

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

(ESCITAM ACINO)

РѠ°СҒРјР°°РєРѕС,РѠСҒР°°РїРѠРІС,РєС±РѕР° РїСҒСѓРїР°°. РђРѕС,РєРїРѠРїСҒРѠСѓСѓР°°РѕС,Рє. РўРѠР»РѠРєР,РєРІРІС- С-РѕРїС-Р±С-С,РѕСҒРє Р·РІРѕСҒРѕС,РѕРѕРїРѕ Р·Р°°С...РѕРїР»Р»РѠРѕСҒСѓ СѓСѓРѕСҒРѕС,РѕРѕС-РѕСѓ (РўРїР±—Р±—Рў). РљРѕРїР РђРўРў N06A B10.

PαP°CḡPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

P•CÍC†PëC,P°P»PsPíCḡP°Pj бḡ“ C†Pμ CÍPμP»PμPeC,PëPIPsPëPNë C-PSPiC-P±C-C,PSCḡ
P•PIPsCḡPsC,PSPsPiPs P•P°C...PsPíP»PμPSPSCÍ CÍPμCḡPsC,PSPSC-PSCr (PŸP†P—P—PŸ), C%Ps
C...P°CḡP°PeC,PμCḡPëP•CÍC”C,CHCÍCÍ PIPëCÍPSPePsCḡ P°C,,C-PSPSC-CÍC,Cḡ PrPs
PsCÍPSPsPIPsPSPsPiPs P•PIбḡ™ CÍP•CÍC”C,CHCÍCÍ CÍP•PNëC,Cr. P’C-PS C,P°PePsP¶
P•PIбḡ™ CÍP•CÍC”C,CHCÍCÍ P• P°P»PsCÍC,PμCḡPëC‡PSPëPj CÍP°PNëC,PSPj
C,CḡP°PSCÍPíPsCḡC,PμCḡP° CÍPμCḡPsC,PSPSC-PSCr, PíCḡPë C†CHPsPjCr
P°C,,C-PSPSC-CÍC,CH PrPs C†C-C”C— PrC-P»CÍPSPePë Cr

1000 CḡP°P•C-PI PSPëP¶C‡P°.

P•CÍC†PëC,P°P»PsPíCḡP°Pj PSPμ PjP°C” P•PsPICÍC-Pj P°P±Ps PjP°C” PrC†P¶Pμ CÍP»P°P±PeC†
P•PrP°C,PSC-CÍC,CH P•PIбḡ™ CÍP•CÍPIP°C,PëCÍCÍ P• PSPëP•PePsCḡ CḡPμC†PμPíC,PSCḡC-PI,
PIPeP»CḡC‡P°CḡC‡Pë CÍPμCḡPsC,PSPSC-PSPsPIC- 5-HT_{1Ph}, 5-HT₂-CḡPμC†PμPíC,PSCḡPë,
PrPsC,,P°PjC-PSPsPIC- D₁- C- D₂-CḡPμC†PμPíC,PSCḡPë, α₁-, α₂-, β-P°PrCḡPμPSPμCḡPiC-C‡PSC-
CḡPμC†PμPíC,PSCḡPë, PiC-CÍC,P°PjC-PSPsPIC- H₁-, Pḡ-C...PsP»C-PSPsCḡPμC†PμPíC,PSCḡPë,
P±PμPSP•PsPrC-P°P•PμPíC-PSPsPIC- C,P° PsPíC-P°C,PSC- CḡPμC†PμPíC,PSCḡPë.

P†PSPiC-P±C†PIP°PSPSCÍ P•PIPsCḡPsC,PSPsPiPs P•P°C...PsPíP»PμPSPSCÍ 5-HT C”
C”PrPëPSPëPj PjPsP¶P»PëPIPëPj PjPμC...P°PSC-P•PjPsPj PrC-C—, CÍPePëPNë PjPsP¶Pμ
PíPsCÍCÍPSCḡPIP°C,Pë C,,P°CḡPjP°PePsP»PsPiC-C‡PSC- C,P° PeP»C-PSC-C‡PSC- PμC,,PμPeC,Pë
PμCÍC†PëC,P°P»PsPíCḡP°PjCr.

PαP°CḡPjP°PePsPrPëPSP°PjC-C‡PSC- PμC,,PμPeC,Pë

P’ PsPrPSPsPjCr PíPsPrPIC-PNëPSPs CÍP»C-PíPsPjCr PíP»P°C†PμP±Ps-
PePsPSC,CḡPsP»CHPsPIP°PSPsPjCr PrPsCÍP»C-PrP¶PμPSPSC- PíPsPeP°P•PSPëPeC-PI P•PḡP” Cr
P•PrPsCḡPsPIPëC... PsCÍC-P± PíPsPrPsPIP¶PμPSPSCÍ C-PSC,PμCḡPIP°P»C† Qtc
(CÍPePsCḡPëPíPsPIP°PSPsPiPs P•P° C,,PsCḡPjCrP»PsCḡ PαCḡC-PrPμCḡC-PeP°) PIC-Pr
PIPëC...C-PrPSPsPiPs P•PSP°C‡PμPSPSCÍ CÍC,P°PSPsPIPëP»Ps 4,3 PjCÍ (90 % P”P†
(PrPsPIC-CḡC‡PëPNë C-PSC,PμCḡPIP°P»): 2,2, 6,4) PíCḡPë P•P°CÍC,PSCÍC†PIP°PSPSC-
P»C-PeP°CḡCÍCHPePsPiPs P•P°CÍPsP±C† Cr PrPsP•C- 10 PjPi/PrPsP±C† C,P° 10,7 PjCÍ (90 %
P”P†: 8,6, 12,8) PíCḡPë P•P°CÍC,PSCÍC†PIP°PSPSC- PrPsP•Pë, PIPëC%PsC— P•P°
C,PμCḡP°PíPμPIC,PëC‡PSCr, бḡ“ 30 PjPi/PrPsP±C† (PrPëPI. CḡPsP•PrC-P»Pë
B«PμCḡPsC,PëPíPsPeP°P•P°PSPSCÍB», B«PḡCÍPsP±P»PëPIPsCÍC,C-
P•P°CÍC,PSCÍC†PIP°PSPSCÍB», B«P’P•P°C”PjPsPrC-CÍ P• C-PSC€PëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P•P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP•P°C”PjPsPrC-PNëB»,
B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B», B«PμPμCḡPμPrPsP•C†PIP°PSPSCÍB»).

PḡP»C-PSC-C‡PSP° PμC,,PμPeC,PëPIPsC-CÍC,CH

P’PμP»PëPeC- PrPμPíCḡPμCÍPëPIPsC- PμPíC-P•PsPrPë

P•C,,PμPeC,PëPIPsC-CÍC,CH PμCÍC†PëC,P°P»PsPíCḡP°PjCr Cr P»C-PeC†PIP°PSPSC-
PIPμP»PëPePëC... PrPμPíCḡPμCÍPëPIPsPëC... PμPíC-P•PsPrC-PI Cr PíPsCÍC,CḡPëPNë
PíPμCḡC-PsPr P±C†P»P° PíPsPeP°P•P°PSP° Cr 3 P• 4 PíPsPrPIC-PNëPSPs CÍP»C-PíPëC...,
PíP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPëC..., PePsCḡPsC,PePsCÍC,CḡPsPePsPIPëC... (8-
C,PëP¶PSPμPIPëC...) PrPsCÍP»C-PrP¶PμPSCḡ. Pj PrPsPIPiPsCÍC,CḡPsPePsPIPsPjCr

PrPsCfP»C-PrP¶PµPSPSC- PiC¶PsC,,C-P»P°PeC,PëPePë C¶PµC†PëPrPëPICr 274
 PïP°C†C-C"°PSC,Pë, C¶PeC- PiC-Pr C†P°Cf PïPsC†P°C,PePsPIPsC— 8-C,PëP¶PSPµPIPsC—
 PIC-PrPeC¶PëC,PsC— C,,P°P·Pë PrPsCfP»C-PrP¶PµPSPSC¶ PIC-PrPïPsPIC-P»Pë PSP°
 P»C-PeCfPIP°PSPSC¶ PµCfC†PëC,P°P»PsPiC¶P°PjPsPj Cr PrPsP·C- 10 P°P±Ps 20 PjPi/PrPsP±Cr,
 P±CrP»Pë C¶P°PSPrPsPjC-P·PsPIP°PSC- PrP»C¶ PiC¶PsPrPsPIP¶PµPSPSC¶ PiC¶PëPNëPsPjCr
 PµCfC†PëC,P°P»PsPiC¶P°PjCr Cr C,C-PNë CfP°PjC-PNë PrPsP·C- P°P±Ps PiP»P°C†PµP±Ps
 PiC¶PsC,C¶PiPsPj PiPµC¶C-PsPrCr PrPs 36 C,PëP¶PSC-PI. Pj C†CHbPsPjCr
 PrPsCfP»C-PrP¶PµPSPSC- Cr PïP°C†C-C"°PSC,C-PI, C¶PeC- PiC¶PsPrPsPIP¶CfPIP°P»Pë
 PsC,C¶PëPjCrPIP°C,Pë PµCfC†PëC,P°P»PsPiC¶P°Pj, CfPiPsCfC,PµC¶C-PiP°PICfC¶
 CfC,P°C,PëCfC,PëC†PSPs P·PSP°C†CfC°%Ps P±C-P»CHbC C,C¶PëPIP°P»PëPNë PiPµC¶C-PsPr
 C†P°CfCr PrPs PIPëPSPëPePSPµPSPSC¶ C¶PµC†PëPrPëPICr Cr PjPµP¶P°C...
 PSP°CfC,CrPiPSPëC... 36 C,PëP¶PSC-PI Cr PiPsC¶C-PIPSC¶PSPSC- P· C,PëPjPë
 PïP°C†C-C"°PSC,P°PjPë, C¶PeC- PsC,C¶PëPjCrPIP°P»Pë PïP»P°C†PµP±Ps.

PŸPsC†C-P°P»CHbPSPëPNë C,C¶PëPIPsP¶PSPëPNë C¶PsP·P»P°Pr

P·CfC†PëC,P°P»PsPiC¶P°Pj PIPëC¶PIPëPICfC¶ PµC,,PµPeC,PëPIPSPëPj PrP»C¶
 P»C-PeCfPIP°PSPSC¶ CfPsC†C-P°P»CHbPSPsPiPs C,C¶PëPIPsP¶PSPsPiPs C¶PsP·P»P°PrCr C¶Pe
 Cr C,C¶CHbPsC... PePsC¶PsC,PePsCfC,C¶PsPePsPIPëC... (12-C,PëP¶PSPµPIPëC...)
 PrPsCfP»C-PrP¶PµPSPSC¶C..., C,P°Pe C- Cr 6-PjC-CfC¶C†PSPsPjCr
 PrPsCfP»C-PrP¶PµPSPSC-B PiC¶PsC,,C-P»P°PeC,PëPePë C¶PµC†PëPrPëPICr. Pj 24-
 C,PëP¶PSPµPIPsPjCr PrPsCfP»C-PrP¶PµPSPSC- PsPiC,PëPjP°P»CHbPSPsC— PrPsP·Pë P±CrP»P°
 PiC¶PsPrPµPjPsPSCfC,C¶PsPIP°PSP° PµC,,PµPeC,PëIPSC-CfC,CHb
 PµCfC†PëC,P°P»PsPiC¶P°PjCr Cr PrPsP·P°C... 5, 10 C,P° 20 PjPi.

P°PµPSPµC¶P°P»C-P·PsPIP°PSPëPNë C,C¶PëPIPsP¶PSPëPNë C¶PsP·P»P°Pr

P·CfC†PëC,P°P»PsPiC¶P°Pj Cr PrPsP·P°C... 10 C,P° 20 PjPi/PrPsP±Cr P±CrPI
 PµC,,PµPeC,PëPIPSPëPj Cr 4 P· 4 PiP»P°C†PµP±Ps-PePsPSC,C¶PsP»CHbPsPIP°PSPëC...
 PrPsCfP»C-PrP¶PµPSPSCb.

P—PiC-PrPSPs P· PsP±b¶™ C"PrPSP°PSPëPjPë PrP°PSPëPjPë C,C¶CHbPsC...
 PrPsCfP»C-PrP¶PµPSPSCb P· PiPsPrC-P±PSPëPj PrPëP·P°PNëPSPsPj, PI C¶PePëC... P·P°PiP°P»PsPj
 PIP·C¶PI CrC†P°CfC,CHb 421 PïP°C†C-C"°PSC,, C¶PeC- P»C-PeCfPIP°P»PëCfC¶
 PµCfC†PëC,P°P»PsPiC¶P°PjPsPj, C,P° 419 PïP°C†C-C"°PSC,C-PI, C¶PeC- PsC,C¶PëPjCrPIP°P»Pë
 PïP»P°C†PµP±Ps, PSP° P»C-PeCfPIP°PSPSC¶ PIC-PrPïPsPIC-P»Pë 47,5 % C,P° 28,9 %
 PïP°C†C-C"°PSC,C-PI PIC-PrPïPsPIC-PrPSPs, P° C¶PµPjC-CfC-C¶ PSP°CfC,P°P»P° Cr 37,1 % C,P°
 20,8 % PïP°C†C-C"°PSC,C-PI PIC-PrPïPsPIC-PrPSPs. PŸC,C-PNëPePëPNë PµC,,PµPeC,
 CfPiPsCfC,PµC¶C-PiP°PICfC¶ P· PiPµC¶C¶PsPiPs C,PëP¶PSC¶ P»C-PeCfPIP°PSPSC¶.

PµC-PrC,C¶PëPjCrC¶C†PëPNë PµC,,PµPeC, PµCfC†PëC,P°P»PsPiC¶P°PjCr Cr PrPsP·C- 20
 PjPi/PrPsP±Cr P±CrPI PiC¶PsPrPµPjPsPSCfC,C¶PsPIP°PSPëPNë Cr

24b¶"76-C,PëP¶PSPµPIPsPjCr C¶P°PSPrPsPjC-P·PsPIP°PSPsPjCr PrPsCfP»C-PrP¶PµPSPSC-
 PiC-PrC,C¶PëPjCrC¶C†PsPiPs PµC,,PµPeC,Cr P»C-PeCfPIP°PSPSC¶, PI C¶PePsPjCr PIP·C¶P»Pë
 CrC†P°CfC,CHb 373 PïP°C†C-C"°PSC,Pë, C°%Ps PIC-PrPïPsPIC-P»Pë PSP°
 P»C-PeP°C¶CfCHbPePëPNë P·P°CfC-P± PiC-Pr C†P°Cf PïPsC†P°C,PePsPIPsPiPs 12-
 C,PëP¶PSPµPIPsPiPs P»C-PeCfPIP°PSPSC¶ Cr PIC-PrPeC¶PëC,PsPjCr C¶PµP¶PëPjC-.

PhP±CfPµCfPëPIPsPs-PePsPjPiC¿P»CHbCfPëPIPsPëPNë C¶PsP·P»P°Pr

Pj C¶P°PSPrPsPjC-P·PsPIP°PSPsPjCr PiPsPrPIC-PNëPSPs CfP»C-PiPsPjCr PeP»C-PSC-C†PSPsPjCr

PrPsCfP»C-PrP¶PµPSPSC- PµCfC†PëC,P°P»PsPïCfP°Pj Cr PrPsP·C- 20 PjPi/PrPsP±Cf
PïCfPµPrPµPjPsPSCfC,CfCfPïP°PI PIC-PrPjC-PSPSC-CfC,Ch PIC-Pr PïP»P°C†PµP±Ps P·P°
P·P°PïP°P»ChPSPsCf PeC-P»ChPeC-CfC,Cf P±P°P»C-PI P·P° C¶PeP°P»PsCf Y-BOCS
(PëPeP°P»P° PrP»C¶ PsC†C-PSPePë PsP±CfPµCfPëPIPSPs-PePsPjPïCfP»ChCfPëPIPSPsPiPs
CfPµP·P»P°PrCf P™C”P»ChCfChPePsPiPs C- P’CfP°CfPSC-PICfChPePsPiPs
CfPSC-PIPµCfCfPëC,PµC,C-PI, Yale-Brown Obsessive Compulsive Scale) C†PµCfPµP· 12
C,PëP¶PSC-PI P»C-PeCfPïP°PSPSC¶. P\$PµCfPµP·

24 C,PëP¶PSC- PIC-PrPjC-C†P°P»PëCfC¶ PïPµCfPµPIP°PïPë P·P°CfC,PsCfCfPïP°PSPSC¶
PµCfC†PëC,P°P»PsPïCfP°PjCf C¶Pe Cr PrPsP·C- 10 PjPi/PrPsP±Cf, C,P°Pe C- Cr PrPsP·C- 20
PjPi/PrPsP±Cf Cr PïPsCfC-PIPSC¶PSPSC- P· PïP»P°C†PµP±Ps.

P·C,,PµPeC,PëPIPSC-CfC,Ch P»C-PeP°CfCfChPePsPiPs P·P°CfPsP±Cf Cr
PïCfPµC,,C-P»P°PeC,PëC†C- CfPµC†PëPrPëPIC-PI P±CfP»P°
PïCfPµPrPµPjPsPSCfC,CfPµPIP°PSP° PrP»C¶ PµCfC†PëC,P°P»PsPïCfP°PjCf Cr PrPsP·P°C... 10
C- 20 PjPi/PrPsP±Cf Cr PïP°C†C-C”PSC,C-PI, C¶PeC- PIC-PrPïPsPIC-P»Pë PSP°
PµCfC†PëC,P°P»PsPïCfP°Pj Cr

16-C,PëP¶PSPµPIPsPjCf PIC-PrPeCfPëC,PsPjCf PïPµCfC-PsPrC- C,P° P±CfP»Pë
PIPeP»ChC†PµPSC- Cr 24-C,PëP¶PSPµPIPëPNë CfP°PSPPrPsPjC-P·PsPIP°PSPëPNë
PïPsPrPIC-PNëPSPs CfP»C-PïPëPNë PïP»P°C†PµP±Ps-PePsPSC,CfPµP»ChPsPIP°PSPëPNë
PïPµCfC-PsPr.

PαP°CfPjP°PePsPeC-PSPµC,PëPeP°.

PfP±CfPsCfP±C†C-C¶ PïCfP°PeC,PëC†PSPs PïPsPIPSP° C- PSPµ P·P°P»PµP¶PëC,Ch PIC-Pr
PïCfPëPNëPsPjCf C—P¶C-. P¶P°PeCfPëPjP°P»ChPSP° PePsPSC†PµPSC,CfP°C†C-C¶ Cr
PïP»P°P·PjC- PeCfPµPIC- PrPsCfC¶PïP°C”C,ChCfC¶ C†PµCfPµP· 4 PïPsPrPëPSPë PïC-CfP»C¶
PïCfPëPNëPsPjCf. PïPe C- PrP»C¶ CfP°C†PµPjC-C†PSPsPiPs C†PëC,P°P»PsPïCfP°PjCf,
P°P±CfPsP»ChC,PSP° P±C-PsPrPsCfC,CfPïPSC-CfC,Ch PµCfC†PëC,P°P»PsPïCfP°PjCf
PsC†C-PeCfC”C,ChCfC¶ PSP° CfC-PIPSC- PïCfPëP±P»PëP·PSPs 80 %.

P PsP·PïPsPrC-P»

PjC¶PIPSPëPNë PsP±b¶™C”Pj CfPµP·PïPsPrC-P»Cf (Vd, β/F) PïC-CfP»C¶
PïPµCfPµCfP°P»ChPSPsPiPs P·P°CfC,PsCfCfPïP°PSPSC¶ CfC,P°PSPsPIPëC,Ch PIC-Pr 12 PrPs
26 P»/PePi. P’C-PsPrPsCfC,CfPïPSC-CfC,Ch PµCfC†PëC,P°P»PsPïCfP°PjCf
CfC,P°PSPsPIPëC,Ch PïCfPëP±P»PëP·PSPs 80 %. P—Pib¶™C¶P·CfPïP°PSPSC¶
PµCfC†PëC,P°P»PsPïCfP°PjCf C,P° PNëPsPiPs PsCfPSPsPIPSPëC... PjPµC,P°P±PsP»C-C,C-PI P·
P±C-P»PeP°PjPë PeCfPµPIC- PjPµPSC¶Pµ 80 %.

