP»PsPīP°C,C-C”Ch, CḡPeP° PīCḡPëP·PIPsPrPëC,Ch PrPs PeP»C-PSC-C†PSPs
P·PSP°C†CḡC%PsPiPs CḡPëP·PëPeCḡ PeCḡPsPIPsC,PμC†C-, PI C,PsPjCḡ C†PëCḡP»C-
C...PIPsCḡPëPj PSP° C†PëCḡPsP· PīPμC†C-PSPePë PeP»P°CḡCḡ P’ C,P° Pŷ P·P°
PeP»P°CḡPëC,,C-PeP°C†C-C”Ch PḡP°PμP»PrP°Bḡ”PḡBḡ™ Ch (PrPëPI. CḡPsP·PrC-P»Pë
B«PḡCḡPsC,PëPīPsPeP°P·P°PSPSCḡB» C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

PμP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCḡ

PḡPsCḡPμPeC†C-Cḡ PrPsP·Pë PSPμ PīPsC,CḡC-P±PSP° (PrPëPI. CḡPsP·PrC-P»

P—P°C,,C-PeCfPSPsPIP°PSPs C7C-PrPeC-CfPSC- PIPëPp°PrPePë PpµC7PµPrPsP·CfPIP°PSPSCl PrPs 1960 PjPi. Pj C7P°P·C- PpµC7PµPrPsP·CfPIP°PSPSCl Pp°C+C-C°PSC,P° CfP»C-Pr C7PµC,PµP»CHPSPs PsPiP»CfPSCfC,Pë C%PsPrPs C,P°PePëC... CfCfPeP»P°PrPSPµPSCH, ClPe PeC7PsPIPsC,PµCfP° P°P±Ps C-PSC€C- PpPs±C-CfPSC- C7PµP°PeC+C-C— (PrPëPI. PSPëP¶CfPµ B«P>C-PeCfPIP°PSPSCl PeC7PsPIPsC,PµCfB»). PJPSP°CfP»C-PrPsPe PsP±PjPµP¶PµPSPsC— P°P±CfPsC7P±C+C-C— PpC7Pë PIPIPµPrPµPSPSC- P»C-PeP°C7CfCHPePsPiPs P·P°CfPsP±Cf Cf PrPsP·P°C..., C%Ps P·PSP°CfPSPs PpµC7PµPIPëC%CrC7C,CH C,PµC7P°PpµPIC,PëCfPSC- (50 PjPi P°P±Ps PIPëC%Pµ), PsCfC-PeCfC°C,CHCfCf PµC,,PµPeC, PSP°CfPëCfPµPSPSCl P±PµP· PpPsPrP°P»CHC€PsPiPs P·C7PsCfC,P°PSPSCl CfPµC7PµPrPSCHPsPiPs C7C-PIPSCl Cf Pp»P°P·PjC- PeC7PsPIC-.

PkP°CfPIPSPëPµ CfPpµCfPëC,,C-CfPSPëPµ PSPµPµC,C7P°P»C-P·CfC7CfPëPµ P·P°CfC-P± (P°PSPPrPµPeCfP°PSPµC, P°P»CHC,,P°), ClPePëPµ PpC7PsC,PëPrC-C° C,,P°C7PjP°PePsP»PsPiC-CfPSPëPj PµC,,PµPeC,P°Pj C7PëPIP°C7PsPeCfP°P±P°PSCf (PrPëPI. PePsC7PsC,PeCf C...P°C7P°PeC,PµC7PëCfC,PëPeCf PpC7PµPp°C7P°C,Cf P°PSPPrPµPeCfP°PSPµC, P°P»CHC,,P°). PµC7Pë PpµC7PµPrPsP·CfPIP°PSPSC- P»C-PeP°C7CfCHPePsPiPs P·P°CfPsP±Cf PrP»Cl P·PjPµPSC€PµPSPSCl PICfPjPsPeC,CfPIP°PSPSCl C7PëPIP°C7PsPeCfP°P±P°PSCf PjPsP¶PSP° P·P°CfC,PsCfPsPICfPIP°C,Pë P°PeC,PëIPsPIP°PSPµ PICfPiC-P»P»Cl.

P>C-PeCfPIP°PSPSCl PeC7PsPIPsC,PµCf

PµC7Pë PIPëPSPëPePSPµPSPSC- CfCfPeP»P°PrPSPµPSCH Cf PIPëPiP»ClPrC- PeC7PsPIPsC,PµCfC- CfP»C-Pr PIC-PrPeP»P°CfC,Pë PIPIPµPrPµPSPSCl PSP°CfC,CfPpSPsC— PrPsP·Pë C7PëPIP°C7PsPeCfP°P±P°PSCf P°P±Ps PpC7PëPpPëPSPëC,Pë P»C-PeCfPIP°PSPSCl, P·P°P»PµP¶PSPs PIC-Pr CfPëC,CfP°C+C-C—. PµPµC7C-PsPr PSP°PpC-PIPëPIPµPrPµPSPSCl C7PëPIP°C7PsPeCfP°P±P°PSCf CfC,P°PSPsPIPëC,CH PpC7PëP±P»PëP·PSPs 5B7“13 PpPsPrPëPS (PrPëPI. C7PsP·PrC-P» B«P»P°C7PjP°PePsP»PsPiC-CfPSC- PIP»P°CfC,PëIPsCfC,C-B»). P>C-PeCfPIP°PSPSCl CfP»C-Pr PpC7PëP·PSP°CfP°C,Pë C-PSPPrPëPIC-PrCfP°P»CHPSPs, P·P°P»PµP¶PSPs PIC-Pr C-PSC,PµPSCfPëIPSPsCfC,C- C,P° P»PsPeP°P»C-P·P°C+C-C— PeC7PsPIPsC,PµCfC-. Pj C7P°P·C- PpPsC,C7PµP±Pë CfP»C-Pr PpC7PsPIPµCfC,Pë PSP°P»PµP¶PSPµ CfPëPjPiC,PsPjP°C,PëCfPSPµ P»C-PeCfPIP°PSPSCl, PSP°PpC7PëPeP»P°Pr PjPµC...P°PSC-CfPSCf PePsPjPpC7PµCfC-CH PpC7Pë C-PSC,PµPSCfPëIPSC-Pµ PeC7PsPIPsC,PµCfC- P· PSPsCfP°, C...C-C7CfC7PiC-CfPSPëPµ PpµPjPsCfC,P°P· P· PpC7PsCfPµPrCfC7P°PjPë PePsPSC,C7PsP»CH PeC7PsPIPsC,PµCfC-, PIC-PrPSPsPIP»PµPSPSCl PIPsPrPSPs-PµP»PµPeC,C7PsP»C-C,PSPsPiPs P±P°P»P°PSCfCf C,P° PpµPjPsPrPëPSP°PjC-CfPSCf PiC-PrC,C7PëPjPeCf, PpµC7PµP»PëPIP°PSPSCl PeC7PsPIC- (PµC7PëC,C7PsCfPëC,P°C7PSPsC— PjP°CfPë P°P±Ps CfPIC-P¶PsP·P°PjPsC7PsP¶PµPSPsC— Pp»P°P·PjPë, PI P·P°P»PµP¶PSPsCfC,C- PIC-Pr CfC,P°PSCf, C%Ps PIPëPSPëPe: P°PSPµPjC-Cl CfPë PePsP°PiCfP»PsPp°C,C-Cl) P°P±Ps C,C7PsPjP±PsCfPëC,C-PI.

PpPeC%Ps PpC-CfP»Cl P·P°CfC,PsCfCfPIP°PSPSCl P·P°P·PSP°CfPµPSPëC... PIPëC%Pµ P·P°C...PsPrC-PI PeC7PsPIPsC,PµCfP° PSPµ PpC7PëPpPëPSPëP»P°CfCl, CfP»C-Pr C7PsP·PiP»CfPSCfC,Pë PjPsP¶P»PëPIC-CfC,CH P·P°CfC,PsCfCfPIP°PSPSCl CfPpµCfPëC,,C-CfPSPsPiPs PSPµPµC,C7P°P»C-P·CfC7CfPsPiPs P·P°CfPsP±Cf (P°PSPPrPµPeCfP°PSPµC,Cf P°P»CHC,,P°), C-PSPiC-P±C-C,PsC7P° C,,P°PeC,PsC7P° Xa, ClPePëPµ PpC7PsC,PëPrC-C° C,,P°C7PjP°PePsP»PsPiC-CfPSPëPj PµC,,PµPeC,P°Pj C7PëPIP°C7PsPeCfP°P±P°PSCf, P°P±PsPpC7PsPePsP°PiCfP»CfPSC,PSPëC... P»C-PeP°C7CfCHPePëC... P·P°CfPsP±C-PI, C,P°PePëC... ClPe PePsPSCfPµPSC,C7P°C, PpC7PsC,C7PsPjP±C-PSPsPIPsPiPs PePsPjPp»PµPeCfCf (P PŸPŸ), PePsPSCfPµPSC,C7P°C, P°PeC,PëIPsPIP°PSPsPiPs PpC7PsC,C7PsPjP±C-PSPsPIPsPiPs PePsPjPp»PµPeCfCf (P7P PŸPŸ) P°P±Ps C7PµPePsPjP±C-PSP°PSC,PSPëPµ C,,P°PeC,PsC7 VIIa (r-FVIIa). PµC7PsC,Pµ

PrPsCfPIC-Pr P·P°CfC,PsCfCfPIP°PSPSCЦ C†PëC...P»C-PeP°CfCfCHPePëC... P·P°CfPsP±C-PI
 PïCfPë PïPµCfPµPrPsP·CfPIP°PSPSC- CfPëPIP°CfPsPeCfP°P±P°PSCr PsP±PjPµP¶PµPSPëP№.
 P PµPePsPjPµPSPPrP°C†C-C— C,P°PePsP¶ P±P°P·CfCfC,CHCfCЦ PSP° PsP±PjPµP¶PµPSPëC...
 PSPµPeP»C-PSC-C†PSPëC... PrP°PSPëC.... PµPsCfPµPeC†C-Ц PrPsP·Pë
 CfPµPePsPjP±C-PSP°PSC,PSPsPiPs C,,P°PeC,PsCfP° VIIa PjP°C” P·PrC-P№CfPSCfPIP°C,PëCfCЦ
 C,P° C,PëC,CfCfPIP°PSPSCЦ PïPsPIPëPSPSPs PïCfPsPIPsPrPëC,PëCfCЦ P·P°P»PµP¶PSPs PIC-Pr
 CfC,CfPïPµPSCЦ PePsPSC,CfPsP»Cf PSP°Pr PeCfPsPIPsC,PµC†PµCf. Pj PIPëPïP°PrPeCf
 PjP°CfPëPIPSPëC... PeCfPsPIPsC,PµC† CfP»C-Pr CfPsP·PiP»CЦPSCrC,Pë PïPëC,P°PSPSCЦ
 C%PsPrPs PePsPSCfCfP»CHC,P°C†C-C— PiPµPjP°C,PsP»PsPiP°, P·P°P»PµP¶PSPs PIC-Pr
 CfPëC,CfP°C†C-C— (PrPëPI. CfPsP·PrC-P» B«P»P°CfPjP°PePsP»PsPiC-C†PSC-
 PIP»P°CfC,PëPIPsCfC,C-B»).