P’C-PsC,CfP°PSCfC,,PsCfPjP°C†C-C¶

Pj PïPµC†C-PSC†C- CfC,PIPsCfCfCfC,ChCfC¶ PjPµC,P°P±PsP»C-C,Pë, C‰Ps
PrPµPjPµC,PëP»ChCfC,ChCfC¶ C,P° PrPëPrPµPjPµC,PëP»ChCfC,ChCfC¶ C- C”
C,,P°CfPjP°PePsP»PsPiC-C†PSPs P°PeC,PëPIPSPëPjPë. PïPe P°P»ChC,PµCfPµPSP°C,PëPIP°
PjPsP¶P»PëPIPµ PsPePëCfPµPSPSC¶ P°P·PsC,Cf P· CfC,PIPsCfPµPSPSC¶Pj N-
PsPeCfPëPrPSPsPiPs PjPµC,P°P±PsP»C-C,Cf. PïPe PjPµC,P°P±PsP»C-C,Pë, C,P°Pe C-
PIPëC...C-PrPSP° CfPïPsP»CfPeP° C†P°CfC,PePsPIPs PIPëPIPsPrC¶C,ChCfC¶ Cr C,,PsCfPjC-
PiP»ChPeCfCfPµPSC-PrC-PI. PµC-CfP»C¶ P±P°PiP°C,PsCfP°P·PsPIPsPiPs
P·P°CfC,PsCfCfPïP°PSPSC¶ CfPµCfPµPrPSC¶ PePsPSC†PµPSC,CfP°C†C-C¶ PrPµPjPµC,PëP»-
C,P° PrPëPrPµPjPµC,PëP»PjPµC,P°P±PsP»C-C,C-PI P·P°P·PIPëC†P°PNë CfC,P°PSPsPIPëC,Ch

PIC-PrPⁱPsPIC-PrPSPs 28-31 % C, P° < 5 % PIC-Pr PePsPSC†PμPSC, C₇P°C†C-C—
PμC†C†PēC, P°P»PsPⁱC₇P°PjC_r. P'C-PsC, C₇P°PSC†C,, PsC₇PjP°C†C-C†
PμC†C†PēC, P°P»PsPⁱC₇P°PjC_r PI PrPμPjPμC, PēP»CHPsPIP°PSPēPN₂ PjPμC, P°P±PsP»C-C,
PIC-PrP±C†PIP°C"C, CHC†C† PⁱPsP»PsPIPSPēPj C†PēPSPsPj P·P° PrPsPⁱPsPjPsPⁱPsC₇
C†PēC, PsC...C₇PsPjC_rB CYP2C19. P₇PsP¶P»PēPIP° PSPμP·PSP°C†PSP° C_rC†P°C†C, CH C_r
PⁱC₇PsC†PμC†C- C-P·PsC,, PμC₇PjPμPSC, C-PI CYP3A4 C, P° CYP2D6.

P·P»C-PjC-PSP°C†C-C†

PμPμC₇C-PsPr PSP°PⁱC-PIPIPēPIPμPrPμPSPSC† (T_{1/2β}) P»C-PeP°C₇C†CHPePsPⁱPs P·P°C†PsP±C_r
C†C, P°PSPsPIPēC, CH PⁱC₇PēP±P»PēP·PSPs 30 PⁱPsPrPēPS. P₇P»C-C₇PμPSC† (Cl_{oral}) PⁱC₇Pē
PⁱPμC₇PsC₇P°P»CHPsPSPsPjC_r PⁱC₇PēPN₂PsPjC- C†C, P°PSPsPIPēC, CH PⁱC₇PēP±P»PēP·PSPs 0,6
P»/C...PI. P' PsC†PSPsPIPSPēC... PjPμC, P°P±PsP»C-C, C-PI PⁱPμC₇C-PsPr
PSP°PⁱC-PIPIPēPIPμPrPμPSPSC† PrPsPICēPēPN₂. P·C†C†PēC, P°P»PsPⁱC₇P°Pj C, P° PN₂PsPⁱPs
PsC†PSPsPIPSC- PjPμC, P°P±PsP»C-C, Pē PIPēIPsPrC†C, CHC†C† PⁱPμC†C-PSPePsC₇
(PjPμC, P°P±PsP»C-C†PSPēPN₂ CēP»C†C...) C- PSPēC₇PeP°PjPē. P'C-P»CHCēP° C†P°C†C, PēPSP°
PrPsP·Pē PIPēIPsPrPēC, CHC†C† C_r PIPēPiP»C†PrC- PjPμC, P°P±PsP»C-C, C-PI C-P·
C†PμC†PμC₇.

P>C-PSC-PN₂PSC-C†C, CH

P₇C-PSPμC, PēPeP° PμC†C†PēC, P°P»PsPⁱC₇P°PjC_r P»C-PSC-PN₂PSP°. P C-PIPSsPIP°P¶PSP°
PePsPSC†PμPSC, C₇P°C†C-C† PrPsC†C†PiP°C"C, CHC†C† PⁱC₇PēP±P»PēP·PSPs C†PμC₇PμP·

1 C, PēP¶PrPμPSC₇. P₇PμC₇PμPrPSC† C₇C-PIPSsPIP°P¶PSP° PePsPSC†PμPSC, C₇P°C†C-C† 50
PSPjPsP»CH/P» (PIC-Pr 20 PrPs 125 PSPjPsP»CH/P») PrPsC†C†PiP°C"C, CHC†C† PⁱC₇Pē
PrPsP±PsPIC-PN₂ PrPsP·C- 10 PjPi.

PμP°C†C-C"PSC, Pē P»C-C, PSCHPsPiPs PIC-PeC₂

Pj PⁱP°C†C-C"PSC, C-PI P»C-C, PSCHPsPiPs PIC-PeC_r (PIC-Pr 65 C₇PsPeC-PI)
PμC†C†PēC, P°P»PsPⁱC₇P°Pj PIPēIPsPrPēC, CHC†C† PⁱPsPIC-P»CHPSC-CēPμ, PSC-P¶ C_r
PjPsP»PsPrPēC... PⁱP°C†C-C"PSC, C-PI. P₇PēC†C, PμPjPSP° PμPeC†PⁱPsP·PēC†C-C† (AUC) C_r
PsC†C-P± P»C-C, PSCHPsPiPs PIC-PeC_r PSP° 50 % PIPēC%₀P°, PSC-P¶ C_r PjPsP»PsPrPēC...
P·PrPsC₇PsPIPēC... PrPsP±C₇PsPIPSP»CHC†C-PI (PrPēPI. C₇PsP·PrC-P» B«P₇PⁱPsC†C-P±
P·P°C†C, PsC†C†PIP°PSPSC† C, P° PrPsP·PēB»).

PμPμC†C-PSPePsPIP° PSPμPrPsC†C, P°C, PSC-C†C, CH

Pj PⁱP°C†C-C"PSC, C-PI P· PⁱPsC₇C_rCēPμPSPSC†Pj C,, C_rPSPeC†C-C— PⁱPμC†C-PSPePē
P»PμPiPePsPiPs P°P±Ps C†PμC₇PμPrPSC₇PsPiPs C†C, C_rPⁱPμPSC† C, C†P¶PePsC†C, C-
(PeP»P°C†Pē P₇ C- P' P·P° P₇P°PN₂P»PrPsPj-PμB₇TM C₇) PⁱPμC₇C-PsPr
PSP°PⁱC-PIPIPēPIPμPrPμPSPSC† P±C†PI C_r PrPIP° C₇P°P·Pē PrPsPICēPēPj, P°
PμPeC†PⁱPsP·PēC†C-C† PSP° 60 % PIPēC%₀PsC₇, PSC-P¶ PI PsC†C-P± C-P·
PSPsC₇PjP°P»CHPsPSPsC₇ C,, C_rPSPeC†C-C"C₇ PⁱPμC†C-PSPePē (PrPēPI. C₇PsP·PrC-P»
B«P₇PⁱPsC†C-P± P·P°C†C, PsC†C†PIP°PSPSC† C, P° PrPsP·PēB»).

PkPēC₇PePsPIP° PSPμPrPsC†C, P°C, PSC-C†C, CH

Pj PⁱP°C†C-C"PSC, C-PI P·C- P·PSPēP¶PμPSPsC₇ C,, C_rPSPeC†C-C"C₇ PSPēC₇PsPe (CL_{cr} 10-53
PjP»/C...PI) PⁱC₇Pē P·P°C†C, PsC†C†PIP°PSPSC- C₇P°C†PμPjC-C†PSPsPiPs
C†PēC, P°P»PsPⁱC₇P°PjC_r C†PⁱPsC†C, PμC₇C-PiP°PIC†C† PrPsPICēPēPN₂ PⁱPμC₇C-PsPr
PSP°PⁱC-PIPIPēPIPμPrPμPSPSC† C, P° PrPμC%₀Ps P±C-P»CHCēP° PμPeC†PⁱPsP·PēC†C-C†.

РлPsPSC†PμPSC, CтP°C†C-Cl PjPμC, P°P±PsP»C-C, C-PI Cр PīP»P°P·PjC- PeCтPsPIC- PSPμ
PrPsCтP»C-PrP¶PμPSP°, P°P»Pμ PjPsP¶Pμ P±CрC, Pē PīC-PrPIPēC%oPμPSPsCт (PrPēPI.
CтPsP·PrC-P» B«PŸPīPsCтC-P± P·P°CтC, PsCтCрPIP°PSPSCт C, P° PrPsP·PēB»).

PμPsP»C-PjPsCтC,,C-P·Pj

PμP°C†C-C”PSC, Pē P·C- CтP»P°P±PePsCт PjPμC, P°P±PsP»C-C†PSPsCт C,,CрPSPeC†C-C”Cт
CYP2C19 PjP°P»Pē PIPrPIC-C†C- PIPēC%oC- PePsPSC†PμPSC, CтP°C†C-C—
PμCтC†PēC, P°P»PsPīCтP°PjCр Cр PīP»P°P·PjC- PeCтPsPIC-, PSC-P¶ PīP°C†C-C”PSC, Pē P·
PSPsCтPjP°P»CHPSPsCт C,,CрPSPeC†C-C”Cт CYP2C19. P—PSP°C†PSPēC... P·PjC-PS
PμPeCтPīPsP·PēC†C-C— PīCтPē P·PSPēP¶PμPSC-PNē C,,CрPSPeC†C-C— CYP2D6 PSPμ
PIC-PrP·PSP°C†P°P»PsCтCт (PrPēPI. CтPsP·PrC-P» B«PŸPīPsCтC-P±
P·P°CтC, PsCтCрPIP°PSPSCт C, P° PrPsP·PēB»).

РлP»C-PSC-C†PSC- C...P°CтP°PeC, PμCтPēCтC, PēPePē.

PμPsPeP°P·P°PSPSCт.

P>C-PeCрPIP°PSPSCт PIPμP»PēPePēC... PrPμPīCтPμCтPēPIPSPēC... PμPīC-P·PsPrC-PI,
PīP°PSC-C†PSPēC... CтPsP·P»P°PrC-PI P· P°P±Ps P±PμP· P°PīPsCтP°C,,PsP±C-C—,
CтPsC†C-P°P»CHPSPēC... C, CтPēPIPSP¶PSPēC... CтPsP·P»P°PrC-PI (CтPsC†C-P°P»CHPSP°
C,,PsP±C-Cl), PīPμPSPμCтP°P»C-P·PsPIP°PSPēC... C, CтPēPIPSP¶PSPēC... CтPsP·P»P°PrC-PI,
PsP±CтPμCтPēPIPSPs-PePsPjPīCр»CHCтPēPIPSPēC... CтPsP·P»P°PrC-PI.

PμCтPsC, PēPīPsPeP°P·P°PSPSCт.

PμC-PrPIPēC%oPμPSP° C†CрC, P»PēPIC-CтC, CH PrPs PμCтC†PēC, P°P»PsPīCтP°PjCр P°P±Ps PrPs
C-PSCēPēC... PePsPjPīPsPSPμPSC, C-PI P»C-PeP°CтCтCHPePsPīPs P·P°CтPsP±Cр;
PsPrPSPsC†P°CтPSPμ P»C-PeCрPIP°PSPSCт PSPμCтPμP»PμPeC, PēPIPSPēPjPē
PSPμPsP±PsCтPsC, PSPēPjPē C-PSPiC-P±C-C, PsCтP°PjPē PjPsPSPsP°PjC-PSPsPeCтPēPrP°P·Pē
(C-PSPiC-P±C-C, PsCтPē PнPнPн) PīCтPsC, PēPīPsPeP°P·P°PSPμ C†PμCтPμP· CтPēP·PēPe
CтPsP·PIPēC, PeCр CтPμCтPsC, PsPSC-PSPsPīPsPīPs CтPēPSPrCтPsPjCр P·C-
P·P±CрPrP¶PμPSPSCтPj, C, CтPμPjPsCтPsPj, PiC-PīPμCтC, PμCтPjC-C”Cт C, PsC%oPs (PrPēPI.
CтPsP·PrC-P» B«P·P·P°C”PjPsPrC-Cl P· C-PSCēPēPjPē P»C-PeP°CтCтCHPePēPjPē
P·P°CтPsP±P°PjPē C, P° C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»); PePsPjP±C-PSP°C†C-Cl
PμCтC†PēC, P°P»PsPīCтP°PjCр P· PsP±PsCтPsC, PSPēPjPē C-PSPiC-P±C-C, PsCтP°PjPē PнPнPн-Pн
(PSP°PīCтPēPeP»P°Pr, PjPsPeP»PsP±PμPjC-PrPsPj) P°P±Ps PsP±PsCтPsC, PSPēPj
PSPμCтPμP»PμPeC, PēPIPSPēPj C-PSPiC-P±C-C, PsCтPsPj PнPнPн P»C-PSPμP·PsP»C-PrPsPj
PīCтPsC, PēPīPsPeP°P·P°PSP° C†PμCтPμP· CтPēP·PēPe PIPēPSPēPePSPμPSPSCт
CтPμCтPsC, PsPSC-PSPsPīPsPīPs CтPēPSPrCтPsPjCр (PrPēPI. CтPsP·PrC-P»
B«P·P·P°C”PjPsPrC-Cl P· C-PSCēPēPjPē P»C-PeP°CтCтCHPePēPjPē P·P°CтPsP±P°PjPē C, P°
C-PSCēC- PIPēPrPē PIP·P°C”PjPsPrC-PNēB»).

P·CтC†PēC, P°P»PsPīCтP°Pj PīCтPsC, PēPīPsPeP°P·P°PSPēPNē PīP°C†C-C”PSC, P°Pj C-P·
PIC-PrPsPjPēPj PīPsPrPsPIP¶PμPSPSCтPj C-PSC, PμCтPIP°P»Cр QT P°P±Ps PICтPsPrP¶PμPSPēPj
CтPēPSPrCтPsPjPj PīPsPrPsPIP¶PμPSPsPīPs C-PSC, PμCтPIP°P»Cр QT;
PμCтC†PēC, P°P»PsPīCтP°Pj PīCтPsC, PēPīPsPeP°P·P°PSPēPNē CтP°P·PsPj C-P·
P»C-PeP°CтCтCHPePēPjPē P·P°CтPsP±P°PjPē, ClPeC-, ClPe PIC-PrPsPjPs,

РіРсРрРсРІРІЦІРЧС,СН С-РSC,РмСНРІР°Р» QТ (РрРёРІ. СНРсР·РrС-Р» В«Р'Р·Р°С"РјРсРrС-СІ Р·
С-РSC€РёРјРё Р»С-РёР°СНСІСНРёРёРјРё Р·Р°СІРсР±Р°РјРё С,Р° С-РSC€С- РІРёРrРё
РІР·Р°С"РјРсРrС-Р№В»).

**Р'Р·Р°С"РјРсРrС-СІ Р· С-РSC€РёРјРё Р»С-РёР°СНСІСНРёРё Р·Р°СІРсР±Р°РјРё С,Р°
С-РSC€С- РІРёРrРё РІР·Р°С"РјРсРrС-Р№.**

Р±Р°СНРјР°РёРсРrРёРSP°РјС-С±РSC- РІР·Р°С"РјРсРrС-С—.

РмСНРсС,РёРіРсРёР°Р·Р·Р°С- РёРсРјР±С-РSP°С†С-С—.

РкРмСІРмР»РмРёС,РёРІРSC- РSPмРсР±РсСНРсС,РSC- С-РSPiС-Р±С-С,РсСНРё РһРһРһ.

РмРсРІС-РrРсРјР»СІР»Рё РіСНРс РІРёРіР°РrРёРё СІРмСНР№РсР·РSPёС... СНРмР°РёС†С-Р№ СІ
РіР°С†С-С"РSC,С-РІ, СІРёС- РіСНРёР№РјР°Р»РёР» Рё РёР†Р—Р—Рё СІ РёРсРјР±С-РSP°С†С-С— Р·
РSPмСІРмР»РмРёС,РёРІРSPёРј РSPмРсР±РсСНРсС,РSPёРј Р†РһРһРһ, С,Р° СІ
РіР°С†С-С"РSC,С-РІ, СІРёС- С%РсР№РSPс Р·Р°РёС-РSC±РёР»Рё Р»С-РёСІРІР°РSPSCІ
РёР†Р—Р—Рё С- СНРсР·РіРсС±Р°Р»Рё РіСНРёР№РсРј Р†РһРһРһ (РрРёРІ. СНРсР·РrС-Р»
В«РмСНРсС,РёРіРсРёР°Р·Р·Р°С-РSPSCІВ»). Рј РrРмСІРёРёС... РІРёРіР°РrРёРёР°Р·Р°С...
СНРсР·РІРёРSCІРІСІ СІРмСНРсС,РсРSC-РSPсРІРёР№ СІРёРSPrСНРсРј.
РһРсРјР±С-РSP°С†С-СІ РмСІС†РёС,Р°Р»Р»РсРіСНР°РјСІ Р· РSPмСІРмР»РмРёС,РёРІРSPёРјРё
РSPмРсР±РсСНРсС,РSPёРј Р†РһРһРһ РіСНРсС,РёРіРсРёР°Р·Р·Р°С-РSP°. Р»С-РёСІРІР°РSPSCІ
РмСІС†РёС,Р°Р»Р»РсРіСНР°РјРсРј СІР»С-Рr РіРсС±РёРSP°С,Рё С±РмСНРмР· 14 РrРSC-РІ
РіС-СІР»СІ РІС-РrРјС-РSPё РSPмРсР±РсСНРсС,РSPсРіРс Р†РһРһРһ. Р»С-РёСІРІР°РSPSCІ
РSPмСІРмР»РмРёС,РёРІРSPёРјРё РSPмРсР±РсСНРсС,РSPёРј Р†РһРһРһ СІР»С-Рr
РіРсС±РёРSP°С,Рё РSPм СНР°РSC-СёРм РSC-РІ С±РмСНРмР· 7 РrРSC-РІ РіС-СІР»СІ
РіСНРёРіРёРSPмРSPSCІ РіСНРёР№РсРјСІ РмСІС†РёС,Р°Р»Р»РсРіСНР°РјСІ.

РһР±РсСНРсС,РSPёР№ СІРмР»РмР»РмРёС,РёРІРSPёР№ С-РSPiС-Р±С-С,РсСН РһРһРһ С,РёРіС Рё
(РјРсРёР»Р»РсР±РмРјС-Рr).

РSPмСНРмР· СНРёР·РёРё СНРсР·РІРёС,РёСІ СІРмСНРсС,РсРSC-РSPсРІРсРіРс СІРёРSPrСНРсРјСІ
РёРсРјР±С-РSP°С†С-СІ РмСІС†РёС,Р°Р»Р»РсРіСНР°РјСІ Р· С-РSPiС-Р±С-С,РсСНРсРј РһРһРһ
С,РёРіСІ Рё, С,Р°РёРёРј СІРё РјРсРёР»Р»РсР±РмРјС-Рr, РіСНРсС,РёРіРсРёР°Р·Р·Р°С-РSP°
(РрРёРІ. СНРсР·РrС-Р» В«РмСНРсС,РёРіРсРёР°Р·Р·Р°С-РSPSCІВ»). РіРёС%Рс РrРсРІРмРrРмРSP°
РSPмРсР±С...С-РrРSC-СІС,СН С†С-С"С— РёРсРјР±С-РSP°С†С-С—, СІРіРсС±Р°Р·С,РёСІ
СІР»С-Рr РіСНРёР·РSP°С±Р°С,Рё РјС-РSC-РјР»»СНРSC- СНРмРёРсРјРSPrРсРІР°РSC-
РrРсР·Рё Р· СНРмС,РмР»»СНРSPёРј РёР»С-РSC-С±РSPёРј РјРсРSC-С,РсСНРёРSPiРсРј.

РһР±РсСНРсС,РSPёР№ РSPмСІРмР»РмР»РмРёС,РёРІРSPёР№ С-РSPiС-Р±С-С,РсСН РһРһРһ
(Р»С-РSPмР·РсР»С-Рr).