PµCfPsC,P°PjC-PSCr CfCfP»CHC,,P°C, C- PIC-C,P°PjC-PS Pµ PSPµ PïPsPIPëPSPSC-
 PIP»PëPIP°C,Pë PSP° P°PSC,PëPePsP°PiCfP»CЦPSC,PSCr P°PeC,PëPIPS-CfC,CH
 CfPëPIP°CfPsPeCfP°P±P°PSCr. PkP°CЦIPSPëP№ PsP±PjPµP¶PµPSPëP№ PrPsCfPIC-Pr
 P·P°CfC,PsCfCfPIP°PSPSCЦ C,CfP°PSPµPeCfP°PjPsPIPsC— PePëCfP»PsC,Pë C,P°
 PIC-PrCfCfC,PSC-P№ PrPsCfPIC-Pr P·P°CfC,PsCfCfPIP°PSPSCЦ
 P°PjC-PSPsPeP°PïCfPsPSPsPIPsC— PePëCfP»PsC,Pë C- P°PïCfPsC,PëPSC-PSCr Cf
 PïP°C†C-C”PSC,C-PI, CЦPeC- PsC,CfPëPjCfCfC,CH CfPëPIP°CfPsPeCfP°P±P°PS.
 PkP°CfPePsPIPsPiPs PsP±T’CfCfPSC,CfPIP°PSPSCЦ PrPsC†C-P»CHPSPsCfC,C- P°P±Ps
 PrPsCfPIC-PrCf P·P°CfC,PsCfCfPIP°PSPSCЦ CfPëCfC,PµPjPSPsPiPs
 PiPµPjPsCfC,P°C,PëC†PSPsPiPs P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf
 PrPµCfPjPsPïCfPµCfPëPSCr PrP»CЦ CfCfCfPSPµPSPSCЦ CfPëPjPiC,PsPjC-PI
 PïPµCfPµPrPsP·CfPIP°PSPSCЦ CfPëPIP°CfPsPeCfP°P±P°PSCr PSPµPjP°C”. P— PsPiP»CЦPrCf
 PSP° PIPëCfPsPePµ P·PiBf™ CЦP·CfPIP°PSPSCЦ P· P±C-P»PeP°PjPë PïP»P°P·PjPë PeCfPsPIC-
 PsC†C-PeCfC”C,CHCfCЦ, C%Ps CfPëPIP°CfPsPeCfP°P±P°PS PSPµ PIPëPIPsPrPëC,CHCfCЦ P·
 PsCfPiP°PSC-P·PjCf CëP»CЦC...PsPj PrC-P°P»C-P·Cf.

PµPsP±C-C†PSC- CfPµP°PeC†C-C—.

P’PµP·PiPµPeCf CfPëPIP°CfPsPeCfP°P±P°PSCr PsC†C-PSCfPIP°P»Pë Cf C...PsPrC- 13
 PeP»CHC†PsPIPëC... PrPsCfP»C-PrP¶PµPSCf C,,P°P·Pë P†P†P† (PrPëPI. C,P°P±P»PëC†Cf 7).

P—P°PiP°P»PsPj 69608 PrPsCfPsCfP»PëC... PïP°C†C-C”PSC,C-PI Cf
 PrPµPiBf™ CЦC,PSP°PrC†CЦC,Pë PrPsCfP»C-PrP¶PµPSPSCЦC... C,,P°P·Pë III C,P° 488
 PïPµPrC-P°C,CfPëC†PSPëC... PïP°C†C-C”PSC,C-PI Cf PrPIPsC... PrPsCfP»C-PrP¶PµPSPSCЦC...
 C,,P°P·Pë II C,P° PrPIPsC... PrPsCfP»C-PrP¶PµPSPSCЦC... C,,P°P·Pë III P·P°P·PSP°P»Pë
 PIP»PëPICr CfPëPIP°CfPsPeCfP°P±P°PSCr.

PÿP°P±P»PëC†CЦ 7. PµC-P»CHPeC-CfC,CH PïP°C†C-C”PSC,C-PI, CЦPeC- P±CfP°P»Pë
 CfC†P°CfC,CH Cf PrPsCfP»C-PrP¶PµPSPSC-, P·P°PiP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° C,P°
 PjP°PeCfPëPjP°P»CHPSP° C,CfPëPIP°P»C-CfC,CH P»C-PeCfPIP°PSPSCЦ PrPsCfPsCfP»PëC...
 C,P° PïPµPrC-P°C,CfPëC†PSPëC... PïP°C†C-C”PSC,C-PI Cf PrPsCfP»C-PrP¶PµPSPSCЦC...
 C,,P°P·Pë P†P†P†.

PµPsPeP°P·P°PSPSCЦ	PµC-P»CHPeC-CfC,CH PïP°C†C-C”PSC,C-PI*	P—P°PiP°P»CHPSP° PrPsP±PsPIP° PrPsP·P°	PµP°PeCfPëPjP°P»CHPSP° C,CfPëPIP°P»C-CfC,CH P»C-PeCfPIP°PSPSCЦ
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PeC₇PsPIPsC,P_μC_‡C- C€P»C₁PSPePsPIPs-PeP€C€PePsPIPsPiPs C,C₇P°PeC,C₁ (3,8%).

PŷP°P±P»P€C_‡C_‡ 8. PŠP°C₁C,P_sC,P° C₇PsP·PIP€C,PeC₁ PeC₇PsPIPsC,P_μC_‡* C,P° P°PSP_μPjC-C— C₁ P₁P°C_‡C-C”PSC,C-PI, C_‡PeC- P_sC,C₇P€PjC₁P₁P°P»P€ C₇P€PIP°C₇PsPeC₁P°P±P°PS P₁C₇PsC,C_‡PiPsPj P·P°PIP_μC₇C€P_μPSP€C... PrPsC₁P»C-PrP¶P_μPSCH P_‡P_‡P_‡ C,,P°P·P€ P·P° C₁C_‡P°C₁C,C₇ PrPsC₇PsC₁P»P€C... C,P° P₁P_μPrC-P°C,C₇P€C_‡PSP€C... P₁P°C_‡C-C”PSC,C-PI

P _μ PsPeP°P·P°PSPSC _‡	P'CrPrCH-C _‡ PeP° PeC ₇ PsPIPsC,P _μ C _‡ P°	P ₇ PSP _μ PjC-C _‡
P _μ C ₇ PsC,,C-P»P°PeC,P€PeP° PIP _μ PSPsP·PSPsC— C,C ₇ PsPjP±PsP _μ PjP±PsP»C-C— (P'PŷP·) C ₁ PrPsC ₇ PsC ₁ P»P€C... P ₁ P°C _‡ C-C”PSC,C-PI, C _‡ PeP€Pj P ₁ C ₇ PsPIPsPrC _‡ C,C ₇ PsP ₁ P _μ C ₇ P°C,P€PIPSC- PIC,C ₇ C ₁ C _‡ P°PSPSC _‡ P· P _μ PSP ₁ PsP ₁ C ₇ PsC,P _μ P·C ₁ P ₁ P°PSPSC _‡ PeC ₁ P»C ₇ C€PsPIPsPiPs C _‡ P€ PePsP»C-PSPSPsPiPs C ₁ C ₁ PiP»PsP±C-PI	6,8 % P ₁ P°C _‡ C-C”PSC,C-PI	5,9 % P ₁ P°C _‡ C-C”PSC,C-PI
P _μ C ₇ PsC,,C-P»P°PeC,P€PeP° PIP _μ PSPsP·PSPsC— C,C ₇ PsPjP±PsP _μ PjP±PsP»C-C— C ₁ C ₁ P _s PjP°C,P€C _‡ PSP€C... P ₁ P°C _‡ C-C”PSC,C-PI	12,6 % P ₁ P°C _‡ C-C”PSC,C-PI	2,1 % P ₁ P°C _‡ C-C”PSC,C-PI
P>C-PeC ₁ P ₁ P°PSPSC _‡ PŷP'P', PŷP·P>P ₇ C- P ₁ C ₇ PsC,,C-P»P°PeC,P€PeP° C ₇ P _μ C _‡ P€PrP€PIC ₁ P'PŷP· C ₁ PSPsPIPsPSP°C ₇ PsPrP¶P _μ PSP€C... C,P° PrC-C,P _μ P _μ (PIC-PePsPj PrPs 18 C ₇ PsPeC-PI) P ₁ C-C ₁ P»C _‡ P ₁ PsC _‡ P°C,PeC ₁ C ₁ C,P°PSP ₁ P°C ₇ C,PSPsC— P°PSC,P€PePsP°P ₁ C ₁ P»C _‡ PSC,PSPsC— C,P _μ C ₇ P°P ₁ C—	23 % P ₁ P°C _‡ C-C”PSC,C-PI	1,6 % P ₁ P°C _‡ C-C”PSC,C-PI
P>C-PeC ₁ P ₁ P°PSPSC _‡ P'PŷP· C,P° P ₁ C ₇ PsC,,C-P»P°PeC,P€PeP° C ₇ P _μ C _‡ P€PrP€PIC-PI P'PŷP· C ₁ PSPsPIPsPSP°C ₇ PsPrP¶P _μ PSP€C... C,P° PrC-C,P _μ P _μ (PIC-PePsPj PrPs 18 C ₇ PsPeC-PI) P ₁ C-C ₁ P»C _‡ P ₁ PsC _‡ P°C,PeC ₁ C ₁ C,P°PSP ₁ P°C ₇ C,PSPsC— P°PSC,P€PePsP°P ₁ C ₁ P»C _‡ PSC,PSPsC— C,P _μ C ₇ P°P ₁ C—	39,5 % P ₁ P°C _‡ C-C”PSC,C-PI	4,6 % P ₁ P°C _‡ C-C”PSC,C-PI
P _μ C ₇ PsC,,C-P»P°PeC,P€PeP° C-PSC ₁ C ₁ P»C ₇ C,C ₁ C,P° C ₁ P€C ₁ C,P _μ PjPSPsC— P _μ PjP±PsP»C-C— C ₁ PrPsC ₇ PsC ₁ P»P€C... P ₁ P°C _‡ C-C”PSC,C-PI C-P· PSP _μ PeP»P°P ₁ P°PSPSPsC ₇ C,,C-P±C ₇ P€P»C _‡ C _‡ C-C”C ₇ P ₁ P _μ C ₇ P _μ PrC ₁ P _μ C ₇ PrC ₇	28 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI	2,5 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI
P _μ C ₇ PsC,,C-P»P°PeC,P€PeP° P°C,P _μ C ₇ PsC,C ₇ PsPjP±PsC,P€C _‡ PSP€C... C _‡ PIP€C% C ₁ PrPsC ₇ PsC ₁ P»P€C... P ₁ P°C _‡ C-C”PSC,C-PI P ₁ C-C ₁ P»C _‡ C _‡ P ₁ P _μ C ₇ P _μ PSP _μ C ₁ P _μ PSPsPiPs PiPsC ₁ C,C ₇ PsPiPs PePsC ₇ PsPSP°C ₇ PSPsPiPs C ₁ P€PSP ₁ C ₇ PsPjC ₁ (P°P ₇ Pŷ)	22 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI	1,4 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI
P _μ C ₇ PsC,,C-P»P°PeC,P€PeP° P°C,P _μ C ₇ PsC,C ₇ PsPjP±PsC,P€C _‡ PSP€C... C _‡ PIP€C% C ₁ P ₁ P°C _‡ C-C”PSC,C-PI P· P _‡ P ₁ Pŷ/P—P _μ P ₇	6,7 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps-C ₇ PsPeC-PI	0,15 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI**
	8,38 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps-C ₇ PsPeC-PI [#]	0,74 PSP° 100 P ₁ P°C _‡ C-C”PSC,Ps- C ₇ PsPeC-PI*** [#]