РһРSC,РёР±С-РсС,РёРё Р»С-РSPмР·РсР»С-Рr С" РсР±РсСНРсС,РSPёРј
РSPмСІРмР»РмРёС,РёРІРSPёРј С-РSPiС-Р±С-С,РсСНРсРј РһРһРһ, С,РсРјСІ Р№РсРіРс РSPм
СІР»С-Рr Р·Р°СІС,РсСІРсРІСІРІР°С,Рё РіР°С†С-С"РSC,Р°Рј, СІРёС- РсС,СНРёРјСІСЧС,СН
РмСІС†РёС,Р°Р»Р»РсРіСНР°Рј. РіРёС%Рс РёРсРјР±С-РSP°С†С-СІ РІРёСІРІР»СІС"С,СНСІСІ
РSPмРсР±С...С-РrРSPсСН, Р·Р°СІС,РсСІСІРІР°РSPSCІ СІР»С-Рr СНРсР·РіРсС±РёРSP°С,Рё
РјС-РSC-РјР»»СНРSPёРј РrРсР·Р°РјРё С,Р° РіС-Рr СНРмС,РмР»»СНРSPёРј
РёР»С-РSC-С±РSPёРј РёРсРSPSC,СНРсР»РмРј (РрРёРІ. СНРсР·РrС-Р»
В«РмСНРсС,РёРіРсРёР°Р·Р·Р°С-РSPSCІВ»).

$P_k P_\mu P_s P \pm P_s C \bar{H} P_s C, P S P \bar{e} P N_2$ $C \bar{I}' P_\mu P \gg P_\mu P_e C, P \bar{e} P I P S P \bar{e} P N_2$ $C - P S P i C - P \pm C - C, P_s C \bar{H} P_h P_h P_h C, P \bar{e} P i C \acute{e}$
 P' ($C \bar{I}' P_\mu P \gg P_\mu P_i C - P \gg C - P S$).

$P_h P_s P_j P \pm C - P S P^\circ C \dagger C - C \bar{I} C - P \cdot C \bar{I}' P_\mu P \gg P_\mu P_i C - P \gg C - P S P_s P_j$ ($P S P_\mu P_s P \pm P_s C \bar{H} P_s C, P S P \bar{e} P N_2$
 $C - P S P i C - P \pm C - C, P_s C \bar{H} P_h P_h P_h C, P \bar{e} P i C \acute{e} P'$) $P I P \bar{e} P_j P^\circ P_i P^\circ C''$ $P_s P \pm P_\mu C \bar{H} P_\mu P \bar{I} P S P_s C \bar{I}' C, C -$
 $C \dagger P_\mu C \bar{H} P_\mu P \cdot C \bar{H} P \bar{e} P \cdot P \bar{e} P_e C \bar{H} P_s P \cdot P I P \bar{e} C, P_e C \bar{r} C \bar{I}' P_\mu C \bar{H} P_s C, P_s P S C - P S P_s P I P_s P_i P_s$
 $C \bar{I}' P \bar{e} P S P_r C \bar{H} P_s P_j C \bar{r}$.

$P \check{Y} P_\mu P \gg P_\mu P_i C - P \gg C - P S$ $C \bar{r} P_r P_s P \cdot P^\circ C \dots P_r P_s$ $10 P_j P_i / P_r P_s P \pm C \bar{r} P I P_e P \gg C \bar{H} C \dagger P S P_s,$
 $P \pm P_\mu P \cdot P_i P_\mu C \dagger P S P_s P \cdot P^\circ C \bar{I}' C, P_s C \bar{I}' P_s P i C \bar{r} P I P^\circ P i C \bar{I}' C \bar{I} C \bar{I} C \bar{H} P^\circ P \cdot P_s P_j C - P \cdot C \bar{H} P^\circ C \dagger P_\mu P_j C - C \dagger P S P \bar{e} P_j$
 $C \dagger P \bar{e} C, P^\circ P \gg P_s P i C \bar{H} P^\circ P_j P_s P_j$.

$P_\mu P_s P_r P_s P I P \bar{I} P_\mu P S P S C \bar{I} C - P S C, P_\mu C \bar{H} P I P^\circ P \gg C \acute{e} Q T$.

$P \propto P^\circ C \bar{H} P_j P^\circ P_e P_s P_e C - P S P_\mu C, P \bar{e} C \dagger P S C - C, P^\circ C,$ $P^\circ C \bar{H} P_j P^\circ P_e P_s P_r P \bar{e} P S P^\circ P_j C - C \dagger P S C -$
 $P_r P_s C \bar{I}' P \gg C - P_r P \bar{I} P_\mu P S P S C \bar{I} C P_\mu C \bar{I}' C \dagger P \bar{e} C, P^\circ P \gg P_s P i C \bar{H} P^\circ P_j C \bar{r} P I P_e P_s P_j P \pm C - P S P^\circ C \dagger C - C - P \cdot$
 $C - P S C \bar{e} P \bar{e} P_j P \bar{e} P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e P \bar{e} P_j P \bar{e} P \cdot P^\circ C \bar{I}' P_s P \pm P^\circ P_j P \bar{e}, C \bar{I} P_e C - P_i P_s P_r P_s P I P \bar{I} C \bar{r} C \bar{H} C, C \bar{H}$
 $C - P S C, P_\mu C \bar{H} P I P^\circ P \gg Q T, P S P_\mu P_i C \bar{H} P_s P_i P_s P_r P \bar{e} P \gg P \bar{e}.$ $P_k P_\mu P_j P_s P \bar{I} P S P^\circ P I P \bar{e} P_e P \gg C \bar{H} C \dagger P^\circ C, P \bar{e} B$
 $P I P \bar{e} P S P \bar{e} P_e P S P_\mu P S P S C \bar{I} C P^\circ P_r P \bar{e} C, P \bar{e} P I P S P_s P_i P_s P_\mu C,, P_\mu P_e C, C \bar{r} P i C - P_r C \bar{I}' C \bar{r} P_j C - C \bar{I}' P S P_s P_i P_s$
 $P \cdot P^\circ C \bar{I}' C, P_s C \bar{I}' C \bar{r} P I P^\circ P S P S C \bar{I} C P_\mu C \bar{I}' C \dagger P \bar{e} C, P^\circ P \gg P_s P i C \bar{H} P^\circ P_j C \bar{r} C - C \dagger P \bar{e} C \dots$
 $P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e P \bar{e} C \dots P \cdot P^\circ C \bar{I}' P_s P \pm C - P i.$ $P \check{Y} P_s P_j C \bar{r} P_s P_r P S P_s C \dagger P^\circ C \bar{I}' P S P_\mu$
 $P \cdot P^\circ C \bar{I}' C, P_s C \bar{I}' C \bar{r} P I P^\circ P S P S C \bar{I} C P_\mu C \bar{I}' C \dagger P \bar{e} C, P^\circ P \gg P_s P i C \bar{H} P^\circ P_j C \bar{r} P \cdot P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e P \bar{e} P_j P \bar{e}$
 $P \cdot P^\circ C \bar{I}' P_s P \pm P^\circ P_j P \bar{e}, C \bar{I} P_e C - P_i P_s P_r P_s P I P \bar{I} C \bar{r} C \bar{H} C, C \bar{H} C - P S C, P_\mu C \bar{H} P I P^\circ P \gg Q T, C, P^\circ P_e P \bar{e} P_j P \bar{e} C \bar{I} P_e$
 $P^\circ P S C, P \bar{e} P^\circ C \bar{H} P \bar{e} C, P_j C - C \dagger P S C - P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e} P_e P \gg P^\circ C \bar{I}' C \bar{r} P \dagger P_h C -$
 $P \dagger P \dagger P \dagger, P^\circ P S C, P \bar{e} P i C \bar{I}' P \bar{e} C \dots P_s C, P \bar{e} P_e P \bar{e} (P S P^\circ P i C \bar{H} P \bar{e} P_e P \gg P^\circ P_r P_i P_s C \dots C - P_r P S C -$
 $C,, P_\mu P S P_s C, C - P^\circ P \cdot P \bar{e} P S C \bar{r}, P i C - P_j P_s P \cdot P \bar{e} P_r, P_i P^\circ P \gg P_s P_i P_\mu C \bar{H} P \bar{e} P_r P_s P \gg), C, C \bar{H} P \bar{e} C \dagger P \bar{e} P_e P \gg C - C \dagger P S C -$
 $P^\circ P S C, P \bar{e} P_r P_\mu P i C \bar{H} P_\mu C \bar{I}' P^\circ P S C, P \bar{e}, P_r P_\mu C \bar{I} P_e C - P i C \bar{H} P_s C, P \bar{e} P_j C - P_e C \bar{H} P_s P \pm P S C -$
 $P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e} (P S P^\circ P i C \bar{H} P \bar{e} P_e P \gg P^\circ P_r C \bar{I}' P_i P^\circ C \bar{H} C,, P \gg P_s P_e C \bar{I}' P^\circ C \dagger P \bar{e} P S,$
 $P_j P_s P_e C \bar{I}' P \bar{e} C,, P \gg P_s P_e C \bar{I}' P^\circ C \dagger P \bar{e} P S, P_\mu C \bar{H} P \bar{e} C, C \bar{H} P_s P_j C - C \dagger P \bar{e} P S B P_r P \gg C \bar{I} C$
 $P I P S C \bar{r} C, C \bar{H} C - C \bar{e} P S C \bar{H} P_s P I P_\mu P S P S P_s P_i P_s P I P_i P_\mu P_r P_\mu P S P S C \bar{I} C, P_i P_\mu P S C, P^\circ P_j C - P_r P \bar{e} P S,$
 $P i C \bar{H} P_s C, P \bar{e} P_j P^\circ P \gg C \bar{I} C \bar{H} C - P N_2 P S C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e}, P \cdot P_s P_e C \bar{H} P_\mu P_j P^\circ P_i P^\circ P \gg P_s C,, P^\circ P S C, C \bar{H} P \bar{e} P S),$
 $P_i P_\mu P I P S C - P^\circ P S C, P \bar{e} P i C - C \bar{I}' C, P^\circ P_j C - P S P S C - P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e}$
 $(P^\circ C \bar{I}' C, P_\mu P_j C - P \cdot P_s P \gg, P i C - P_r C \bar{H} P_s P_e C \bar{I}' P \bar{e} P \cdot P \bar{e} P S, P_j C - P \cdot P_s P \gg P^\circ C \bar{I}' C, P \bar{e} P S),$
 $P i C \bar{H} P_s C, P \bar{e} P_i P_s P_e P^\circ P \cdot P^\circ P S P_\mu$.

$P_h P_s P_j P \pm C - P S P^\circ C \dagger C - C -, C \% P_s P_i P_s C, C \bar{H} P_\mu P \pm C \bar{r} C \bar{H} C, C \bar{H} P_s P \pm P_\mu C \bar{H} P_\mu P \bar{I} P S P_s C \bar{I}' C, C -.$

$P \check{Y} P_\mu C \bar{H} P_s C, P_s P S C - P S P_\mu C \bar{H} P_i C - C \dagger P S C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e}.$

$P_h P_r P S P_s C \dagger P^\circ C \bar{I}' P S P_\mu P \cdot P^\circ C \bar{I}' C, P_s C \bar{I}' C \bar{r} P I P^\circ P S P S C \bar{I} C - P \cdot$
 $C \bar{I}' P_\mu C \bar{H} P_s C, P_s P S C - P S P_\mu C \bar{H} P_i C - C \dagger P S P \bar{e} P_j P \bar{e} P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e P \bar{e} P_j P \bar{e} P \cdot P^\circ C \bar{I}' P_s P \pm P^\circ P_j P \bar{e},$
 $P S P^\circ P i C \bar{H} P \bar{e} P_e P \gg P^\circ P_r P \cdot P_s P i C - P_s C - P_r P^\circ P_j P \bar{e} (P I P_e P \gg C \bar{H} C \dagger P^\circ C \bar{H} C \dagger P \bar{e} C, C \bar{H} P^\circ P_j P^\circ P_r P_s P \gg) C, P^\circ$
 $C, C \bar{H} P \bar{e} P i C, P^\circ P S P^\circ P_j P \bar{e} (P I P_e P \gg C \bar{H} C \dagger P^\circ C \bar{H} C \dagger P \bar{e} C \bar{I}' C \bar{r} P_j P^\circ C, C \bar{H} P \bar{e} P i C, P^\circ P S), P_j P_s P \bar{I} P_\mu$
 $P i C \bar{H} P \bar{e} P \cdot P I P_\mu C \bar{I}' C, P \bar{e} P_r P_s C \bar{H} P_s P \cdot P I P \bar{e} C, P_e C \bar{r} C \bar{I}' P_\mu C \bar{H} P_s C, P_s P S C - P S P_s P I P_s P_i P_s$
 $C \bar{I}' P \bar{e} P S P_r C \bar{H} P_s P_j C \bar{r}$.

$P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e C - P \cdot P^\circ C \bar{I}' P_s P \pm P \bar{e}, C \% P_s P \cdot P S P \bar{e} P \bar{I} C \acute{e} C \bar{H} C, C \bar{H} C \bar{I}' C \acute{e} P_r P_s P_j P S P \bar{e} P N_2$
 $P_i P_s C \bar{H} C - P_i$.

$P \check{Y} P \dagger P - P - P \check{Y} P_j P_s P \bar{I} C \bar{r} C, C \bar{H} P \cdot P S P \bar{e} P \bar{I} C \bar{r} P I P^\circ C, P \bar{e} C \bar{I}' C \bar{r} P_r P_s P_j P S P \bar{e} P N_2 P_i P_s C \bar{H} C - P_i$
 $P P_\mu P_e P_s P_j P_\mu P S P_r C \bar{r} C'' C, C \bar{H} C \bar{I}' C \bar{I} C P_s P \pm P_\mu C \bar{H} P_\mu P \bar{I} P S C - C \bar{I}' C, C \bar{H} P i C \bar{H} P \bar{e}$
 $P_s P_r P S P_s C \dagger P^\circ C \bar{I}' P S P_s P_j C \bar{r} P \cdot P^\circ C \bar{I}' C, P_s C \bar{I}' C \bar{r} P I P^\circ P S P S C - P \gg C - P_e P^\circ C \bar{H} C \bar{I}' C \bar{H} P_e P \bar{e} C \dots$

P·P°CÍPSP±C-PI, C%Ps P·PSPëP¶CÍCĤC,CH CÍCÍPrPsPjPSPëPNë PíPsCĤC-Pi,
PSP°PíCĤPëPeP»P°Pr P°PSC,PëPrPµPíCĤPµCÍP°PSC,C-PI (C,CĤPëC†PëPeP»C-C†PSC-,
PŸP†P—P—PŸ), PSPµPNëCĤPsP»PµPíC,PëPeC-PI (C,,PµPSPsC,C-P°P·PëPSPë,
C,C-PsPeCÍP°PSC,PµPSPë, P±CÍC,PëCĤPsC,,PµPSPsPSPë), PjPµC,,P»PsC...C-PSCÍ,
P±CÍPíCĤPsPíC-PsPSCÍ C- C,CĤP°PjP°PrPsP»CÍ.

P>C-C,C-PNë, C,CĤPëPíC,PsC,,P°PS.

PhCÍPeC-P»CHPePë P·P°CĤPµC"CÍC,CĤPsPIP°PSPs PIPëPíP°PrPePë PíPsCÍPëP»PµPSPSCÍ
PrC-C— PíCĤPë CÍCÍPjC-CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC- PŸP†P—P—PŸ C- P»C-C,C-CĤ
P°P±Ps C,CĤPëPíC,PsC,,P°PSCÍ, CĤPµPePsPjPµPSPPrCÍC"C,CHCÍCÍ P·
PsP±PµCĤPµP¶PSC-CÍC,CĤ PíCĤPëP·PSP°C†P°C,Pë C†C- P»C-PeP°CĤCÍCHPeC- P·P°CÍPSP±Pë
PsPrPSPsC†P°CÍPSPs.

P—PIC-CĤPsP±C-PNë.

PhPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PŸP†P—P—PŸ C,P° CĤPsCÍP»PëPSPSPëC...
P·P°CÍPSP±C-PI, C%Ps PjC-CÍC,CÍC,CH P·PIC-CĤPsP±C-PNë, PjPsP¶Pµ PíCĤPëP·PIPµCÍC,Pë
PrPs PíC-PrPIPëC%PµPSPSCÍ C†P°CÍC,PsC,Pë PíPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë.

PĥPSC,PëPePsP°PíCáP»CÍPSC,Pë.

PĥPsP¶P»PëPIP° P·PjC-PSP° PµC,,PµPeC,C-PI PíPµCĤPsCĤP°P»CHPSPëC...
P°PSC,PëPePsP°PíC†P»CÍPSC,C-PI C†PSP°CÍP»C-PrPsPe PsPrPSPsC†P°CÍPSPsPíPs
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ P· PµCÍC†PëC,P°P»PsPíCĤP°PjPsPj. PµP°C†C-C"PSC,P°Pj, CÍPeC-
PíCĤPëPNëPjP°CĤC,CH PíPµCĤPsCĤP°P»CHPSC- P°PSC,PëPePsP°PíC†P»CÍPSC,Pë,
PSPµPsP±C...C-PrPSPs PíCĤPsPIPµCÍC,Pë CĤPµC,PµP»CHPSPëPNë PjPsPSC-C,PsCĤPëPSPi
CÍPëCÍC,PµPjPë P·PíPsCĤC,P°PSPSCÍ PeCĤPsPIC- PíPµCĤPµPr C- PíC-CÍP»CÍ
P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PµCÍC†PëC,P°P»PsPíCĤP°PjCÍ (PrPëPI. CĤPsP·PrC-P»
B«PhCÍPsP±P»PëPIPSCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

PhPrPSPsC†P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCÍ PSPµCÍC,PµCĤPsC—PrPSPëC...
PíCĤPsC,PëP·P°PíP°P»CHPSPëC... P·P°CÍPSP±C-PI PjPsP¶Pµ PíPsCÍPëP»PëC,Pë
CÍC...PëP»CHPSC-CÍC,CH PrPs PeCĤPsPIPSC,PµC†C- (PrPëPI. CĤPsP·PrC-P»
B«PhCÍPsP±P»PëPIPSCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

PĥP»PePsPíPsP»CH.

P·CÍC†PëC,P°P»PsPíCĤP°Pj PSPµ PICÍC,CÍPíP°C" CÍ C,,P°CĤPjP°PePsPrPëPSP°PjC-C†PSCÍ
P°P±Ps C,,P°CĤPjP°PePsPeC-PSPµC,PëC†PSCÍ PIP·P°C"PjPsPrC-CĤ P· P°P»PePsPíPsP»PµPj.
PhPrPSP°Pe, CÍPe C- P· C-PSCëPëPjPë PíCÍPëC...PsC,CĤPsPíPSPëPjPëB
P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPSP±P°PjPë, PePsPjP±C-PSP°C†C-CÍ P· P°P»PePsPíPsP»PµPj
C" PSPµP±P°P¶P°PSPsCĤ.

P>C-PeP°CĤCÍCHPeC- P·P°CÍPSP±Pë, C%Ps CÍPíCĤPëC†PëPSCÍCĤC,CH
PíC-PíPsPeP°P»C-C"PjC-CĤ/PíC-PíPsPjP°PíPSC-C"PjC-CĤ.

PkPµPsP±C...C-PrPSP° PsP±PµCĤPµP¶PSC-CÍC,CH PíCĤPë CÍCÍPíCÍC,PSCHPsPjCÍ
P·P°CÍC,PsCÍCÍPIP°PSPSC- P»C-PeP°CĤCÍCHPePëC... P·P°CÍPSP±C-PI, C%Ps
CÍPíCĤPëC†PëPSCÍCĤC,CH PíC-PíPsPeP°P»C-C"PjC-CĤ/PíC-PíPsPjP°PíPSC-C"PjC-CĤ,
PsCÍPeC-P»CHPePë C†Pµ PíC-PrPIPëC%CÍC" CĤPëP·PëPe PIPëPSPëPePSPµPSPSCÍ
P·P»PsCÍPeC-CÍPSPsC— P°CĤPëC,PjC-C— (PrPëPI. CĤPsP·PrC-P» B«PhCÍPsP±P»PëPIPSCÍC,C-
P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»).

$P\alpha P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C,PeC\sharp PSC-PIP\cdot P^{\circ}C''PjPsPrC-C-$.

$P'PiP\gg PePI\ C-PSC\epsilon PeC... P\cdot P^{\circ}C\tilde{I}PsP\pm C-PI\ PSP^{\circ}\ C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C,PePeC\acute{e}$
 $P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{e}$. $P\hbar P\mu C,P^{\circ}P\pm PsP\gg C-P\cdot Pj\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}$
 $PiPsP\gg PsPIPSP\acute{e}Pj\ C\sharp PePSPsPj\ PsPiPsC\tilde{I}P\mu C\tilde{H}P\mu PrPePsPIP^{\circ}PSP\acute{e}PN_{\acute{e}}\ CYP2C19, P^{\circ}P\gg P\mu\ PI$
 $PjP\mu C,P^{\circ}P\pm PsP\gg C-P\cdot PjC- C,P^{\circ}PePsP\P\ P\cdot P^{\circ}PrC-Cl\IPSC- CYP3A4\ C- CYP2D6, C...PsC\sharp P^{\circ}\ C-$
 $PjP\mu PSC\epsilon PsC\tilde{H}\ PjC-C\tilde{H}PsC\tilde{H}$. $P\S P^{\circ}C\tilde{I}C,PePsPIP\acute{e}Pj\ PeP^{\circ}C,P^{\circ}P\gg C-P\cdot P^{\circ}C,PsC\tilde{H}PsPj$
 $PjP\mu C,P^{\circ}P\pm PsP\gg C-P\cdot PjC\acute{r}\ PsC\tilde{I}PSPsPIPSPsPiPs\ PjP\mu C,P^{\circ}P\pm PsP\gg C-C,C\acute{r}\ S-DCT$
 $(PrP\mu PjP\mu C,PeP\gg C\hbar PsPIP^{\circ}PSPsPiPs\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r})\ PIPiP^{\circ}P\P P^{\circ}C''C,C\hbar C\tilde{I}C\tilde{I}$
 $C-P\cdot PsC,,P\mu C\tilde{H}PjP\mu PSC, CYP2D6$.

$P\check{Y}C\acute{r}PjC-C\tilde{I}PSP\mu\ P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC\tilde{I}\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ C,P^{\circ}$
 $PsPjP\mu PiC\tilde{H}P^{\circ}P\cdot PsP\gg C\acute{r}\ 30\ PjPi\ 1\ C\tilde{H}P^{\circ}P\cdot\ PSP^{\circ}\ PrPsP\pm C\acute{r}\ (CYP2C19\ C-PSPiC-P\pm C-C,PsC\tilde{H}P^{\circ})$
 $PiC\tilde{H}P\acute{e}P\cdot PIPsPrPeC,C\hbar\ PrPs\ PiPsPjC-C\tilde{H}PSPsPiPs\ (PiC\tilde{H}P\acute{e}P\pm P\gg PeP\cdot PSPs\ PSP^{\circ}\ 50\ %)$
 $PiC-PrPIP\acute{e}C\%P\mu PSPSC\tilde{I}\ PePsPSC\sharp P\mu PSC,C\tilde{H}P^{\circ}C\sharp C-C- P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ C\acute{r}$
 $PiP\gg P^{\circ}P\cdot PjC- PeC\tilde{H}PsPIC-$.

$P\check{Y}C\acute{r}PjC-C\tilde{I}PSP\mu\ P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC\tilde{I}\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ C,P^{\circ}$
 $C\sharp PePjP\mu C,PePrPePSC\acute{r}\ 400\ PjPi\ 2\ C\tilde{H}P^{\circ}P\cdot Pe\ PSP^{\circ}\ PrPsP\pm C\acute{r}\ (PiPsPjC-C\tilde{H}PSP\acute{e}PN_{\acute{e}}\ P\cdot P^{\circ}PiP^{\circ}P\gg C\hbar PSP\acute{e}PN_{\acute{e}}\ C-PSPiC-P\pm C-C,PsC\tilde{H}\ C,,P\mu C\tilde{H}PjP\mu PSC,C-PI)\ PiC\tilde{H}P\acute{e}P\cdot PIP\mu P\gg Ps\ PrPs$
 $PiPsPjC-C\tilde{H}PSPsPiPs\ (PiC\tilde{H}P\acute{e}P\pm P\gg PeP\cdot PSPs\ PSP^{\circ}\ 70\ %)\ P\cdot P\pm C-P\gg C\hbar C\epsilon P\mu PSPSC\tilde{I}$
 $PePsPSC\sharp P\mu PSC,C\tilde{H}P^{\circ}C\sharp C-C- P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ C\acute{r}\ PiP\gg P^{\circ}P\cdot PjC- PeC\tilde{H}PsPIC-$
 $P\ P\mu PePsPjP\mu PSP\acute{r}C\acute{r}C''C,C\hbar C\tilde{I}C\tilde{I}\ P\pm C\acute{r}C,Pe\ PsP\pm P\mu C\tilde{H}P\mu P\P PSP\acute{e}Pj\ PiC\tilde{H}P\acute{e}$
 $PsPrPSPsC\sharp P^{\circ}C\tilde{I}PSPsPjC\acute{r}\ P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC- P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ C-P\cdot$
 $C\sharp PePjP\mu C,PePrPePSPsPj\ P\hbar PsP\P P\gg PePIP^{\circ}\ PePsC\tilde{H}P\mu PeC\sharp C-Cl\ PrPsP\cdot Pe\ (PrPePI.\ C\tilde{H}PsP\cdot PrC-P\gg$
 $B\langle PhC\tilde{I}PsP\pm P\gg PePIPsC\tilde{I}C,C- P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC\tilde{I}B\rangle$).

$P\check{Y}P^{\circ}PePePj\ C\sharp PePSPsPj, PiC\tilde{H}P\acute{e}\ PsPrPSPsC\sharp P^{\circ}C\tilde{I}PSPsPjC\acute{r}\ P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC-$
 $P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ P\cdot C-PSPiC-P\pm C-C,PsC\tilde{H}P^{\circ}PjPe\ CYP2C19\ (PSP^{\circ}PiC\tilde{H}P\acute{e}PeP\gg P^{\circ}Pr$
 $PsPjP\mu PiC\tilde{H}P^{\circ}P\cdot PsP\gg PsPj, P\mu P\cdot PsPjP\mu PiC\tilde{H}P^{\circ}P\cdot PsP\gg PsPj, C,,P\gg C\acute{r}PePsPSP^{\circ}P\cdot PsP\gg PsPj,$
 $C,,P\gg C\acute{r}PIPsPeC\tilde{I}P^{\circ}PjC-PSPsPj, P\gg P^{\circ}PSC\tilde{I}PsPiC\tilde{H}P^{\circ}P\cdot PsP\gg PsPj, C,PePeP\gg PsPiC-PrPePSPsPj)$
 $P^{\circ}P\pm Ps\ C-P\cdot C\sharp PePjP\mu C,PePrPePSPsPj\ C\tilde{I}P\gg C-Pr\ P\pm C\acute{r}C,Pe\ PsP\pm P\mu C\tilde{H}P\mu P\P PSP\acute{e}PjPe,$
 $PiC\tilde{H}P\acute{e}P\cdot PSP^{\circ}C\sharp P^{\circ}C\tilde{H}C\sharp Pe\ PIP\mu C\tilde{H}C...PSC- PiC\tilde{H}P^{\circ}PSP\acute{e}C\sharp PSC- PrPsP\cdot Pe$
 $P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ P-PSP\acute{e}P\P P\mu PSPSC\tilde{I}\ PrPsP\cdot Pe\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}$
 $PjPsP\P P\mu\ P\pm C\acute{r}C,Pe\ PSP\mu PsP\pm C...C-PrPSP\acute{e}Pj\ P\cdot P^{\circ}P\gg P\mu P\P PSPs\ PIC-Pr\ PeP\gg C-PSC-C\sharp PSPsC-$
 $PsC\sharp C-PSPePe$.

$P'PiP\gg PePI\ P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{e}\ PSP^{\circ}\ C,,P^{\circ}C\tilde{H}PjP^{\circ}PePsPeC-PSP\mu C,PePeC\acute{e}\ C-PSC\epsilon PeC...$
 $P\cdot P^{\circ}C\tilde{I}PsP\pm C-PI. P\cdot C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}Pj\ C''\ C-PSPiC-P\pm C-C,PsC\tilde{H}PsPj\ P\mu PSP\cdot PePjC\acute{r}$
 $CYP2D6$.

$P\ P\mu PePsPjP\mu PSP\acute{r}C\acute{r}C''C,C\hbar C\tilde{I}C\tilde{I}\ PsP\pm P\mu C\tilde{H}P\mu P\P PSC-C\tilde{I}C,C\hbar\ PiC\tilde{H}P\acute{e}$
 $PsPrPSPsC\sharp P^{\circ}C\tilde{I}PSPsPjC\acute{r}\ P\cdot P^{\circ}C\tilde{I}C,PsC\tilde{I}C\acute{r}PIP^{\circ}PSPSC- P\mu C\tilde{I}C\sharp PeC,P^{\circ}P\gg PsPiC\tilde{H}P^{\circ}PjC\acute{r}\ P\cdot$
 $P\gg C-PeP^{\circ}C\tilde{H}C\tilde{I}C\hbar PePePjPe\ P\cdot P^{\circ}C\tilde{I}PsP\pm P^{\circ}PjPe, C\%Ps\ PjP\mu C,P^{\circ}P\pm PsP\gg C-P\cdot C\acute{r}C\tilde{H}C,C\hbar C\tilde{I}C\tilde{I}$
 $PiPsP\gg PsPIPSP\acute{e}Pj\ C\sharp PePSPsPj\ C\sharp PePj\ P\mu PSP\cdot PePjPsPj\ C- PjP^{\circ}C\tilde{H}C,C\hbar\ PIC\acute{r}P\cdot C\hbar PePePN_{\acute{e}}$
 $C,P\mu C\tilde{H}P^{\circ}PiP\mu PIC,PeC\sharp PSP\acute{e}PN_{\acute{e}}\ C-PSPrP\mu PeC\tilde{I}, PSP^{\circ}PiC\tilde{H}P\acute{e}PeP\gg P^{\circ}Pr\ P\cdot$
 $C,,P\gg P\mu PeP^{\circ}C-PSC-PrPsPj, PiC\tilde{H}PsPiP^{\circ}C,,P\mu PSPsPSPsPj\ C- PjP\mu C,PsPiC\tilde{H}PsP\gg PsP\gg PsPj\ (PiC\tilde{H}P\acute{e}$
 $C\tilde{I}P\mu C\tilde{H}C\sharp P\mu PIC-PN_{\acute{e}}\ PSP\mu PrPsC\tilde{I}C,P^{\circ}C,PSPsC\tilde{I}C,C-), P^{\circ}P\pm Ps\ P\cdot PrP\mu Cl\IPePePjPe$
 $P\cdot P^{\circ}C\tilde{I}PsP\pm P^{\circ}PjPe, C\%Ps\ PIPiP\gg PePIP^{\circ}C\tilde{H}C,C\hbar\ PSP^{\circ}\ C\sharp P\mu PSC,C\tilde{H}P^{\circ}P\gg C\hbar PSC\acute{r}\ PSP\mu C\tilde{H}PIP\acute{r}C\acute{r}$
 $C\tilde{I}PeC\tilde{I}C,P\mu PjC\acute{r}\ C,P^{\circ}\ PjP\mu C,P^{\circ}P\pm PsP\gg C-P\cdot C\acute{r}C\tilde{H}C,C\hbar C\tilde{I}C\tilde{I}\ PiPsP\gg PsPIPSP\acute{e}Pj\ C\sharp PePSPsPj$
 $CYP2D6, PSP^{\circ}PiC\tilde{H}P\acute{e}PeP\gg P^{\circ}Pr\ C,P^{\circ}PePePjPe\ P^{\circ}PSC,PePrP\mu PiC\tilde{H}P\mu C\tilde{I}P^{\circ}PSC,P^{\circ}PjPe\ Cl\IPe$
 $PrP\mu P\cdot PePiC\tilde{H}P^{\circ}PjC-PS, PeP\gg PsPjC-PiC\tilde{H}P^{\circ}PjC-PS\ C- PSPsC\tilde{H}C,C\tilde{H}PePiC,PeP\gg C-PS, C,P^{\circ}PePePjPe$

Р°РSC,РёРiСГРёС...РsС,РёРёР°РјРё СiРё СђРёСГРiРµСђРёРРsРS, С,С-РsСђРёРРР°Р·РёРS С-РiР°Р»РsРiРµСђРёРРsР». РёРsР¶Р»РёРiР° РёРsСђРµРсГС-Сi РРsР·Рё.

РёРsРјР±С-РSP°СГС-Сi Р· РРµР·РёРiСђР°РјС-РSPsРј Р°Р±Рs РјРµС,РsРiСђРsР»РsР»РsРј РiСђРёР·РiРsРРРёР»° РРs РРiРsСђР°Р·РsРiРs РiС-РРiРёС%РµРSPSCi СђС-РiРSCi СР РiР»Р°Р·РјС- РёСђРsРiС- СРРёС... РРiРsС... СГСР±СГС,СђР°С,С-Рi СYP2D6.

Рј РРsСГР»С-РР¶РµРSPSCiС... *in vitro* Р±СРР»Рs РiСђРsРРµРјРјРsРSCГС,СђРsРiР°РSPs, С%Рs РµСГСРРёС,Р°Р»РsРiСђР°Рј СГРiСђРёСРёСРёСРSCiС" СГР»Р°Р±РµРµ РiСђРёРiРsС-СРµРSPSCi СYP2C19. Р РµРёРsРјРµРSPРсГС"С,СёСГСi РsР±РµСђРµР¶РµРSPSC-СГС,Сё РiСђРё РsРРSPsСР°СГРSPsРјСР Р·Р°СГС,РsСГСРiР°РSPSC- Р· Р»С-РёР°СђСРёСРёРёРё Р·Р°СГРsР±Р°РјРё, С%Рs РјРµС,Р°Р±РsР»С-Р·СРсС,СёСГСi СYP2C19.

РёСГРsР±Р»РёРiРsСГС,С- Р·Р°СГС,РsСГСРiР°РSPSCi.

РёРёР¶СРµРµР·РµР·Р°РSP°СРµРSC- РsСГРsР±Р»РёРiРsСГС,С- Р·Р°СГС,РsСГСРiР°РSPSCi СГС,РsСГСРсС,СёСГСi С,РµСђР°РiРµРiС,РёСРSPsС— РiСђСРРiРё СГРµР»Р»РµС,РёРiРSPёС... С-РSPiС-Р±С-С,РsСђС-Рi Р·РiРsСђРsС,РSPsРiРs Р·Р°С...РsРiР»РµРSPSCi СГРµСђРsС,РsРSC-РSCР (РёРРР—Р—Рё).

РµР°СђР°РРРsРёСГР°Р»СёРSP° С,СђРёРiРsР¶РSC-СГС,Сё. Рј РРµСiРёРёС... РiР°СГС-С"РSC,С-Рi Р· РiР°РSC-СРSPёРјРё СђРsР·Р»Р°РРР°РSP° РiРsСР°С,РёСР Р»С-РёСРРiР°РSPSCi Р°РSC,РёРРµРµРiСђРµСГР°РSC,Р°РјРё РјРsР¶Рµ Р»РµРSPSCi С,СђРёРiРsР¶РSPsСГС,С-. РµРsРРС-Р±РSP° РiР°СђР°РРРsРёСГР°Р»СёРSP° СђРµР°РёСГС-Сi Р·Р°Р·РiРёСРРµР°Рµ Р·РSPёРёС" РiСђРsС,СiРiРsРј РРiРsС... С,РёР¶РSC-Рi Р»С-РёСРРiР°РSPSCi. Р©РsР± Р·РјРµРSCёРёС,Рё С-РјРsРiС-СђРSC-СГС,Сё РiРёРSPёРёРSPµРSPSCi Р°РSPёСГС-РsРiРµРSPSPsРiРs РµС,,РµРёС,СР, СђРµРsРјРµРsРјРµРSPРсГС,СёСГСi РSPёР·СёРёС- РiРsСР°С,РёРsРiС- РРsР·Рё (РРёРi. СђРsР·РС-Р» Р»РёРiРsСГС-Р± Р·Р°СГС,РsСГСРiР°РSPSCi С,Р° РРsР·РёРё).

РёСРРРРРsРјРSC- РSP°РiР°РРё. РёРµРsР±С...С-РРSPs РiС-РРјС-РSPёС,Рё Р»С-РёР°СђСРёСРёРё Р·Р°СГС-Р± СР СђР°Р·С-, СiРёС%Рs СР РiР°СГС-С"РSC,Р° РiРiРµСђРµ РµСђРµРiРiСРРiСГСi СГСРРРsРјРSPёРµ РSP°РiР°РР Р°Р±Рs СiРёС%Рs РSP°РiР°РРё СР°СГС,С-СёРсС,Сё (СР РiР°СГС-С"РSC,С-Рi Р·С- РiСГС,Р°РSPsРiР»РµРSPё РРС-Р°РiРSPsР·РsР РµРiС-Р»РµРiСГС-С). РёР»С-РР СРSPёРёС,Рё Р·Р°СГС,РsСГСРiР°РSPSCi РёРРР—Р—Рё РiР°СГС-С"РSC,Р°Рј Р· РSPµСГС,Р°Р±С-Р»СёРSPsС РµРiС-Р»РµРiСГС-С"С, Р° РiР°СГС-С"РSC,Р°Рј Р· РёРsРSC,СђРsР»СёРsРiР°РSPsС РµРiС-Р»РµРiСГС-С"С Р»" Р·Р°Р±РµР·РiРµРiС,Рё РiРёР»С»СёРSPёРµ РSP°РiР»СiРР.

РёР°РSC-С—. РёРРР—Р—Рё СГР»С-РР Р· РsР±РµСђРµР¶РµРSPSC-СГС,Сё Р·Р°СГС,РsСГРsРiСРРiР°С,Рё РР»Сi Р»С-РёСРРiР°РSPSCi РiР°СГС-С"РSC,С-Рi Р· РјР°РSC-С"С/РiС-РiРsРјР°РSC-С"С Рi Р°РSP°РјРµР·С-. РµСђРё РiРsСiРiС- РјР°РSC-Р°РёР°Р»СёРSPsРiРs СГС,Р°РSCР РёРРР—Р—Рё СГР»С-РР РiС-РРјС-РSPёС,Рё.

РiСРёРёСРiРёРµ РРС-Р°Р±РµС,, Рј РiР°СГС-С"РSC,С-Рi С-Р· СГСРёСђРsРiРёРј РРС-Р°Р±РµС,РsРј Р»С-РёСРРiР°РSPSCi РёРРР—Р—Рё РјРsР¶Рµ Р·РјС-РSCРiР°С,Рё РiР»С-РёРµРјРјС-СРSPёРµ РёРsРSC,СђРsР»Сё. Р"РsР·СРРiР°РSPSCi С-РSCГСР»С-РSCР С,Р°Р°Р±Рs РiРµСђРsСђР»Р»СёР»СёРs РiС-РiРsРiР»С-РёРµРµРјРјС-СРSPsРiРs Р·Р°СГРsР±СР

PjPsP¶Pµ PīPsC, CĤPµP±CfPIP°C, Pē PePsCĤPµPeC†C-C—.

PŸCžC—C†PēPr, CĤCžC—C†PēPrP°P»CHPSC- PrCžPjPePē P°P±Ps PeP»C-PSC-C†PSPµ
PīPsPiC-CĤC€PµPSPSCĬ. P°PµPīCĤPµCĤC-CĬ PīPsPIBĤ™ CĬP·P°PSP° P· CĤPēP·PēPePsPj
CĤCfC—C†PēPrP°P»CHPSPēC... PrCfPjPsPe, CĤP°PjPsC, CĤP°PIPjCfPIP°PSPSCĬ C, P°
CĤCfC—C†PēPrCf. PjPµPNē CĤPēP·PēPe C-CĤPSCfC” P°P¶ PrPs PrPsCĤCĬPiPSPµPSPSCĬ
CĤC, C-PNēPePsC— CĤPµPjC-CĤC-C—. PhCĤPeC-P»CHPePē PīPsPeCĤP°C%PµPSPSCĬ
CĤC, P°PSCf PjPsP¶Pµ P±CfC, Pē PSPµ PrPsCĤCĬPiPSCfC, Pµ PīCĤPsC, CĬPiPsPj PīPµCĤC€PēC...
C, PēP¶PSC-PI P»C-PeCfPIP°PSPSCĬ P°P±Ps P±C-P»CHC€Pµ, CĤP»C-Pr CĤPµC, PµP»CHPSPs
CĤPiPsCĤC, PµCĤC-PiP°C, Pē P·P° PīP°C†C-C”PSC, P°PjPē PrPs PīPsPeCĤP°C%PµPSPSCĬ
C—C...PSCĤPsPiPs CĤC, P°PSCf. P°C-PrPsPjPs, C%Ps CĤPēP·PēPe CĤCfC—C†PēPrCf PjPsP¶Pµ
PīC-PrPIPēC%CfPIP°C, PēCĤCĬ PSP° CĤP°PSPSC-C... CĤC, P°PrC-CĬC... PsPrCfP¶P°PSPSCĬ.

P†PSC€C- CĤC, P°PSPē, PīCĤPē CĬPePēC... P·P°CĤC, PsCĤPsPICfCĤC, CH
PµCĤC†PēC, P°P»PsPīCĤP°Pj, C, P°PePsP¶ PjPsP¶CfC, CH P±CfC, Pē PīPsPIBĤ™ CĬP·P°PSC- P·
CĤPēP·PēPePsPj CĤCfC—C†PēPrP°P»CHPSPsC— PīPsPIPµPrC-PSPePē. PĤCĤC-Pj C, PsPiPs,
C, P°PeC- CĤC, P°PSPē PjPsP¶CfC, CH P±CfC, Pē PePsPjPsCĤP±C-PrPSPēPjPē P· PIPµP»PēPePēPj
PrPµPīCĤPµCĤPēPIPSPēPj CĤPsP·P»P°PrPsPj. PjC- P·P°CĤC, PµCĤPµP¶PµPSPSCĬ
CĤC, PsCĤCfCĤC, CHCĤCĬ C, P°PePsP¶ P»C-PeCfPIP°PSPSCĬ PīP°C†C-C”PSC, C-PI P·
C-PSC€PēPjPē PīCĤPēC...C-C†PSPēPjPē CĤPsP·P»P°PrP°PjPē.