* P”P»C_‡ PIC₁C-C... PrPsC₁P»C-PrP¶P_μPSCH C₇P€PIP°C₇PsPeC₁P°P±P°PSC₁ PIC₁C-C— C_‡PIP€C%P° PeC₇PsPIPsC,P_μC_‡ P·C-P±C₇P°PSC-, PIC-PrC₇P_μPiPsC₇C,PsPIP°PSC- C,P° C₇PsP·PiP»C_‡PSC₁C,C-.

** Pj PrPsC₁P»C-PrP¶P_μPSPSC- COMPASS C_‡P°C₁C,P_sC,P° P°PSP_μPjC-C— P±C₁P»P° PSP€P·CHPePsC₇ P₁C₇P€ PIP€PePsC₇P€C₁C,P°PSPSC- PIP€P±C-C₇PePsPIPsPiPs

PĭC-PrC...PsPrCř PrPs P·P±PsCřCř PĭPsP±C-C‡PSPĕC... CĬPIPĕC‰.

*** P´CřPI P·P°CĬC,PsCĬPsPIP°PSPĕPNĕ PIPĕP±C-CřPePsPIPĕPNĕ PĭC-PrC...C-Pr PrPs P·P±PsCřCř C-PSC,,PsCřPjP°C†C-C— PĭCřPs PSPµP±P°P¶P°PSC- CĬPIPĕC‰P°.

P— PrPsCĬP»C-PrP¶PµPSPSCĬ VOYAGER PAD.

PќPĕP¶C‡Pµ Cř C,P°P±P»PĕC†C- 9 PSP°PIPµPrPµPSPs C‡P°CĬC,PsC,Cř PĭPsP±C-C‡PSPĕC... CřPµP°PeC†C-PNĕ, C‰Ps PIPĕPSPĕPeP°P»Pĕ PĭCřPĕ P·P°CĬC,PsCĬCřPIP°PSPSC-P»C-PeP°CřCĬChPePsPiPs P·P°CĬPsP±Cř PљCĬP°CřPµP»C,PsB® Cř PrPsCřPsCĬP»PĕC... C,P° PĭPµPrC-P°C,CřPĕC‡PSPĕC... PĭP°C†C-C”PSC,C-PI. PµPsP±C-C‡PSC- CřPµP°PeC†C-C— CřP·P°PiP°P»ChPSPµPSC- C,P° PsPĭPĕCĬP°PSC- P· PIPĕPePsCřPĕCĬC,P°PSPSCĬPj PeP»P°CĬPĕC,,C-PeP°C†C-C— CĬPĕCĬC,PµPj PsCřPiP°PSC-PI (MedDRA). Pj PjPµP¶P°C... PePsP¶PSPsC— PĭCřCřPĭPĕ PĭPsP±C-C‡PSC- CřPµP°PeC†C-C— PĭCřPµPrCĬC,P°PIP»PµPSC- Cř PĭPsCřCĬPrPeCř P·PjPµPSCĖPµPSPSCĬ C—C... C,CĬP¶PePsCĬC,C-.