PµP°C†C-C”PSC, Pē P· P°PSP°PjPSPµP·PsPj CĤCfC—C†PēPrP°P»CHPSPsC— PīPsPIPµPrC-PSPePē
C%Pµ PrPs PīPsC†P°C, PeCf P»C-PeCfPIP°PSPSCĬ PjP°CĤC, CH PSP°PNēPIPēC%PēPNē
CĤPēP·PēPe CĤCfC—C†PēPrP°P»CHPSPēC... PrCfPjPsPe P°P±Ps CĤCfC—C†PēPrP°P»CHPSPēC...
CĤPīCĤPsP± C- PīPsC, CĤPµP±CfCĤC, CH PīPēP»CHPSPsPiPs CĤPīPsCĤC, PµCĤPµP¶PµPSPSCĬ
PīCĤPsC, CĬPiPsPj P»C-PeCfPIP°PSPSCĬ. PĤPµC, P°P°PSP°P»C-P· PrPsCĤP»C-PrP¶PµPSCĤ P·
PIPēPePsCĤPēCĤC, P°PSPSCĬPj PµCĤC†PēC, P°P»PsPīCĤP°PjCf PIPēCĬPIPēPI
PīC-PrPIPēC%PµPSPēPNē CĤPēP·PēPe CĤCfC—C†PēPrP°P»CHPSPsC— PīPsPIPµPrC-PSPePē
CĤPµCĤPµPr PīP°C†C-C”PSC, C-PI PIC-PePsPj PrPs 25 CĤPsPeC-PI, CĬPeC- PīCĤPēPNēPjP°P»Pē
P°PSC, PēPrPµPīCĤPµCĤP°PSC, Pē, PīPsCĤC-PIPSCĬPSPs P· C, PēPjPē, CĬPeC- PīCĤPēPNēPjP°P»Pē
PīP»P°C†PµP±Ps. PµPēP»CHPSPēPNē PSP°PiP»CĬPr P·P° PīP°C†C-C”PSC, P°PjPē P·
PIPēCĤPsPePēPj CĤPēP·PēPePsPj PsCĤPsP±P»PēPIPs PSPµPsP±C...C-PrPSPēPNē PSP°
PīPsC†P°C, PeCf P»C-PeCfPIP°PSPSCĬ C, P° PīCĤPē P·PjC-PSC- PrPsP·Pē.

PµP°C†C-C”PSC, C-PI C, P° PsCĤC-P±, CĬPeC- P·P° PSPēPjPē PrPsPiP»CĬPrP°CĤC, CH, CĤP»C-Pr
PīPsPiPµCĤPµPrPēC, Pē PīCĤPs PSPµPsP±C...C-PrPSC-CĤC, CH CĤPīPsCĤC, PµCĤPµP¶PµPSPSCĬ
C%PsPrPs P±CfPrCH-CĬPePsPiPs PīPsPiC-CĤC€PµPSPSCĬ CĤC, P°PSCf,
CĤCfC—C†PēPrP°P»CHPSPsC— PīPsPIPµPrC-PSPePē P°P±Ps PrCfPjPsPe C-
PSPµP·PIPēC†PSPēC... P·PjC-PS Cf PīPsPIPµPrC-PSC†C-, P° C, P°PePsP¶ PīCĤPs
PSPµPsP±C...C-PrPSC-CĤC, CH PSPµPiP°PNēPSPsPiPs P·PIPµCĤPSPµPSPSCĬ PrPs
P»C-PeP°CĤCĬ Cf CĤP°P·C- CĤPsP·PIPēC, PeCf C†PēC... CĤPēPjPiC, PsPjC-PI.

PhPeP°C, PēP·C-CĬ/PiCĤPēC...PsPjPsC, PsCĤPSPµ P·P±CžPrP¶PµPSPSCĬ.
P—P°CĤC, PsCĤCfPIP°PSPSCĬ PŸP†P—P—PŸ/PŸP†P—P—PŸPĶ PīPsPIBĤ™ CĬP·P°PSPµ P·
CĤPsP·PIPēC, PePsPj P°PeP°C, PēP·C-C— BĤ” CĤC, P°PSCf, C%Ps
C...P°CĤP°PeC, PµCĤPēP·CfC”C, CHCĤCĬ PSPµPīCĤPēC”PjPSPēPj PIPēCĤPSP°P¶P»PēPIPēPj
PIC-PrC†CfC, C, CĬPj PSPµCĤPīPsPePsCĤ C, P° PīPsC, CĤPµP±PsCĤ CĤCfC...P°C, PēCĤCĬ C-
C†P°CĤC, Ps CĤCfPīCĤPsPIPsPrP¶CfC”C, CHCĤCĬ PSPµP·PrP°C, PSC-CĤC, CĤ CĤPēPrC-C, Pē
P°P±Ps CĤC, PsCĬC, Pē PSP° PsPrPSPsPjCf PjC-CĤC†C-. PŸP°PePēPNē CĤC, P°PS
PSP°PNēP±C-P»CHC€ C-PjPsPIC-CĤPSPēPNē PīCĤPsC, CĬPiPsPj PīPµCĤC€PēC...
PeC-P»CHPePsC... C, PēP¶PSC-PI P»C-PeCfPIP°PSPSCĬ. P—P±C-P»CHC€PµPSPSCĬ PrPsP·Pē
PjPsP¶Pµ PīPsPiC-CĤC€PēC, Pē CĤC, P°PS PīP°C†C-C”PSC, C-PI, Cf CĬPePēC...

$P''C-PiPsPSP^{\circ}C, C\bar{H}C-C''PjC-ClI$. $P''C-PiPsPSP^{\circ}C, C\bar{H}C-C''PjC-ClI$, $PjPsP\Pi P \gg P\ddot{e}PIPs$,
 $PiPsPiB\bar{H}^{\text{TM}} ClI \cdot P^{\circ}PSP^{\circ} P \cdot PiPsC\bar{H}CrC\bar{E}P\mu PSPSClI Pj Cl'P\mu PeC\bar{H}P\mu C\bar{t}C-C-$
 $P^{\circ}PSC, P\ddot{e}PrC-CrC\bar{H}P\mu C, P\ddot{e}C\ddagger PSPsPiPs PiPsC\bar{H}PjPsPSCr' (P\bar{h}P''P'')$, $PSP^{\circ} C, P \gg C- PiC\bar{H}P\ddot{e}PN\ddot{e}PsPjCr'$
 $P\bar{Y}P\bar{t}P-P-P\bar{Y} PIP\ddot{e}PSP\ddot{e}PeP^{\circ}C'' C\bar{H}C-PrPePs C- P \cdot P^{\circ}P \cdot PIP\ddot{e}C\ddagger P^{\circ}PN\ddot{e} P \cdot PSP\ddot{e}PeP^{\circ}C'' PiC-Cl'P \gg ClI$
 $PIC-PrPjC-PSP\ddot{e} C, P\mu C\bar{H}P^{\circ}PiC-C-$. $P\bar{Y}P\bar{t}P-P-P\bar{Y} Cl'P \gg C-Pr PiC\bar{H}P\ddot{e}P \cdot PSP^{\circ}C\ddagger P^{\circ}C, P\ddot{e} P \cdot$
 $PsP\pm P\mu C\bar{H}P\mu P\Pi PSC-Cl'C, C\bar{H} PiP^{\circ}C\bar{t}C-C''PSC, P^{\circ}Pj PiC\bar{H}Cr'PiP\ddot{e} C\bar{H}P\ddot{e}P \cdot P\ddot{e}PeCr' (P \gg C-C, PSC-PN\ddot{e}$
 $PIC-Pe, PSP^{\circ}ClIPIPS-Cl'C, C\bar{H} C\bar{t}P\ddot{e}C\bar{H}PsP \cdot Cr' PiP\mu C\bar{t}C-PSPeP\ddot{e} P^{\circ}P\pm Ps PsPrPSPsC\ddagger P^{\circ}Cl'PSP\mu$
 $P \gg C-PeCr'PIP^{\circ}PSPSClI P \gg C-PeP^{\circ}C\bar{H}Cl'CH\bar{h}PeP\ddot{e}PjP\ddot{e} P \cdot P^{\circ}Cl'PsP\pm P^{\circ}PjP\ddot{e}, C\%Ps$
 $Cl'PiC\bar{H}P\ddot{e}C\ddagger P\ddot{e}PSClI C\bar{H}C, C\bar{H} PiC-PiPsPSP^{\circ}C, C\bar{H}C-C''PjC-C\bar{H})$.

$P \cdot P\check{Y}P\check{y}$ ($P_{\mu}P \gg P_{\mu}PeC, C\check{H}PsC\check{I}C\acute{z}PrPsPjPSP^{\circ} C, P_{\mu}C\check{H}P^{\circ}PiC-C\check{I}$). $P_{\check{y}}P \gg C-PSC-C\ddagger PSP\check{e}PN_{\check{e}}$
 $PrPsC\check{I}PIC-Pr PsPrPSPsC\ddagger P^{\circ}C\check{I}PSPsPiPs P \cdot P^{\circ}C\check{I}C, PsC\check{I}C\acute{r}PiP^{\circ}PSPSC\check{I} P\check{Y}P\ddagger P-P-P\check{Y} C, P^{\circ} P \cdot P\check{Y}P\check{y}$
 $PsP\pm PjP_{\mu}P\Pi P_{\mu}PSP\check{e}PN_{\check{e}}, C, PsPjC\acute{r} C\check{H}P_{\mu}PePsPjP_{\mu}PSP\check{r}C\acute{r}C''C, CHC\check{I}C\check{I}$
 $PsP\pm P_{\mu}C\check{H}P_{\mu}P\Pi PSC-C\check{I}C, CH.$

PŸPµCŦPsC,PsPSC-PSPsPIPëPNë CÍPëPSPrCŦPsPj. P PµPePsPjPµPSPrCÍC”C,ChCÍCŦPsP±PµCŦPµPŦPSC-CÍC,Ch PíCŦPë PsPrPSPsC±P°CÍPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC-PµCÍC†PëC,P°P»PsPíCŦP°PjCÍ P·P»C-PeP°CŦCÍChPePëPjPë P·P°CÍPsP±P°PjPë, C%oPs C±PëPSCŦC,Ch CÍPµCŦPsC,PsPSC-PSPµCŦPiC-C±PSCÍ PrC-CŦ, C,P°PePëPjPë CŦPe C,ŦPëPíC,P°PSPë (PIPeP»CŦC±P°CŦC±Pë CÍCÍPjP°C,ŦPëPíC,P°PS), B PsPíC-PsC—PrPë (PIPeP»CŦC±P°CŦC±PëB C,ŦP°PjP°PrPsP») C- C,ŦPëPíC,PsC,,P°PS.

Pj PīP°C†C-C°PSC,C-PI, C‡PpEC- PīC‡PēPNēPjP°C‡C,C‡ PŸP†P—P—PŸ PsPrPSPSc†P°C†PSPs C-P·
C†PμC‡PsC,PsPSC-PSPμC‡PiC-C†PSPēPjPē P»C-PeP°C‡C†C‡PePePēPjPē P·P°C†PsP±P°PjPē, C†
PiPsPsPrPēPSPsPePēC... PIPēPīP°PrPeP°C... PjPsP¶Pμ C‡PsP·PIPēPSC†C,PēC†C‡
C†PμC‡PsC,PsPSC-PSPsPIPēPNē C†PēPSPrC‡PsPj. PkPμPsP±C...C-PrPSPs P·
PsP±PμC‡PμP¶PSC-C†C,C‡ P·P°C†C,Psc†PsPIC†PIP°C,Pē PμC†C†PēC,P°P»PsPīC‡P°Pj
PsPrPSPSc†P°C†PSPs P· P»C-PeP°C‡C†C‡PePePēPjPē P·P°C†PsP±P°PjPē, C%Ps C†PēPSC‡C,C‡

СГРµСГПсС,PsPSC-PSРµСГРµС-С±PSCr PrC-СГ. РќР° РNеPsPiPs СГПсР·PIPёC,PsPe PjPsP¶Pµ
PIPeP°P·CрPIP°C,Рё PePsPjP±C-PSР°C†C-С¶ C,Р°PePёC... СГРёPjPiC,PsPjC-PI С¶Pe
Р°Р¶PёC,Р°C†C-С¶, C,СГРµPjPsСГ, PjC-PsPeP»PsPSCrСГ, PiC-PiPµСГC,РµСГPjC-С¶. P¶PeC%Ps
PIPePSPёPeP»Р° C,Р°PeP° СГРёC,СрР°C†C-С¶, C,Ps PŸP†P—P—PŸ C-
СГРµСГПсС,PsPSC-PSРµСГРµС-С±PSC- P»C-PeP°СГСГСГPeC- Р·Р°СГРсР±Pё
PSРµPsP±C...C-PrPSPs C,РµСГPjC-PSРsPIPs PIC-PrPjC-PSРёC,Рё C- P¶СГРёP·PSР°C±PёC,Рё
СГРёPjPiC,PsPjP°C,РёC±PSРµ P»C-PeCрPIP°PSРSC¶.

P—PIC-СГПсР±C-PNе. PhPrPSPsC±Р°СГPSРµ Р·Р°СГC,PsСГСрPIP°PSРSC¶ PŸP†P—P—PŸ C,Р°
СГПсСГР»PёPSРPёC... Р·Р°СГРсР±C-PI, C%Ps PjC-СГC,С¶C,СГ Р·PIC-СГПсР±C-PNе, PjPsP¶Pµ
P¶СГРёP·PIPµСГC,Рё PrPs PiC-PrPIPёC%PµPSРSC¶ C±Р°СГC,PsC,Рё PiPsP±C-С±PSРёC...
СГРµP°PeC†C-PNе (PrPёPI. СГПсР·PrC-P» B«P’P·Р°C”PjPsPrC-С¶ Р· C-PSCEPёPjPё
P»C-PeP°СГСГСГPePёPjPё Р·Р°СГРсР±P°PjPё C,Р° C-PSCEC- PIPёPrPё PIP·Р°C”PjPsPrC-PNеB»).

PŸPёPjPiC,PsPjPё PIC-PrPjC-PSРё. PŸPёPjPiC,PsPjPё PIC-PrPjC-PSРё P¶СГРё
Р·Р°PeC-PSCEPµPSРSC- P»C-PeCрPIP°PSРSC¶, PsСГРсР±P»PёPIPs СГC-Р·PePsPjCр, C”
PiPsCEPёСГPµPSРёPjPё. P’C-PrPsPjPs, C%Ps Cр PrPsСГР»C-PrP¶PµPSРSC¶C... P¶СГРё
P¶СГРёP¶PёPSРµPSРSC- P»C-PeCрPIP°PSРSC¶ PiPsP±C-С±PSC- РµC,,PµPeC,Рё
PIPePSPёPeP°P»Pё P¶СГРёP±P»Pё·PSРs Cр 25 % PiP°C†C-C”PSC,C-PI, С¶PeC-
P¶СГРёPNеPjP°P»Pё РµСГC†PёC,Р°P»PsP¶СГР°Pj, C,Р° Cр 15 % PiP°C†C-C”PSC,C-PI, С¶PeC-
P¶СГРёPNеPjP°P»Pё PiP»P°C†PµP±Ps. P PёP·PёPe СГРёPjPiC,PsPjC-PI PIC-PrPjC-PSРё PjPsP¶Pµ
Р·Р°P»PµP¶P°C,Рё PIC-Pr PeC-P»СГPePsC... C,,P°PeC,PsСГC-PI, Cр C,, C±. PIC-Pr
C,СГРёPPIP°P»PsСГC,C- C,Р° PrPsP·Pё, CEPIPёPrPePsСГC,C- Р·PSРёP¶PµPSРSC¶ PrPsP·Pё.
P—Р°PiP°PjPsСГPсPµPSРSC¶, СГРµPSCrPsСГPSC- PiPsСГCрCEPµPSРSC¶ (Cр C,, C±.
PiP°СГРµСГC,РµP·C—, PIC-PrC±CрC,C,С¶ CрPrP°СГCр СГC,СГCрPjPsPj), СГПсР·P»Р°PrPё
СГPSCр (Cр C,, C±. P±PµP·СГPsPSРSC¶, С¶СГPeСГР°PIC- СГPSРsPIPёPrC-PSРSC¶),
Р·P±CрPrP¶PµPSРSC¶ Р°P±Ps C,СГРёPIPsP¶PSC-СГC,СГ, PSCрPrPsC,Р° C,Р°/Р°P±Ps
P±P»СГPIP°PSРSC¶, C,СГРµPjPsСГ, СГPiP»CрC,Р°PSC-СГC,СГ СГPIC-PrPsPjPsСГC,C-,
PiC-PrPIPёC%PµPSРµ PiPsC,PsPIPёPrC-P»PµPSРSC¶, PiPsP»PsPIPSPёPNе P±C-P»СГ,
PrC-P°СГРµС¶, PiPsСГPёP»PµPSРµ СГРµСГC†PµP±PёC,C,С¶, РµPjPsC†C-PNеPSР°
PSРµСГC,Р°P±C-P»СГPSC-СГC,СГ, PrСГР°C,C-PIP»PёPIC-СГC,СГ C- PiPsСГCрCEPµPSРSC¶
P·PsСГCр C” PSР°PNеC±Р°СГC,C-CEPёPjPё СГРµP°PeC†C-С¶PjPё. P—Р°P·PIPёC±Р°PNе C†C-
СГРёPjPiC,PsPjPё C” P»PµPiPePёPjPё Р°P±Ps СГРµСГРµPrPSC-PjPё Р·Р° C,С¶P¶PeC-СГC,СГ,
Р°P»Pµ Cр PrPµС¶PePёC... PiP°C†C-C”PSC,C-PI PjPsP¶CрC,СГ P±CрC,Рё C,С¶P¶C±PёPjPё.
P’PsPSPё Р·Р°P·PIPёC±Р°PNе PIPёPSРёPeP°СГC,СГ P¶СГPsC,С¶PiPsPj PiPµСГCEPёC...
PeC-P»СГPePsC... PrC-P± PiC-СГР»С¶ PiСГРёPiPёPSРµPSРSC¶ P»C-PeCрPIP°PSРSC¶, Р°P»Pµ
P±CрP»Pё PrCрP¶Pµ СГC-PrPeC-СГPSC- PiPsPIC-PrPsPjP»PµPSРSC¶ PiСГPs PiPsPrC-P±PSC-
СГРёPjPiC,PsPjPё Cр PiP°C†C-C”PSC,C-PI, С¶PeC- PIPёPiP°PrPePsPIPs PiСГPsPiCрСГC,РёP»Pё
PrPsP·Cр. P¶Pe P¶СГР°PIPёP»Ps, СГРёPjPiC,PsPjPё PIC-PrPjC-PSРё PjPёPSР°СГC,СГ
P¶СГPsC,С¶PiPsPj 2 C,РёP¶PSC-PI, PsPrPSP°Pe Cр PrPµС¶PePёC... PiP°C†C-C”PSC,C-PI
PjPsP¶CрC,СГ C,СГРёPIP°C,Рё P±C-P»СГCEPµ (2-3 PjC-СГС¶C†C- Р°P±Ps P±C-P»СГCEPµ).
PŸР°PePёPj C±PёPSРsPj, СГРµPePsPjPµPSРrCрC,СГСГС¶ PiPsСГC,СрPiPsPIPµ
P¶СГРёPiPёPSРµPSРSC¶ P»C-PeCрPIP°PSРSC¶ РµСГC†PёC,Р°P»PsP¶СГР°PjPsPj CEP»С¶C...PsPj
P·PSРёP¶PµPSРSC¶ PrPsP·Pё P¶СГPsC,С¶PiPsPj PeC-P»СГPePsC... C,РёP¶PSC-PI Р°P±Ps
PjC-СГС¶C†C-PI, Р·Р°P»PµP¶PSРs PIC-Pr СГC,Р°PSCр PiP°C†C-C”PSC,Р° (PrPёPI. СГПсР·PrC-P»
B«PŸPiPsСГC-P± Р·Р°СГC,PsСГСрPIP°PSРSC¶ C,Р° PrPsP·PёB»).

PŸPµPeCГCрP°P»СГPSР° PrPёСГC,,CрPSРeC†C-С¶. PŸP†P—P—PŸ/P†P—P—PŸPќ PjPsP¶CрC,СГ
СГPiCГPёC±PёPSC¶C,Рё СГРёPjPiC,PsPjPё СГРµPeCГCрP°P»СГPSРsC—
PrPёСГC,,CрPSРeC†C-C— (PrPёPI. СГПсР·PrC-P» B«PµPsP±C-С±PSC- СГРµP°PeC†C-C—B»).