PřP°CĬC,PsC,P° PĭPsP±C-C‡PSPĕC... CřPµP°PeC†C-PNĕ PIPĕP·PSP°C‡P°C”C,ChCĬCĬ C,P°PePĕPj C‡PĕPSPsPj: PrCřP¶Pµ C‡P°CĬC,Ps (≥ 1/10); C‡P°CĬC,Ps (≥ 1/100 вЂ” < 1/10); PSPµC‡P°CĬC,Ps (≥ 1/1000 вЂ” < 1/100); PĭPsPsPrPĕPSPsPeC- (≥ 1/10000 вЂ” <1/1000); PrCřP¶Pµ CřC-PrPePs (< 1/10000); C‡P°CĬC,PsC,P° PSPµPIC-PrPsPjP° (PSPµ PjPsP¶Pµ P±CřC,Pĕ PICĬC,P°PSPsPIP»PµPSP° P·P° PSP°CĬPIPSPĕPjPĕ PrP°PSPĕPjPĕ).

PŸP°P±P»PĕC†CĬ 9. PJCĬC- PĭPsP±C-C‡PSC- CřPµP°PeC†C-C—, PIC-PrPjC-C‡PµPSC- Cř PrPsCřPsCĬP»PĕC... PĭP°C†C-C”PSC,C-PI PĭC-CĬP»CĬ PĭPsC‡P°C,PeCř P»C-PeCřPIP°PSPSCĬ PI C...PsPrC- PrPsCĬP»C-PrP¶PµPSCĤ C,,P°P·Pĕ P†P†P† P°P±Ps Cř PĭC-CĬP»CĬCřPµC”CĬC,CřP°C†C-PNĕPSPsPjCř PĭPµCřC-PsPrC-* C,P° Cř PĭPµPrC-P°C,CřPĕC‡PSPĕC... PĭP°C†C-C”PSC,C-PI Cř PrPIPsC... PrPsCĬP»C-PrP¶PµPSPSCĬC... C,,P°P·Pĕ II C,P° PrPIPsC... PrPsCĬP»C-PrP¶PµPSPSCĬC... C,,P°P·Pĕ III

PřP°CĬC,Ps	PќPµC‡P°CĬC,Ps	PµPsPsPrPePSPsPeC-	P”CřP¶Pµ CřC-PrPePs	PřP°CĬC,PsC,P° PSpµPIC-PrPsPjP°
PµPsCřCžCĖPµPSPSCŮ P·P±PsPeCž PeCřPsPIPsSPsCřPSPsC— C,P° P»C-PĬC,P°C,PĕC‡PSPsC— CřPeCřC,PµPjPĕ				
PĥPSPµPjC-CŮ (PIPeP»CřC‡P°CřC‡Pĕ PĬC-PrPIPsPIC-PrPSC- P»P°P±PsCřP°C,P₃CřPSC- PĭP°CřPµPjC,CřPĕC)	PŸCřPsPjP±PsC†PĕC,PsP· (PIPeP»CřC‡P°CřC‡Pĕ P·P±C-P»CĥCĖPµPSPSCŮ PeC-P»CĥPePsCřC,C-C,CřPsPjP±PsC†PĕC,C-PI)°,C,CřPsPjP±PsC†PĕC,PsPĭPµPSC-CŮ			
PµPsCřCžCĖPµPSPSCŮ P·P±PsPeCž C-PĬCžPSPSPsC— CřPeCřC,PµPjPĕ				
	PĥP»PµCřPiC-C‡PSP° CřPµP°PeC†C-CŮ, P°P»PµCřPiC-C‡PSPĖPNĕ PrPµCřPjP°C,PeC,, P°PSPiC-PsPSPµPICřPsC,PĕC‡PSPĖPNĕ C,P° P°P»PµCřPiC-C‡PSPĖPNĕ PSP°P±CřCŮPe		PĥPSP°C,C-P»P°PeC,PĕC‡PSC- CřPµP°PeC†C-C—, PIPeP»CřC‡P°CřC‡Pĕ P°PSP°C,C-P»P°PeC,PĕC‡PSPĖPNĕ CĖPsPe	
P PsP·P»P°PrPĕ P·P±PsPeCž PSpµCřPIPsPIPsC— CřPeCřC,PµPjPĕ				
P—P°PIP°PjPsCřPsC†PµPSPSCŮ, PĭPsP»PsPIPsPĖPNĕ P±C-P»Cĥ	PĥPsP·PePsPIC- C,P° PIPSCřC,CřC-CĖPSCĥPsC†PµCřPµPIPSC- PeCřPsPIPsPIPĖP»PĖPIPĕ, CřPĖPSPePsPIP°P»CĥPSPĖPNĕ CřC,P°PS			
PµPsCřCžCĖPµPSPSCŮ P·P±PsPeCž PsCřPIP°PSC-PI P·PsCřCž				
PĥC‡PSPĖPNĕ PeCřPsPIPsPIPĖP»PĖPI (PIPeP»CřC‡P°CřC‡Pĕ PeCřPsPIPsPIPĖP»PĖPI Cř PePsPšĤ” CřPSPĖC,PĖPICř)				
PVPµCřC†PµPIC- PĭPsCřCžCĖPµPSPSCŮ				
	PŸP°C...C-PeP°CřPrC-CŮ			
PVCžPrPePSPSC- PĭPsCřCžCĖPµPSPSCŮ				
PĥCřC,PµCřC-P°P»CĥPSP° PĬC-PĭPsC,PµPSP C-CŮ, PĭPµPĬC,PšPjP°				
P PµCřPIC-CřP°C,P₃CřPSC- CřPsP·P»P°PrPĕ, PĭP°C,PsP»PsPiC-CŮ CřPµCřPµPrPsCřC,C-PSPSCŮ C,P° PĬCřCžPrPSPsC— PeP»C-C,PĖPSPĖ				
PќPSCřPsPIP° PeCřPsPIPsC,PµC‡P°, PeCřPsPIPsC...P°CřPeP°PSPSCŮ			P·PsP·PePSPsC,C-P»CĥPSP° PĭPSPµPIPjPsPSC-CŮ	
P PsP·P»P°PrPĕ P·P±PsPeCž CĖP»CžPSPsPIPs-PePeCĖPePsPIPsPiPs C,CřP°PeC,Cž				
PĥCřPsPIPsC,PµC†C-P· CŮC†PµPS, CĖP»CřPSPePiPs-PePeCĖPePsPIC- PeCřPsPIPsC,PµC†C- (PIPeP»CřC‡P°CřC‡Pĕ CřPµPeC,P°P»CĥPSCř PeCřPsPIPsC,PµC‡Cř), P±C-P»Cĥ Cř CĖP»CřPSPePiPs-PePeCĖPePsPIPsPjCř C,CřP°PeC,C-C,P° P¶PĖPIPsC,C-, PrPĕCĬPĭPµPICřC-CŮ, PSCřPrPsC,P°, P·P°PIPsCř), PrC-P°CřPµCŮ, P±P»CřPIP°PSPSCŮ^	PŸCřC...C-CřC,Cř Cř CřPsC,C-			
P°PµPIP°C,PsP±C-P»C-P°CřPSC- PĭPsCřCžCĖPµPSPSCŮ				