P’CрP»Pё PiPsPIC-PrPsPjP»PµPSРSC¶ PiСГPs C,СГРёPIP°P»C- СГРµPeCГCрP°P»СГPSC-

PrPëCfC„CfPSPeC+C—, PrPµ B CfPëPjPiC,PsPjPë PiCfjPsPrPsPIP¶CfPIP°P»PëCfCfj
PiC—CfP»Cfj PiCfjPëPiPëPSPµPSPSCfj P»C—PeCfPIP°PSPSCfj PŸP†P—P—PŸ / P†P—P—PŸPž.

P†C€PµPjC—C†PSP° C...PIPsCfjPsP±P° CfPµCfjC†Cfj. P PµPePsPjPµPSPPrCfC”C,ChCfCfj P·
PsP±PµCfjPµP¶PSC—CfC,Ch PiCfjPëP·PSP°C†P°C,Pë P»C—PeP°CfjCfjChPePëPNë
P·P°CfC—P± PiP°C†C—C”PSC,P°Pj P· C—C€PµPjC—C†PSPsCfj C...PIPsCfjPsP±PsCfj
CfPµCfjC†Cfj C†PµCfjPµP· PsP±PjPµP¶PµPSPëPNë PeP»C—PSC—C†PSPëPNë PrPsCfPIC—Pr.

PµPsPrPsPIP¶PµPSPSCfj C—PSC,PµCfjPIP°P»Cž QT. P’PëCfjPIP»PµPSPs, C%Ps
PµCfC†PëC,P°P»PsPiCfjP°Pj CfPiCfjPëC†PëPSCfjC” PrPsP·PsP·P°P»PµP¶PSPµ
PiPsPrPsPIP¶PµPSPSCfj C—PSC,PµCfjPIP°P»Cf QPŸ. Pj
PiC—CfP»CfjCfjPµC”CfC,CfjP°C†C—PNëPSPëPNë PiPµCfjC—PsPr PiPsPIC—PrPsPjP»CfjP»PsCfCfj
PiCfjPs PIPëPiP°PrPePë PiPsPrPsPIP¶PµPSPSCfj C—PSC,PµCfjPIP°P»Cf QT C,P°
C€P»CfPSPsC†PePsPIPëC... P°CfjPëC,PjC—PNë, Cf C,PsPjCf C†PëCfP»C— PiPsP»C—PjPsCfjC,,PSPsC—
C€P»CfPSPsC†PePsPIPsC— C,P°C...C—PeP°CfjPrC—C— (torsade de pointes), PiPµCfjPµPIP°P¶PSPs
Cf PiP°C†C—C”PSC,C—PI P¶C—PSPsC†PsC— CfC,P°C,C— P· PiC—PiPsPeP°P»C—C”PjC—C”Cfj P°P±Ps
CfjP°PSC—C€Pµ C—CfPSCfCfjC†PëPj PiPsPrPsPIP¶PµPSPSCfjPj C—PSC,PµCfjPIP°P»Cf QT, P°P±Ps
C—PSC€PëPjPë CfPµCfjC†PµPIPëPjPë P·P°C...PIPsCfjCfjPIP°PSPSCfjPjPë (PrPëPi. CfjPsP·PrC—P»Pë
B«PµCfjPsC,PëPiPsPeP°P·P°PSPSCfjB», B«P’P·P°C”PjPsPrC—Cfj P· C—PSC€PëPjPë
P»C—PeP°CfjCfjChPePëPjPë P·P°CfjPsP±P°PjPë C,P° C—PSC€C— PIPëPrPë PIP·P°C”PjPsPrC—PNëB»,
B«PµPsP±C—C†PSC— CfjPµP°PeC†C—C—B», B«PµPµCfjPµPrPsP·CfPIP°PSPSCfjB» C,P°
B«PµP°CfjPjP°PePsPrPëPSP°PjC—PeP°B»).

P PµPePsPjPµPSPPrCfC”C,ChCfCfj P· PsP±PµCfjPµP¶PSC—CfC,Ch P·P°CfC,PsCfPsPICfPIP°C,Pë
P»C—PeP°CfjCfjChPePëPNë P·P°CfC—P± PiP°C†C—C”PSC,P°Pj P·C— P·PSP°C†PSPsCfj
P±CfjP°PrPëPeP°CfjPrC—C”Cfj P°P±Ps PiP°C†C—C”PSC,P°Pj C—P· PSPµC%PsPrP°PIPsPs
PiPµCfjPµPSPµCfPµPSPëPj PiPsCfC,CfjPëPj C—PSC,,P°CfjPeC,PsPj PjC—PsPeP°CfjPrP° P°P±Ps
PSPµPePsPjPiPµPSCfPsPIP°PSPsCfj CfPµCfjC†PµPIPsCfj PSPµPrPsCfC,P°C,PSC—CfC,Ch.

P·P»PµPeC,CfjPsP»C—C,PSC— CfjPsP·P»P°PrPë, C,P°PeC— CfjPe PiC—PiPsPeP°P»C—C”PjC—Cfj C,P°
PiC—PiPsPjP°PiPSC—C”PjC—Cfj, PiC—PrPIPëC%CfCfjC,Ch CfjPëP·PëPe PIPëPSPëPePSPµPSPSCfj
P·P»PsCfjPeC—CfPSPëC... P°CfjPëC,PjC—PNë, C— C—C... CfP»C—Pr PePsCfjPëPiCfPIP°C,Pë PrPs
PiPsC†P°C,PeCf P»C—PeCfPIP°PSPSCfj PµCfC†PëC,P°P»PsPiCfjP°PjPsPj.

Pj PiP°C†C—C”PSC,C—PI C—P· P·P°C...PIPsCfjCfjPIP°PSPSCfjPjPë CfPµCfjC†Cfj P·C—
CfC,P°P±C—P»ChPSPëPj PiPµCfjPµP±C—PiPsPj PrPs PiPsC†P°C,PeCf P»C—PeCfPIP°PSPSCfj
CfP»C—Pr PiPµCfjPµPiP»CfPSCfC,Pë P·PµP”.

PiPeC%Ps PiC—Pr C†P°Cf P»C—PeCfPIP°PSPSCfj PµCfC†PëC,P°P»PsPiCfjP°PjPsPj
PIPëPSPëPeP°CfjC,Ch PsP·PSP°PePë CfPµCfjC†PµPIPsC— P°CfjPëC,PjC—C—, CfP»C—Pr
PiCfjPëPiPëPSPëC,Pë P»C—PeCfPIP°PSPSCfj C— P·CfjPsP±PëC,Pë P·PµP”.

P—P°PeCfjPëC,PsPeCžC,PsPIP° PiP»P°CžPePsPjP°. PŸP†P—P—PŸ, Cf C,PsPjCf C†PëCfP»C—
PµCfC†PëC,P°P»PsPiCfjP°Pj, PjPsP¶CfC,Ch PIPiP»PëPIP°C,Pë PSP° CfjPsP·PjC—Cfj P·C—PSPëC†C—,
C%Ps PiCfjPsCfjPIP»CfjC”C,ChCfCfj PjC—PrCfjC—P°P·PsPj. P—C— CfPIPsPiPs P±PsPeCf,
CfjPsP·C€PëCfjPµPSPSCfj P·C—PSPëC†C— PjPsP¶Pµ P·CfPjPsPIP»CfjPIP°C,Pë P·PICfP¶PµPSPSCfj
PeCfC,P° PsPeP° C—, CfjPe PSP°CfP»C—PrPsPe, PiC—PrPIPëC%CfPIP°C,Pë
PIPsCfC,CfjC—C€PSCfjPsPsC†PSPëPNë C,PëCfPe C,P° PiCfjPsPIPsPeCfPIP°C,Pë
P·P°PeCfjPëC,PsPeCfC,PsPICf PiP»P°CfPePsPjCf, PsCfPsP±P»PëPIPs Cf CfC...PëP»ChPSPëC...
PrPs C†ChPsPiPs PiP°C†C—C”PSC,C—PI. PŸPsPjCf PµCfC†PëC,P°P»PsPiCfjP°Pj CfP»C—Pr P·
PsP±PµCfjPµP¶PSC—CfC,Ch P·P°CfC,PsCfPsPICfPIP°C,Pë PiP°C†C—C”PSC,P°Pj C—P·
P·P°PeCfjPëC,PsPeCfC,PsPIPsCfj PiP»P°CfPePsPjPsCfj P°P±Ps PiP»P°CfPePsPjPsCfj PI

P°PSP°PjPSPμP·C-.

P°PsPiPsPjC-P°PSC- CḡPμC±PsPIPëPSPë. P|PμPNë P»C-PeP°CḡCíCḡPePëPNë P·P°CíC-P±
PjC-CíC,PëC,Cḡ PjPμPSC€Pμ 1 PjPjPsP»Cḡ PSP°C,CḡC-Cḡ (23 PjPi), C,PSP±C,PSP
PíCḡP°PeC,PëC±PSPs PIC-P»CḡPSPëPNë PIC-Pr PSP°C,CḡC-Cḡ.

P—P°CíC,PSCíC±PIP°PSPSCḡ C± PíPμCḡC-PsPr PIP°PiC-C,PSPSCíC,C- P°P±Ps
PiPsPrC±PIP°PSPSCḡ PiCḡC±PrPrCḡ.

P°P°PiC-C,PSC-CíC,Cḡ. PḡP»C-PSC-C±PSC- PrP°PSC- C%PsPrPs P·P°CíC,PSCíC±PIP°PSPSCḡ
PμCíC±PëC,P°P»PsPíCḡP°PjCí PíCḡPë P»C-PeCíPIP°PSPSC- PIP°PiC-C,PSPëC...
PsP±PjPμP°PμPSC-.

P°C-PrPsPjPs, C%Ps PrPsCíP»C-PrP°PμPSPSCḡ PSP° C,PIP°CḡPëPSP°C... PíPsPeP°P·P°P»Pë
CḡPμPíCḡPsPrCíPeC,PëPIPSCí C,PSPeCíPëC±PSC-CíC,Cḡ.

P»C-PeP°CḡCíCḡPePëPNë P·P°CíC-P± P·CíC±PëC,P°Pj^B PḡCíC-PSPs
PíCḡPsC,PëPíPsPeP°P·P°PSPëPNë PIP°PiC-C,PSPëPj, P·P° PIPëPSCḡC,PePsPj PIPëPíP°PrPeC-PI,
PePsP»Pë PíC-CíP»Cḡ CḡPμC,PμP»CḡPSPsPiPs CḡPsP·PiP»CḡPrCí PICíC-C...
PSPμPrPsP»C-PeC-PI C- PíPμCḡPμPIP°Pi P±CíP»P° C±C-C,PePs PrPsPIPμPrPμPSP°
PSPμPsP±C...C-PrPSC-CíC,Cḡ PíCḡPëP·PSP°C±PμPSPSCḡ P»C-PeP°CḡCíCḡPePsPiPs
P·P°CíC±P±Cí.

P PμPePsPjPμPSPPrCíC°C,CḡCíCḡ CḡPμC,PμP»CḡPSPμ PsP±CíC,PμP°PμPSPSCḡ
PSPsPiPsPSP°CḡPsPrP°PμPSPëC..., PjP°C,PμCḡC- CḡPePëC... PíCḡPëPNëPjP°P»Pë
P»C-PeP°CḡCíCḡPePëPNë P·P°CíC-P± P·CíC±PëC,P°Pj^B PḡCíC-PSPs PíCḡPsC,CḡPiPsPj
PIP°PiC-C,PSPSCíC,C-, PsCíC±P»PëPIP s PI P±P±P± C,CḡPëPjPμCíC,CḡC-.
PḡPμPsP±C...C-PrPSPs CíPSPëPeP°C,Pë CḡP°PiC,PSPiPsPiPs PíCḡPëPíPëPSPμPSPSCḡ
P·P°CíC,PSCíC±PIP°PSPSCḡ P»C-PeP°CḡCíCḡPePsPiPs P·P°CíC±P±Cí Cí PíPμCḡC-PsPr
PIP°PiC-C,PSPSCíC,C-.

Pj PSPsPiPsPSP°CḡPsPrP°PμPSPëC..., PjP°C,PμCḡC- CḡPePëC... PíCḡPëPNëPjP°P»Pë
PŸP±P—P—PŸ/PŸP±P—P—PŸPḡ PSP° PíC-P·PSC-C... CíC,P°PrC-CḡC... PIP°PiC-C,PSPSCíC,C-
PjPsP°P»PëPIPμ PIPëPSPëPePSPμPSPSCḡ C,P°PePëC... CíPëPjPiC,PsPjC-PI:
CḡPμCíPíC-CḡP°C,PsCḡPSPëPNë PrPëCíC,CḡPμCí, C±C-P°PSPsP·, P°PíPSPsPμ, CíCíPrPsPjPë,
PePsP»PëPIP°PSPSCḡ C,PμPjPiPμCḡP°C,CíCḡPë C,C-P»P°, PíCḡPsP±P»PμPjPë PíC-Pr C±P°Cí
PiPsPrCíPIP°PSPSCḡ, P±P»CḡPIP°PSPSCḡ, PiC-PíPsPiP»C-PePμPjC-Cḡ, PiC-PíPμCḡC,PsPSC-Cḡ
P°P±Ps PiC-PíPsC,PsPSC-Cḡ, PiC-PíPμCḡCḡPμC,,P»PμPeCíC-Cḡ, C,CḡPμPjPsCḡ,
PSPμCḡPiPsPiPμ P·P±CíPrP°PμPSPSCḡ, PrCḡP°C,C-PIP»PëPIC-CíC,Cḡ, P°PíP°C,C-Cḡ,
PíPsCíC,C-PNëPSPëPNë PíP»P°C±, CíPsPSP»PëPIC-CíC,Cḡ C- C,CḡCíPrPSPsC%C- P·C-
CíPSPsPj. PíC- CíPëPjPiC,PsPjPë PjPsP°CíC,Cḡ CḡPsP·PIPëPSCíC,PëCíCḡ PIPSP°CíP»C-PrPsPe
CḡPe CíPμCḡPsC,PsPSC-PSPμCḡPiC-C±PSPëC... PμC,,PμPeC,C-PI, C,P°Pe C- P±CíC,Pë
PsP·PSP°PeP°PjPë CíPëPSPrCḡPsPjCí PIC-PrPjC-PSPë. Pj P±C-P»CḡC€PsCíC,C-
PIPëPíP°PrPeC-PI PíCḡPsCḡPIPë CíCíPeP»P°PrPSPμPSCḡ PIPëPSPëPeP°CḡC,Cḡ PsPrCḡP°P·Cí
P°P±Ps C±PμCḡPμP· PSPμP·PSP°C±PSPëPNë C±P°Cí (< 24 PiPsPrPëPs) PíC-CíP»Cḡ
PíPsP»PsPiC-PI.

P·PiC-PrPμPjC-PsP»PsPiC-C±PSC- PrP°PSC- PíPsPeP°P·P°P»Pë, C%Ps
P·P°CíC,PSCíC±PIP°PSPSCḡ PŸP±P—P—PŸ PIP°PiC-C,PSPëPj PjPsP°Pμ PíC-PrPIPëC%CíPIP°C,Pë
CḡPëP·PëPe CíC,C-PNëPePsC— P»PμPiPμPSPμPiPsC— PiC-PíPμCḡC,PμPSP·C-C— Cí

PSPsPIPsPSP°CḡPsPrP¶PµPSPëC... (PrPs 5 PIPëPïP°PrPeC-PI PSP° 1000 PIP°PiC-C,PSPëC...). PJ P·P°PiP°P»CHbPSC-PNḡ PïPsPïCíP»CḷC†C-C— PIPëPSPëPeP°C” PIC-Pr 1 PrPs 2 PIPëPïP°PrPeC-PI PSP° 1000 PIP°PiC-C,PSPëC....

PµPµCḡC-PsPr PiPsPrC¿PIP°PSPSCḷ PiCḡC¿PrPrCḡ. PḡCíPeC-P»CHbPePë
PµCíC†PëC,P°P»PsPïCḡP°Pj PïCḡPsPSPëPeP°C” Cí PiCḡCíPrPSPµ PjPsP»PsPePs,
PïCḡPsC,CḷPiPsPj P»C-PeCíPIP°PSPSCḷ PSPµ CḡPµPePsPjPµPSPPrCíC”C,CHbCíCḷ
PiPsPrCíPIP°PSPSCḷ PiCḡCíPrPrCḡ.

P”P°PSC- CíPïPsCíC,PµCḡPµP¶PµPSCḡ PIPeP°P·CíCḡC,CH PSP° PïC-PrPIPëC%PµPSPëPNḡ
CḡPëP·PëPe (PjPµPSC€ PSC-P¶ Cí 2 CḡP°P·Pë) PïC-CíP»CḷPiPsP»PsPiPsPIPsC—
PeCḡPsPIPsC,PµC†C- PïC-CíP»Cḷ PIPïP»PëPICí PŸP†P—P—PŸ/PŸP†P—P—PŸPḡ
PïCḡPsC,CḷPiPsPj PjC-CíCḷC†Cḷ PïC-CíP»Cḷ PSP°CḡPsPrP¶PµPSPSCḷ (PrPëPI.
CḡPsP·PrC-P»Pë B«PḡCíPsP±P»PëPIPsCíC,C- P·P°CíC,PSCíCíPIP°PSPSCḷB» C,P°
B«PµPsP±C-C†PSC- CḡPµP°PeC†C-C—B»).

PḡPµCḡC,PëP»CHbPSC-CíC,CH. P”PµCḷPeC- PŸP†P—P—PŸ PjPsP¶CíC,CH PIPïP»PëPIP°C,Pë
PSP° CḷPeC-CíC,CH CíPïPµCḡPjPë. PµPsPIC-PrPsPjP»PµPSPSCḷ PïCḡPs
P·P°CíC,PSCíCíPIP°PSPSCḷ PrPµCḷPePëC... PŸP†P—P—PŸ PïPsPeP°P·P°P»Pë, C%Ps PIPïP»PëPI
PSP° CḷPeC-CíC,CH CíPïPµCḡPjPë Cí P»CḡPrPëPSPë C” PsP±PsCḡPsC,PSPëPj. P’PïP»PëPI PSP°
C,,PµCḡC,PëP»CHbPSC-CíC,CH Cí P»CḡPrPëPSPë PrPsCíC- PSPµ
CíPïPsCíC,PµCḡC-PiP°PICíCḷ.

P—PrP°C,PSC-CíC,CH PIPïP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CíC,CH CḡPµP°PeC†C-C— PïCḡPë
PePµCḡC¿PIP°PSPSC- P°PIC,PsC,CḡP°PSCíPïPsCḡC,PsPj P°P±Ps C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

P—P°PiP°P»PsPj PµCíC†PëC,P°P»PsPïCḡP°Pj PSPµ PIPïP»PëPIP°C” PSP°
C-PSC,PµP»PµPeC,CíP°P»CHbPSC- C,,CíPSPeC†C-C— P°P±Ps PïCíPëC...PsPjPsC,PsCḡPSC-
CḡPµP°PeC†C-C—, P°P»Pµ CíP»C-Pr PICḡP°C...PsPICíPIP°C,Pë, C%Ps P±CíPrCHb-CḷPePëPNḡ
PïCíPëC...PsP°PeC,PëPIPSPëPNḡ P·P°CíC-P± PjPsP¶Pµ PïPsCḡCíC€CíPIP°C,Pë PSP°PIPëC†PePë
P°P±Ps P·PrP°C,PSC-CíC,CH CḡPsP·CíCíPrP»PëPIPsPiPs PjPëCíP»PµPSPSCḷ. PŸP»C-Pr
PïPsPïPµCḡPµPrPëC,Pë PïP°C†C-C”PSC,C-PI PïCḡPs PïPsC,PµPSC†C-PNḡPSPëPNḡ CḡPëP·PëPe
PIPïP»PëPICí PSP° PePµCḡCíPIP°PSPSCḷ P°PIC,PsC,CḡP°PSCíPïPsCḡC,PsPj P°P±Ps
C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PŸPïPsCíC-P± P·P°CíC,PSCíC¿PIP°PSPSCḷ C,P° PrPsP·Pë.

P’PµP·PïPµPeP° P·P°CíC,PSCíCíPIP°PSPSCḷ PrPsP· PïPsPSP°Pr 20 PjPi PSP° PrPsP±Cí PSPµ
P±CíP»P° PICíC,P°PSPsPIP»PµPSP°.

P·CíC†PëC,P°P»PsPïCḡP°Pj P·P°CíC,PSCíPsPICíPIP°C,Pë PrPsCḡPsCíP»PëPj
PIPSCíC,CḡC-C€PSCḡPs 1 CḡP°P· PSP° PrPsP±Cí PSPµP·P°P»PµP¶PSPs PIC-Pr PïCḡPëPNḡPsPjCí
C—P¶C-.

P’PµP»PëPePëPNḡ PrPµPïCḡPµCíPëPIPSPëPNḡ PµPïC-P·PsPr.