[illegible]

A^A P'C-PrP·PSP°C‡PμPSPs Cr C...PsPrC- PīCḡPsC,,C-P»P°PeC,PëPePë P'PÿP• Cr
PrPsCḡPsCÍP»PëC... PīP°C‡C-C"PSC,C-PI, C‡PePëPj PīCḡPsPIPsPrPëP»Pë PiP»P°PSPsPICr
PsPiPμCḡP°C‡C-Cḡ P· PμPSPrPsPīCḡPsC,PμP·CḡPIP°PSPSC‡ PeCḡP»CḡCḡPsPIPsPiPs P°P±Ps
PePsP»C-PSPSPsPiPs CÍCḡPiP»PsP±C-PI.

B P'C-PrP·PSP°C‡PμPSC- PI C...PsPrC- P»C-PeCfPIP°PSPSC¶ PŷP"P", PŷP·P»Pĥ C,P°
PiCĤjPsC,,C-P»P°PeC,PēPePē C—C... CĤjPμC‡PēPrPēPIC-PI C¶Pe PrCfP¶Pμ C‡P°CfC,C- Cf
P¶C-PSPsPe PjPsP»PsPrC€Pμ 55 CĤPsPeC-PI.

Pŷ P°PëP·PSP°C‡P°P»PëCÍCÍ CÍPe PSPµC‡P°CÍC,C- PïCĤPë PïCĤPsPIPµPrPµPSPSC-
PïCĤPsC,,C-P»P°PeC,PëPePë P°C,PµCĤPsC,CĤPsPjP±PsC,PëC‡PSPëC... CÍPIPëC‰ Cr
PiP°C‡C-C°PSC,C-PI, CÍPeC- PïPµCĤPµPSPµCÍP»Pë P°P°Pŷ (PiC-CÍP»CÍ
C‡PµCĤPµP·CëPeC-CĤPSPsPiPs PIC,CĤCrC‡P°PSPSCÍ).

* P'CrP»Ps P·P°Cl'C,PsCl'PsPIP°PSPs P·P·P·PrP°P»PμPiC-PrCH PIPëP·PSP°C†PμPSPëPNë
PIPëP±C-CḡPePsPIPëPNë P'c-PrC...C-Pr PrPs P·P±PsCḡCr C-PSC,,PsCḡPjP°C†C-C— P'cḡPs
PiPsP±C-C†PSC- CḡPμP°PeC†C-C— P I PsPeCḡPμPjPëC... PrPsCl'P»C-PrP¶PμPSPSCl'C... C,,P°P·Pë
III. P§P°Cl'C,PsC,P° PiPsP±C-C†PSPëC... CḡPμP°PeC†C-PNë PSPμ P·P±C-P»CHC€PëP»PëCl'CH
C,P° PSPμ P±CrP»Ps C-PrPμPSC,PëC,,C-PePsPIP°PSPs PSPsPIPëC... PiPsP±C-C†PSPëC...
CḡPμP°PeC†C-PNë P'c-Cl'P»C I P°PSP°P»C-P·Cr C†PëC... PrPsCl'P»C-PrP¶PμPSCḡ.

$$\text{P}^+\text{PSC}_n\text{PsC}_7\text{PjP}^\circ\text{C}^+\text{C}-\text{C}\equiv\text{C}\text{C}_1\text{C}_2\text{PsC}_1'\text{PsPIPSPs}\text{PsPeC}_7\text{PuPjP}\ddot{\text{C}}\dots\text{P}\ddot{\text{C}}\text{PsP}\pm\text{C}-\text{C}\mp\text{PSP}\ddot{\text{C}}\dots$$

P°PSC, PëPePsP°PiCíP»CłPSC, P°. PŷPsPjCí PíC-Pr C‡P°Cí PsC†C-PSPePë CíC, P°PSCí
PíP°C†C-C°PSC, P°, CłPePsPjCí PíCĤPëP·PSP°C‡P°CĤC, CĤ P°PSC, PëPePsP°PiCíP»CłPSC, Pë,
CíP»C-Pr P·PIP°P¶CíPIP°C, Pë CĤPëP·PëPe PIPëPSPëPePSPµPSPSCł PeCĤPsPIPsC, PµC‡C-.