P—P°P·PIPëC†P°PNḡ CíP»C-Pr PïCḡPëP·PSP°C†P°C,Pë 10 PjPi 1 CḡP°P· PSP° PrPsP±Cí.
P—P°P»PµP¶PSPs PIC-Pr C-PSPPrPëPIC-PrCíP°P»CHbPSPsC— C†CíC,P»PëPIPsCíC,C-

РіР°С†С-С"РSC,Р° РrPsP±PsPICr РrPsP·Сr РjPsP¶PSP° Р·Р±С-Р»СНCЄРёC,Рё РrPs
РjР°РeСГРёРjР°Р»СНPSPsC— вґ" 20 РjPi.

РґPSC,РёРrРµPіCґPµCГРёPіPSPёPNё РµC,,РµРeC, Р·Р°Р·PіPёC±Р°PNё PSP°СГC,Р°С" С±РµCґPµP·
2-4 C,РёP¶PSC-. РµC-СГР»Cґ Р·PSPёРePSPµPSPSCґ СГРёРjРіC,PsPjC-PI Р»C-РeСrPіP°PSPSCґ
PSPµPsP±C...C-РrPSPs PіCґPsPrPsPіP¶CГРіPіP°C,Рё PіCґPsC,СґPіPsPj 6 РjC-СГCґC†C-PI Р·
РjРµC,PsCґ Р·РjC-С†PSPµPSPSCґ РµC,,РµРeC,Сr.

РµР°PSC-С±PSC- CґPsP·Р»Р°РrРё Р· Р°PіPsCґP°C,,PsP±C-С"Сґ Р°Р±Ps Р±РµР· PSPµC—.

РµCґPsC,СґPіPsPj PіPµCґCЄPsPіPs C,РёP¶PSCґ CґPµРePsPjРµPSPrСrС"С,СНCГCґCґ
PіPsC±Р°C,РePsPіP° РrPsP·Р° 5 РjPi PSP° РrPsP±Сr, PіC-СГР»Cґ С±PsPіPs РrPsP·Сr РjPsP¶PSP°
Р·Р±С-Р»СНCЄРёC,Рё РrPs 10 РjPi PSP° РrPsP±Сr. Р"PsP·Р° РjPsP¶Pµ Р±СrС,Рё Сr
PіPsPrР°Р»СНCЄPsPjСr Р·Р±С-Р»СНCЄРµPSP° РrPs РjР°РeСГРёРjР°Р»СНPSPsC— вґ" 20 РjPi
PSP° РrPsP±Сr вґ" Р·Р°Р»РµP¶PSPs PIC-Рr C-PSPrРёPIC-РrСrР°Р»СНPSPsC—
С±СrС,Р»РёPіPsСГC,С- PіР°С†С-С"РSC,Р°.

РґР°РeСГРёРjР°Р»СНPSPёPNё РµC,,РµРeC, PіCґPё Р»C-РeСrPіP°PSPSC- PіР°PSC-С±PSPёC...
CґPsP·Р»Р°РrC-PI РrPsСГCґPіP°C"С,СНCГCґCґ С±РµCґPµP· 3 РjC-СГCґC†C-. РґPµCґPjC-PS
Р»C-РeСrPіP°PSPSCґ СГC,Р°PSPsPіPёC,СН РrРµРeC-Р»СНРeР° РjC-СГCґC†C-PI C-
Р·Р°Р»РµP¶PёC,СН PIC-Рr C,СґP¶PёPsСГC,С- Р·Р°C...PіPsCґCґPіP°PSPSCґ.

РґPsC†C-Р°Р»СНPSC- C,CґPёPіPsP¶PSC- CґPsP·Р»Р°РrРё (СГPsC†C-Р°Р»СНPSP°
C,,PsP±C-Сґ).

Р—Р°Р·PіPёC±Р°PNё СГР»C-Рr PіCґPёP·PSP°С±Р°C,Рё 10 РjPi 1 CґР°Р· PSP° РrPsP±Сr.
РµPsР»РµPіCЄРµPSPSCґ СГРёРjРіC,PsPjC-PI, СґPё PіCґР°PіPёР»Ps,
PIC-РrР±СrPіP°C"С,СНCГCґCґ С±РµCґPµP· 2-4 C,РёP¶PSC- Р»C-РeСrPіP°PSPSCґ.
Р—Р°Р»РµP¶PSPs PIC-Рr C-PSPrРёPIC-РrСrР°Р»СНPSPsC— CґPµР°РeС†C-С—
PіР°С†С-С"РSC,Р° РrPsP·Сr Сr PіPsPrР°Р»СНCЄPsPjСr РjPsP¶PSP° Р·РjРµPSCЄРёC,Рё РrPs 5
РjPi/РrPsP±Сr Р°Р±Ps PіC-РrPіPёC%РёC,Рё РrPs РjР°РeСГРёРjР°Р»СНPSPsC— вґ" 20
РjPi/РrPsP±Сr.

РґСГРeC-Р»СНРeРё СГPsC†C-Р°Р»СНPSPёPNё C,CґPёPіPsP¶PSPёPNё CґPsP·Р»Р°РrС" Р·Р°C...PіPsCґCґPіP°PSPSCґРj C...CґPsPSC-С±PSPsPіPs PіPµCґPµP±C-PіСr,
CґPµРePsPjРµPSPrСrС"С,СНCГCґCґ PіCґPsPrPsPіP¶PёC,Рё Р»C-РeСrPіP°PSPSCґ
PіCґPsC,СґPіPsPj 12 C,РёP¶PSC-PI РrР»Cґ Р·Р°РeCґC-PіР»РµPSPSCґ
РrPsСГCґPіPіPSCrC,PsPіPs РµC,,РµРeC,Сr.

Р"PsPіPsC,CґPёPіP°Р»Рµ Р»C-РeСrPіP°PSPSCґ PіCґPsC,СґPіPsPj 6 РjC-СГCґC†C-PI
PіCґPёP·PSP°С±Р°C,Рё Р· РjРµC,PsCґ Р·Р°PіPsP±C-PіР°PSPSCґ CґPµC†PёPрёPіCГ,
PіCґР°C...PsPICrCґC±Рё C-PSPrРёPIC-РrСrР°Р»СНPSC- PіCґPsCґPіPё
Р·Р°C...PіPsCґCґPіP°PSPSCґ; CґPµPіCГР»CґCґPSPs PsC†C-PSCґCґC,СН
РµC,,РµРeC,РёPіPSC-СГC,СН Р»C-РeСrPіP°PSPSCґ.

РґPsC†C-Р°Р»СНPSPёPNё C,CґPёPіPsP¶PSPёPNё CґPsP·Р»Р°Рr вґ" С†Рµ С±C-С,РePs
PіPёP·PSP°С±РµPSPёPNё РrC-Р°PіPSPsСГC,РёC±PSPёPNё C,РµCґPjC-PS РrР»Cґ
PіPsP·PSP°С±РµPSPSCґ СГPіPµC†PёC,,C-С±PSPsPіPs CґPsP·Р»Р°РrСr, СґPёPNё PSPµ
СГР»C-Рr PіР»СrС,Р°C,Рё Р· PSP°РrРjC-СґPSPsCґ СГPsCґPsPjвґ" СґP·Р»PіC-СГC,Сґ.
РґPµPрPёРeР°РjРµPSC,PsP·PSP° C,РµCґР°PіC-Сґ PіPsРeР°Р·Р°PSP° Р»PёCЄРµ Pі C,PsPjСr
CґР°Р·-, СґPёC%Ps CґPsP·Р»Р°Рr Р·PSP°С±PSPs Р·Р°PіP°P¶P°C" PіCґPsC,,РµCГC-PNёPSC-PNё
РrC-СґP»СНPSPsСГC,С- C,Р° СГPsC†C-Р°Р»СНPSC-PNё Р°РeC,РёPіPSPsСГC,С-.

P—PSP°C†PμPSPSCЦ C,P°PePsPiPs P»C—PeCfPIP°PSPSCЦ PīPsCḡC—PIPSCЦPSPs P·
PePsPiPSC—C,PēPIPSPs—PīPsPIPμPrC—PSPePsPiPsCḡ C,PμCḡP°PīC—C"ḡ PSPμ
PsC†C—PSCḡPIP°P»PsCfCЦ. PḡPμPrPēPeP°PjPμPSC,PsP·PSP° C,PμCḡP°PīC—CЦ C" PsPrPSC—C"ḡ
P·C— CfPeP»P°PrPsPIPēC... P·P°PīP°P»CHbPSPsC— CfC,CḡP°C,PμPiC—C— P»C—PeCfPIP°PSPSCЦ
PīP°C†C—C"PSC,P°.

P" PμPSPμCḡP°P»C—P·PsPIP°PSC— C,CḡPēPIPSP¶PSC— CḡPsP·P»P°PrPē.

P—P°P·PIPēC†P°PNḡ CfP»C—Pr PīCḡPēP·PSP°C†P°C,Pē 10 PjPi 1 CḡP°P· PSP° PrPsP±Cf.
P—P°P»PμP¶PSPs PIC—Pr C—PSPrPēPIC—PrCfP°P»CHbPSPsC— C†CfC,P»PēIPsCfC,C— PrPsP·Cf
PjPsP¶PSP° P·P±C—P»CHbCēPēC,Pē PjP°PeCfPēPjCfPj PrPs 20 PjPi PSP° PrPsP±Cf.

P"PsPIPiPsC,CḡPēPIP°P»Pμ P»C—PeCfPIP°PSPSCЦ PīCḡPsC,CЦPiPsPj 6 PjC—CfCЦC†C—PI
PīCḡPēP·PSP°C†P°C,Pē P· PjPμC,PsCḡ P·P°PīPsP±C—PīP°PSPSCЦ CḡPμC†PēPrPēPICf,
PICḡP°C...PsPICfCḡC†Pē C—PSPrPēPIC—PrCfP°P»CHbPSC— PīCḡPsCЦPIPē
P·P°C...PIPSCḡCḡPIP°PSPSCЦ; CḡPμPiCfP»CЦCḡPSPs PsC†C—PSCḡCḡC,CH
PμC,,PμPeC,PēPIPSC—CfC,CH P»C—PeCfPIP°PSPSCЦ.

PḡP±CfPμCfPēPIPSPs—PePsPjPīCḡP»CHbCfPēPIPSC— CḡPsP·P»P°PrPē (PḡPḡP).

P—P°P·PIPēC†P°PNḡ CfP»C—Pr PīCḡPēP·PSP°C†P°C,Pē 10 PjPi 1 CḡP°P· PSP° PrPsP±Cf.
P—P°P»PμP¶PSPs PIC—Pr C—PSPrPēPIC—PrCfP°P»CHbPSPsC— C†CfC,P»PēIPsCfC,C— PrPsP·Cf
PjPsP¶PSP° P·P±C—P»CHbCēPēC,Pē PrPs 20 PjPi PSP° PrPsP±Cf. PḡPḡP вḡ " C...CḡPsPSC—C†PSPμ
P·P°C...PIPSCḡCḡPIP°PSPSCЦ, P»C—PeCfPIP°PSPSCЦ PjP°C" C,CḡPēPIP°C,Pē
PrPsCfC,P°C,PSC—PNḡ PīPμCḡC—PsPr PrP»CЦ P·P°P±PμP·PīPμC†PμPSPSCЦ PīPsPIPSPsPiPs
P·PSPēPePSPμPSPSCЦ CfPēPjPīC,PsPjC—PI, C%Ps PjPsP¶Pμ CfC,P°PSPsPIPēC,Pē PeC—P»CHbPeP°
PjC—CfCЦC†C—PI P°P±Ps PSP°PIC—C,CH P±C—P»CHbCēPμ. PḡPsCḡPēCfC,CH
P»C—PeCfPIP°PSPSCЦ C,P° PrPsP·Cf P»C—PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf
PSPμPsP±C...C—PrPSPs PsC†C—PSCḡPIP°C,Pē C†PμCḡPμP· CḡPμPiCfP»CЦCḡPSC—
PīCḡPsPjC—P¶PePē C†P°CfCf.

PμP°C†C—C"PSC,Pē P»C—C,PSCHbPsPiPs PIC—PeCḡ (PIC—PePsPj PIC—Pr 65 CḡPsPeC—PI).

PμPsC†P°C,PePsPIP° PrPsP·P° CfC,P°PSPsPIPēC,CH 5 PjPi PSP° PrPsP±Cf. P—P°P»PμP¶PSPs
PIC—Pr C—PSPrPēPIC—PrCfP°P»CHbPSPsC— CḡPμP°PeC†C—C— PīP°C†C—C"PSC,P° PrPsP±PsPICf
PrPsP·Cf PjPsP¶PSP° P·P±C—P»CHbCēPēC,Pē PrPs 10 PjPi PSP° PrPsP±Cf.

P·C,,PμPeC,PēPIPSC—CfC,CH PμCfC†PēC,P°P»PsPīCḡP°PjCf PīCḡPē CfPsC†C—P°P»CHbPSPsPjCf
C,CḡPēIPsP¶PSPsPjCf CḡPsP·P»P°PrC— Cf PīP°C†C—C"PSC,C—PI P»C—C,PSCHbPsPiPs PIC—PeCf
PSPμ PsC†C—PSCḡPIP°P»Pē.

PμPμPrC—P°C,CḡPēC†PSP° PīPsPīCḡP»CЦC†C—CЦ.

P·CfC†PēC,P°P»PsPīCḡP°Pj PSPμ CfP»C—Pr P·P°CfC,PsCfPsPICfPIP°C,Pē PrP»CЦ
P»C—PeCfPIP°PSPSCЦ PrC—C,PμPNḡ C,P° PīC—PrP»C—C,PeC—PI PIC—PePsPj PrPs 18 CḡPsPeC—PI.

PḡPēCḡPePsPIP° PSPμPrPsCfC,P°C,PSC—CfC,CH.

Pj CḡP°P·C— PSP°CЦPIIPSPsCfC,C— PSPēCḡPePsPiPsC— PSPμPrPsCfC,P°C,PSPsCfC,C—
P»PμPiPePsPiPs C,P° PīPsPjC—CḡPSPsPiPs CfC,CfPīPμPSCЦ PSPμPsP±C...C—PrPSPsCfC,C— Cf
PePsCḡPēPīCfPIP°PSPSC— PrPsP·Pē PSPμPjP°C". P— PsP±PμCḡPμP¶PSC—CfC,Cḡ
PSPμPsP±C...C—PrPSPs P·P°CfC,PsCfPsPICfPIP°C,Pē P»C—PeP°CḡCfCHbPePēPNḡ P·P°CfC—P±
PīP°C†C—C"PSC,P°Pj C—P· C,CЦP¶PePsCḡ PSPēCḡPePsPiPsCḡ PSPμPrPsCfC,P°C,PSC—CfC,Cḡ

(PeP»C-CTjPμPSCÍ PeCTjPμP°C,PëPSC-PSCÍ < 30 PjP»/C...PI).

P—PSPëP¶PμPSPSCÍ C„C¿PSPeC†C-C— PiPμC‡C-PSPePë.

PμP°C†C-C”PSC,P°Pj C-P· PiPsPjC-CTjPSPsCTH C,P° CÍP»P°P±PePsCTH PiPμC‡C-PSPePsPIPsCTH PSPμPrPsCÍC,P°C,PSC-CÍC,CTH CTjPμPePsPjPμPSPPrPsPIP°PSP° PiPsC‡P°C,PePsPIP° PrPsP·P° PiCTjPsC,CÍPiPsPj PiPμCTjC€PëC... PrPIPsC... C,PëP¶PSC-PI P»C-PeCÍPIP°PSPSCÍ CÍC,P°PSPsPIPëC,CH 5 PjPi PSP° PrPsP±CÍ. P—P°P»PμP¶PSPs PIC-Pr C-PSPrPëPIC-PrCÍP°P»CHPSPsC— CTjPμP°PeC†C-C— PiP°C†C-C”PSC,P° PrPsP·CÍ PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs 10 PjPi PSP° PrPsP±CÍ. PμCTjPë C,CÍP¶PeC-PNë PiPμC‡C-PSPePsPIC-PNë PSPμPrPsCÍC,P°C,PSPsCÍC,C- PSPμPsP±C...C-PrPSC-PsP±PμCTjPμP¶PSC-CÍC,CH CÍ PiCTjPëP·PSP°C‡PμPSPSC- C- CTjPμC,PμP»CHPSPμ C,PëC,CTjCÍPIP°PSPSCÍ PrPsP·Pë.

P—PSPëP¶PμPSP° P°PeC,PëPIPSC-CÍC,CH C-P·PsC„PμCTjPjPμPSC,C¿ CYP2C19.

P”P»CÍ PiP°C†C-C”PSC,C-PI P·C- CÍP»P°P±PePsCTH P°PeC,PëPIPSC-CÍC,CTH C-P·PsC„PμCTjPjPμPSC,CÍ CYP2C19 CTjPμPePsPjPμPSPPrPsPIP°PSP° PiPsC‡P°C,PePsPIP° PrPsP·P° PiCTjPsC,CÍPiPsPj PiPμCTjC€PëC... PrPIPsC... C,PëP¶PSC-PI P»C-PeCÍPIP°PSPSCÍ CÍC,P°PSPsPIPëC,CH 5 PjPi PSP° PrPsP±CÍ. P—P°P»PμP¶PSPs PIC-Pr C-PSPrPëPIC-PrCÍP°P»CHPSPsC— CTjPμP°PeC†C-C— PiP°C†C-C”PSC,P° PrPsP·CÍ PjPsP¶PSP° P·P±C-P»CHC€PëC,Pë PrPs 10 PjPi PSP° PrPsP±CÍ.

PŸPëPjPiC,PsPjPë PIC-PrPjC-PSPë, CÍPeC- P·eH™ CÍPIP»CÍCTH C,CHCÍCÍ PiCTjPë PiCTjPëPiPëPSPμPSPSC- P»C-PeC¿PIP°PSPSCÍ.

PŸP»C-Pr CÍPSPëPeP°C,Pë CTjC-P·PePsPiPs PiCTjPëPiPëPSPμPSPSCÍ P»C-PeCÍPIP°PSPSCÍ. PμCTjPë PiCTjPëPiPëPSPμPSPSC- P»C-PeCÍPIP°PSPSCÍ P»C-PeP°CTjCÍCHPePëPj P·P°CÍPsP±PsPj P·CÍC†PëC,P°Pj^{B®} P¿CÍC-PSPs PrPsP·CÍ CÍP»C-Pr P·PSPëP¶CÍPIP°C,Pë PiPsCÍC,CÍPiPsPIPs PiCTjPsC,CÍPiPsPj 1BŸ“2 C,PëP¶PSC-PI, C‰PsP± CÍPSPëPePSCÍC,Pë PjPsP¶P»PëPIPëC... CÍPëPjPiC,PsPjC-PI PIC-PrPjC-PSPë (PrPëPI. CTjPsP·PrC-P»Pë B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB» C,P° B«PμPsP±C-C‡PSC-CTjPμP°PeC†C-C—B»). PiPeC‰Ps PiC-Pr C‡P°CÍ PiPsCÍC,CÍPiPsPIPsPiPs P·PjPμPSC€PμPSPSCÍ PrPsP·Pë PiPëPSPëPeP°CTH,CH CÍPëPjPiC,PsPjPë PIC-PrPjC-PSPë, PjPsP¶PSP° PIC-PrPSPsPIPëC,Pë PiCTjPëPNëPsPj CÍ PiPsPiPμCTjPμPrPSC-PNë PiCTjPëP·PSP°C‡PμPSC-PNë PrPsP·C-. Pj PiPsPrP°P»CHC€PsPjCÍ P»C-PeP°CTj PjPsP¶Pμ PiCTjPsPrPsPIP¶PëC,Pë P·PjPμPSC€CÍPIP°C,Pë PrPsP·CÍ, P°P»Pμ P±C-P»CHC€ PiPsCÍC,CÍPiPsPIPs.

P”C-C,Pë.