PµPsPIC-PrPsPjP»PµPSPSCł PíCĤPs PSPµP±P°P¶P°PSC- PíPsP±C-C‡PSC- CĤPµP°PeC†C-C—

PµPsPIC-PrPsPjP»PµPSPSCł PíCĤPs PíC-PrPsP·CĤCĤPIP°PSC- PíPsP±C-C‡PSC-
CĤPµP°PeC†C-C— PíC-CíP»Cł CĤPµC°CíC, CĤP°C†C-C— P»C-PeP°CĤCíCĤPePsPiPs
P·P°CíPsP±Cí C° PIP°P¶P»PëPIPëPjPë. P'PsPSPë PrPsP·PIPsP»CłCĤC, CĤ PíCĤPsPIPsPrPëC, Pë
P±PµP·PíPµCĤPµCĤPIPSPëPNë PjPsPSC-C, PsCĤPëPSPi CíPíC-PIPIC-PrPSPSc€PµPSPSCł
PePsCĤPëCíC, CĤ/CĤPëP·PëPe C%PsPrPs P»C-PeP°CĤCíCĤPePsPiPs P·P°CíPsP±Cí.
PĤPµPrPëC‡PSC- PíCĤP°C†C-PIPSPëPePë PíPsPIPëPSPSC- PíPsPIC-PrPsPjP»CłC, Pë PíCĤPs
P±CíPrCĤ-CłPeC- PíC-PrPsP·CĤCĤPIP°PSC- PíPsP±C-C‡PSC- CĤPµP°PeC†C-C—.

PŷPµCĤPjC-PS PíCĤPëPrP°C, PSPsCíC, C-.

3 CĤPsPePë.

PµPsPrCĤC-P±PSPµPSC- C, P°P±P»PµC, PePë. PµPsPrCĤC-P±PSPµPSC- C, P°P±P»PµC, PePë
CĤPëPIP°CĤPsPeCíP°P±P°PSCí CíC, P°P±C-P»CĤPSC- Cí PIPsPrC- C, P° CłP±P»CíC‡PSPsPjCí
PíCĤCĤPµ PrPs 4 PíPsPrPëPS.

PjPjPsPIPë P·P±PµCĤC-PiP°PSPSCł.

P—P±PµCĤC-PiP°C, Pë PíCĤPë C, PµPjPíPµCĤP°C, CíCĤC- PSPµ PIPëC%Pµ 30 °Pŷ Cí
PSPµPrPsCíC, CíPíPSPsPjCí PrP»Cł PrC-C, PµPNë PjC-CíC†C-.

PjPíP°PePsPIPeP°.

B„-5 (5×1): PíPs 5 C, P°P±P»PµC, PsPe Cí P±P»C-CíC, PµCĤC-; PíPs 1 P±P»C-CíC, PµCĤCí Cí
PeP°CĤC, PsPSPSC-PNë PíP°C‡C†C-;

B„-10 (10×1), B„-100 (10×10): PíPs 10 C, P°P±P»PµC, PsPe Cí P±P»C-CíC, PµCĤC-; PíPs 1 P°P±Ps
PíPs 10 P±P»C-CíC, PµCĤC-PI Cí PeP°CĤC, PsPSPSC-PNë PíP°C‡C†C-;

B„-14 (14×1): PíPs 14 C, P°P±P»PµC, PsPe Cí P±P»C-CíC, PµCĤC-; PíPs 1 P±P»C-CíC, PµCĤCí Cí
PeP°CĤC, PsPSPSC-PNë PíP°C‡C†C-.

PĤP°C, PµPiPsCĤC-Cł PIC-PrPíCíCíPeCí.

P—P° CĤPµC†PµPíC, PsPj.

P'PëCĤPsP±PSPëPe.

Р'Р°РНс"СҢ РһР".

Р'Р°РНс"СҢ Р'С-С,С,РмСҢС,,РмР»СҺРґ Р"РјР±РІ.

**РһС-СІС†РмР•РSP°С...РsРґР¶РмРSPSCІІ РІРёСҢРsР±РSPёРсР° С,Р° Р°РґСҢРмСІР°
РјС-СІС†СІІ РіСҢРsРІРмРґРмРSPSCІІ Р№РsРiРs РґС-СІР»СҺРSPsСІС,С-.**

РљР°РНсР•РмСҢ-Р'С-Р»СҺРiРмР»СҺРј-РһР»РмР, 51368, Р>РмРІРмСҢРсСґР•РмРS,
РќС-РјРмС†С†РёРSP°.

РһСҢС,СЄС,Р°РНсР»СҺ Р"СҢРмРіРіС-РS, РŸРмРНсР»РiР°СІС,РмСҢ РёРsСІСІРм 1, 06803
Р'С-С,С,РмСҢС,,РмР»СҺРґ-Р'РsР»СҺС,,РмРS, РќС-РјРмС†С†РёРSP°.