P¿PSC,PëPrPμPiCTjPμCÍP°PSC,Pë PSPμ CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë PrP»CÍ P»C-PeCÍPIP°PSPSCÍ PrC-C,PμPNë C,P° PiC-PrP»C-C,PeC-PI (PIC-PePsPj PrPs 18 CTjPsPeC-PI). PŸCÍC—C†PëPrP°P»CHPSP° PiPsPIPμPrC-PSPeP° (CÍCÍC—C†PëPrP°P»CHPSC- CÍPiCTjPsP±Pë C,P° CÍCÍC—C†PëPrP°P»CHPSC- PrCÍPjPePë) C- PIPsCTjPsP¶C-CÍC,CH (PiPμCTjPμPIP°P¶PSPs P°PiCTjPμCÍC-CÍ, PsPiPsP·PëC†C-PNëPSP° PiPsPIPμPrC-PSPeP° C,P° PiPSC-PI) C‡P°CÍC,C-C€Pμ CÍPiPsCÍC,PμCTjC-PiP°C”C,CHCÍCÍ PI C...PsPrC- PeP»C-PSC-C‡PSPëC... PiPëPiCTjPsP±CÍPIP°PSCH CÍ PrC-C,PμPNë C,P° PiC-PrP»C-C,PeC-PI, CÍPeC- PiCTjPëPNëPjP°CTH,CH P°PSC,PëPrPμPiCTjPμCÍP°PSC,Pë, PiPsCTjC-PIPSCÍPSPs P· C,PëPjPë, CÍPeC- PiCTjPëPNëPjP°CTH,CH PiP»P°C†PμP±Ps. PiPeC‰Ps P· PeP»C-PSC-C‡PSPëC... PjC-CTjPeCÍPIP°PSCH CTjC-C€PμPSPSCÍ PiCTjPs PiCTjPëP·PSP°C‡PμPSPSCÍ

P°PSC, PëPrPµPīCḡPµCÍP°PSC, C-PI PICÍPµ-C, P°PePë PīCḡPëPNḡPSCḶC, Ps, PīPsC, CḡC-P±PSPs
P·P°P±PµP·PīPµC±PëC, Pë CḡPµC, PµP»CHḡPSPµ CÍPīPsCÍC, PµCḡPµP¶PµPSPSCḶ C%PsPrPs
PīPsCḶPIPë CÍCÍC—C†PëPrP°P»CHḡPSPëC... PSP°CÍC, CḡPsC—PI CÍ PīP°C†C-C''PSC, P° .B

PµPµCḡPµPrPsP·CáPIP°PSPSCḶ.

PŷPsPeCÍPëC±PSC-CÍC, CH. P''P°PSC- PīCḡPs PīPµCḡPµPrPsP·CÍPIP°PSPSCḶ
PµCÍC†PëC, P°P»PsPīCḡP°PjCÍ PsP±PjPµP¶PµPSC-. P'C-P»CHḡCëC-CÍC, CH PIPëPīP°PrPeC-PI
CÍPīCḡPëC±PëPSPµPSP° PsPrPSPsC±P°CÍPSPëPj PīPµCḡPµPrPsP·CÍPIP°PSPSCḶPj C-PSCëPëPjPë
P»C-PeP°CḡCÍCHḡPePëPjPë P·P°CÍPsP±P°PjPë. P' PsCÍPSPsPIPSPsPjCÍ
CÍPīPsCÍC, PµCḡC-PiP°P»PëCÍCḶ P»PµPiPeC- CÍPëPjPīC, PsPjPë P°P±Ps
P±PµP·CÍPëPjPīC, PsPjPSC-CÍC, CH PīPµCḡPµPrPsP·CÍPIP°PSPSCḶ. PµPsPIC-PrPsPjP»PµPSPSCḶ
PīCḡPs P»PµC, P°P»CHḡPSC- PSP°CÍP»C-PrPePë PīPµCḡPµPrPsP·CÍPIP°PSPSCḶ
PµCÍC†PëC, P°P»PsPīCḡP°PjCÍ C'' PIPëPSCḶC, PePsPIPëPjPë, P±C-P»CHḡCëC-CÍC, CH P·PSPëC...
PIPeP»CHḡC±P°C'' PsPrPSPsC±P°CÍPSPµ PīPµCḡPµPrPsP·CÍPIP°PSPSCḶB C-PSCëPëPjPë
P»C-PeP°CḡCÍCHḡPePëPjPë P·P°CÍPsP±P°PjPë. PµCḡPëPNḡPsPj PrPsP· CÍ PjPµP¶P°C... 400-800
PjPi PµCÍC†PëC, P°P»PsPīCḡP°PjCÍ PSPµ CÍPīCḡPëC±PëPSCḶPI P±CÍPrCHḡ-CḶPePëC...
C, CḶP¶PePëC... CÍPëPjPīC, PsPjC-PI.

PŷPëPjPīC, PsPjPë. PµPµCḡPµPrPsP·CÍPIP°PSPSCḶ PµCÍC†PëC, P°P»PsPīCḡP°PjCÍ
PīCḡPsCḶPIP»CḶC''C, CHḡCÍCḶ PīPsP»PsPIPSPëPj C±PëPSPsPj CÍPëPjPīC, PsPjP°PjPë P·P±PsPeCÍ
C†PµPSC, CḡP°P»CHḡPSPsC— PSPµCḡPIPsPIPsC— CÍPëCÍC, PµPjPë (PIC-Pr
P·P°PīP°PjPsCḡPsC±PµPSPSCḶ, C, CḡPµPjPsCḡCÍ C, P° P°P¶PëC, P°C†C-C— PrPs
CḡC-PrPeC-CÍPSPëC... PIPëPīP°PrPeC-PI CÍPµCḡPsC, PsPSC-PSPsPIPsPīPs CÍPëPSPrCḡPsPjCÍ,
CÍCÍPrPsPj C- PePsPjPë), CëP»CÍPSPePsPIPs-PePëCëPePsPIPsC— CÍPëCÍC, PµPjPë
(PSCÍPrPsC, P°/P±P»CHḡPIP°PSPSCḶ), CÍPµCḡC†PµPIPs-CÍCÍPrPëPSPSPsC— CÍPëCÍC, PµPjPë
(P°CḡC, PµCḡC-P°P»CHḡPSP° PiC-PīPsC, PµPSP·C-CḶ, C, P°C...C-PeP°CḡPrC-CḶ,
PīPsPrPsPIP¶PµPSPSCḶ C-PSC, PµCḡPIP°P»CÍ QT, P°CḡPëC, PjC-CḶ) C, P°
PīPsCḡCÍCëPµPSPSCḶPj PµP»PµPeC, CḡPsP»C-C, PSPsPīPs P±P°P»P°PSCÍCÍ
(PiC-PīPsPeP°P»C-C''PjC-CḶ, PiC-PīPsPSP°C, CḡC-C''PjC-CḶ).

P>C-PeCáPIP°PSPSCḶ. PŷPīPµC†PëC,, C-C±PSPsPīPs P°PSC, PëPrPsC, CÍ PSPµ C-CÍPSCÍC''.
PŷP»C-Pr PiC-PrC, CḡPëPjCÍPIP°C, Pë PSP°P»PµP¶PSPµ C,, CÍPSPeC†C-PsPSCÍPIP°PSPSCḶ
PrPëC...P°P»CHḡPSPsC— CÍPëCÍC, PµPjPë, P·P°P±PµP·PīPµC±PëC, Pë P°PrPµPePIP°C, PSCÍ
PsPeCÍPëPīPµPSP°C†C-CH. PḡPsP¶P»PëPIPµ P·P°CÍC, PsCÍCÍPIP°PSPSCḶ
PīP°CÍC, CḡP°P»CHḡPSPsPīPs P»P°PIP°P¶CÍ C, P° P°PeC, PëPIPsPIP°PSPsPīPs PICÍPiC-P»P»CḶ.
P PµPePsPjPµPSPrCÍC''C, CHḡCÍCḶ PjPsPSC-C, PsCḡPëPSPi CÍPµCḡC†PµPIPëC... C, P°
P¶PëC, C, C''PIPs PIP°P¶P»PëPIPëC... C,, CÍPSPeC†C-PNḡ CḡP°P·PsPj C-P·
CÍPëPjPīC, PsPjP°C, PëC±PSPëPj PīC-PrC, CḡPëPjCÍCHḡC±PëPj P»C-PeCÍPIP°PSPSCḶPj.

Pj CḡP°P·C- PīPµCḡPµPrPsP·CÍPIP°PSPSCḶ CḡPµPePsPjPµPSPrCÍC''C, CHḡCÍCḶ P·PḡP''-
PjPsPSC-C, PsCḡPëPSPi CÍ PīP°C†C-C''PSC, C-PI C-P· P·P°CÍC, C-PNḡPSPsCH CÍPµCḡC†PµPIPsCH
PSPµPrPsCÍC, P°C, PSC-CÍC, CH/P±CḡP°PrPëP°CḡPëC, PjC-C''CH, CÍ PīP°C†C-C''PSC, C-PI,
CḶPeC- PsPrPSPsC±P°CÍPSPs PīCḡPëPNḡPjP°CHḡ, CH P»C-PeP°CḡCÍCHḡPeC- P·P°CÍPsP±Pë,
CḶPeC- PīPsPrPsPIP¶CÍCHḡ, CH C-PSC, PµCḡPIP°P» QT, P°P±Ps CÍ PīP°C†C-C''PSC, C-PI C-P·
PīPsCḡCÍCëPµPSPSCḶPj PjPµC, P°P±PsP»C-P·PjCÍ, PSP°PīCḡPëPeP»P°Pr, PīCḡPë
PīPµC±C-PSPePsPIC-PNḡ PSPµPrPsCÍC, P°C, PSPsCÍC, C-.

PμPsP±C-C±PSC- CḡPμP°PeC†C-C—.

PμPsP±C-C±PSC- CḡPμP°PeC†C-C— PSp°PNεC±P°C†C,C-CεPμ
C†PμPsC†C,PμCḡC-PiP°CḡC,CHC†CḡC PμCḡPsC,CḡPμPsPj PμPμCḡCεPsPiPs P°P±Ps
PrCḡC†PμPsPiPs C,PεPḡPSCḡ P»C-PeC†PIP°PSPSCḡ, C,P° P·P°P·PIPεC±P°PNε C—C...
C±P°C†C,PsC,P° C,P° C-PSC,PμPSC†PεPIPSC-C†C,CH PiPsC†C,C†PμPsPIPs
P·PjPμPSCεC†CḡC,CHC†CḡC PμCḡPε PiPsPrP°P»CHCεPsPjC† P»C-PeC†PIP°PSPSC-.

PμPsP±C-C±PSC- CḡPμP°PeC†C-C—, C...P°CḡP°PeC,PμCḡPSC- PrP»Cḡ PIC†C-C...
P»C-PeP°CḡC†CHPePεC... P·P°C†PsP±C-PI PeP»P°C†C† PŸP†P—P—PŸ C,P°
PμC†C†PεC,P°P»PsPμCḡP°PjC†, CḡPeC- C†PμPsC†C,PμCḡC-PiP°P»PεC†CH C†
PμP»P°C†PμP±Ps-PePsPSC,CḡPsP»CHPsPIP°PSPεC... PrPsC†P»C-PrPḡPμPSPSCḡC... C,P°
PμCḡPε PjPμPrPεC±PSPsPjC† P·P°C†C,PsC†C†PIP°PSPSC-, P·P°P·PSP°C±PμPSC- P·P°
C†PεC†C,PμPjP°PjPε PsCḡPiP°PSC-PI C- C±P°C†C,PsC,PsCḡ: PrC†PḡPμ C±P°C†C,C- (≥
1/10), C±P°C†C,C- (≥ 1/100 PrPs < 1/10), PSPμC±P°C†C,C- (≥ 1/1000 PrPs < 1/100),
CḡC-PrPeC-C†PSC- (≥ 1/10000 PrPs < 1/1000), PrC†PḡPμ CḡC-PrPeC-C†PSC- (<
1/10000) P°P±Ps C±P°C†C,PsC,P° PSPμPIC-PrPsPjP° (PSPμPjPsPḡP»PεPIPs
PIC†C,P°PSPsPIPεC,Pε P·P° PSP°CḡPIPSPεPjPε PrP°PSPεPjPε).

P— P±PsPeCε PeCḡPsPIPsPSPsC†PSPsC— C,P° P»C-PjC„P°C,PεC±PSPsC— C†PεC†C,PμPjPε:
C±P°C†C,PsC,P° PSPμPIC-PrPsPjP° Bḡ“ C,CḡPsPjP±PsC†PεC,PsPiPμPSC-Cḡ.

P— P±PsPeCε C-PjCεPSPSPsC— C†PεC†C,PμPjPε: CḡC-PrPeC-C†PSC- Bḡ“
P°PSP°C„C-P»P°PeC,PεC±PSC- CḡPμP°PeC†C-C—.

P— P±PsPeCε PμPSPPrPsPeCḡPεPSPSPsC— C†PεC†C,PμPjPε: C±P°C†C,PsC,P° PSPμPIC-PrPsPjP°
Bḡ“ PiPsCḡC†CεPμPSPSCḡ C†PμPeCḡPμC†C-C— P°PSC,PεPrC-C†CḡPμC,PεC±PSPsPiPs
PiPsCḡPjPsPSC†, PiC-PiPμCḡPiCḡPsP»P°PeC,PεPSPμPjC-Cḡ.

P— P±PsPeCε PjPμC,P°P±PsP»C-P·PjCε C,P° PsP±PjC-PSCε CḡPμC±PsPIPεPS: C±P°C†C,C- Bḡ“
P·PSPεPḡPμPSPSCḡ P°P±Ps PiPsC†PεP»PμPSPSCḡ P°PiPμC,PεC,C†, P·P±C-P»CHCεPμPSPSCḡ
PjP°C†Pε C,C-P»P°; PSPμC±P°C†C,C- Bḡ“ P·PjPμPSCεPμPSPSCḡ PjP°C†Pε C,C-P»P°;
C±P°C†C,PsC,P° PSPμPIC-PrPsPjP° Bḡ“ PiC-PiPsPSP°C,CḡC-C”PjC-Cḡ, P°PSPsCḡPμPeC†C-Cḡ².

P— P±PsPeCε PiC†PεC...C-PePε: C±P°C†C,C- Bḡ“ C,CḡPεPIPsPḡPSC-C†C,CH,
PSPμC†PμPsPeC-PNε, P°PSPsPjP°P»CHPSC- C†PSPε, P·PSPεPḡPμPSPSCḡ P»C-P±C-PrPs C†
C±PsP»PsPIC-PeC-PI C- PḡC-PSPsPe, P°PSPsCḡPiP°P·PjC-Cḡ C† PḡC-PSPsPe; PSPμC±P°C†C,C-
Bḡ“ C†PeCḡPμPiPsC,C-PSPSCḡ P·C†P±P°PjPε, P·P±C†PrPḡPμPSPSCḡ,
PSPμCḡPIPsP·PSC-C†C,CH, PiP°PSC-C±PSC- PSP°PiP°PrPε, C†PμP»C†C,P°PSC-C†C,CH
C†PIC-PrPsPjPsC†C,C-; CḡC-PrPeC-C†PSC- Bḡ“ P°PiCḡPμC†C-Cḡ,
PrPμPiPμCḡC†PsPSP°P»C-P·P°C†C-Cḡ, PiP°P»CḡC†PεPSP°C†C-C—; C±P°C†C,PsC,P°
PSPμPIC-PrPsPjP° Bḡ“ PjP°PSC-Cḡ, C†C†C—C†PεPrP°P»CHPSC- PrC†PjPePε,
C†C†C—C†PεPrP°P»CHPSP° PiPsPIPμPrC-PSPeP°¹.

P— P±PsPeCε PSPμCḡPIPsPIPsC— C†PεC†C,PμPjPε: PrC†PḡPμ C±P°C†C,C- Bḡ“
PiPsP»PsPIPSPεPNε P±C-P»CH; C±P°C†C,C- Bḡ“ P±PμP·C†PsPSPSCḡ, C†PsPSP»PεPIC-C†C,CH,
P·P°PiP°PjPsCḡPsC±PμPSPSCḡ, PiP°CḡPμC†C,PμP·C-Cḡ, C,CḡPμPjPsCḡ; PSPμC±P°C†C,C- Bḡ“
PiPsCḡC†CεPμPSPSCḡ C†PjP°PeC†, PiPsCḡC†CεPμPSPSCḡ C†PSC†,
PSPμPiCḡPεC,PsPjPSC-C†C,CH; CḡC-PrPeC-C†PSC- Bḡ“ C†PμCḡPsC,PsPSC-PSPsPIPεPNε
C†PεPSPPrCḡPsPj; C±P°C†C,PsC,P° PSPμPIC-PrPsPjP° Bḡ“ PrPεC†PeC-PSPμP·C-Cḡ,
CḡC†C...PsPIC- CḡPsP·P»P°PrPε, C†C†PrPsPjPε, PiC†PεC...PsPjPsC,PsCḡPSPεPNε

$PSP_{\mu}C\acute{I}P\ddot{I}PsPeC-PN_{\circ}/P^{\circ}PeP^{\circ}C,PeP\cdot C-C\ddot{I}\ddot{I}^2$.

$P-P\pm PsPeC\acute{z}PsC\ddot{H}PiP^{\circ}PSC-PI\ P\cdot PsC\ddot{H}C\acute{z}$: $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C\ddot{H}PsP\cdot C\epsilon P\ddot{e}C\ddot{H}P_{\mu}PSPSC\ddot{I}\ddot{I}$
 $P\cdot C-PSP\ddot{e}C\ddot{I}C-$, $P\cdot P^{\circ}C,C\acute{I}PjP^{\circ}PSP_{\mu}PSPSC\ddot{I}\ddot{I}$ $P\cdot PsC\ddot{H}C\acute{I}$.

$P-P\pm PsPeC\acute{z}PsC\ddot{H}PiP^{\circ}PSC-PI\ C\acute{I}P\gg C\acute{z}C...C\acute{z}$: $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PrP\cdot PIC-PS\ C\acute{I}PIC\acute{I}C...P^{\circ}C...$

$P-P\pm PsPeC\acute{z}C\acute{I}P_{\mu}C\ddot{H}C\ddot{I}C\ddot{I}$: $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C,P^{\circ}C...C-PeP^{\circ}C\ddot{H}PrC-C\ddot{I}\ddot{I}$; $C\ddot{H}C-PrPeC-C\acute{I}PSC-$
бҗ“ $P\pm C\ddot{H}P^{\circ}PrP\ddot{e}PeP^{\circ}C\ddot{H}PrC-C\ddot{I}\ddot{I}$; $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“ $P\ddot{I}PsPrPsPIP\ddot{I}P_{\mu}PSPSC\ddot{I}\ddot{I}$
 $C-PSC,P_{\mu}C\ddot{H}PIP^{\circ}P\gg C\acute{I}QT\ PSP^{\circ}P_{\mu}P\gg P_{\mu}PeC,C\ddot{H}PsPeP^{\circ}C\ddot{H}PrC-PsPiC\ddot{H}P^{\circ}PjC-$,
 $C\epsilon P\gg C\acute{I}PSPsC\ddot{I}PePsPIP^{\circ}P^{\circ}C\ddot{H}P\ddot{e}C,PjC-C\ddot{I}\ddot{I}$, $PIPeP\gg C\ddot{H}C\ddot{I}P^{\circ}C\ddot{H}C\ddot{I}P\ddot{e} torsade\ de\ pointes$.

$P-P\pm PsPeC\acute{z}C\acute{I}C\acute{z}PrP\ddot{e}PSPSPsC-C\acute{I}P\ddot{e}C\acute{I}C,P_{\mu}PjP\ddot{e}$: $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“
 $PsC\ddot{H}C,PsC\acute{I}C,P^{\circ}C,P\ddot{e}C\ddot{I}PSP^{\circ}PiC-P\ddot{I}PsC,P_{\mu}PSP\cdot C-C\ddot{I}\ddot{I}$.

$P\ P_{\mu}C\acute{I}P\ddot{I}C-C\ddot{H}P^{\circ}C,PsC\ddot{H}PSC-C\ddot{H}PsP\cdot P\gg P^{\circ}PrP\ddot{e}$: $C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C\acute{I}P\ddot{e}PSC\acute{I}C\acute{I}P\ddot{e}C,P\ddot{e}$,
 $P\ddot{I}PsP\cdot C-C...P^{\circ}PSPSC\ddot{I}\ddot{I}$; $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PSPsC\acute{I}PsPIP^{\circ}PeC\ddot{H}PsPIPSC,P_{\mu}C\ddot{I}P^{\circ}$.

$P-P\pm PsPeC\acute{z}C\epsilon P\gg C\acute{z}PSPePsPIPs-PeP\ddot{e}C\epsilon PePsPIPsPiPs\ C,C\ddot{H}P^{\circ}PeC,C\acute{z}$: $PrC\acute{I}P\ddot{I}P_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“
 $PSC\acute{I}PrPsC,P^{\circ}$; $C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PrC-P^{\circ}C\ddot{H}P_{\mu}C\ddot{I}\ddot{I}$, $P\cdot P^{\circ}P\ddot{I}PsC\ddot{H}$, $P\pm P\gg C\ddot{H}PIP^{\circ}PSPSC\ddot{I}\ddot{I}$,
 $C\acute{I}C\acute{I}C...C-C\acute{I}C,C\ddot{H}\ C\acute{I}C\ddot{H}PsC,C-$; $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C\epsilon P\gg C\acute{I}PSPePsPIPs-PeP\ddot{e}C\epsilon PePsPIC-$
 $PeC\ddot{H}PsPIPSC,P_{\mu}C\ddot{I}C-$ ($C\acute{I}C, C\ddot{I}C\ddot{H}P_{\mu}PeC,P^{\circ}P\gg C\ddot{H}PSC-$).

$P-P\pm PsPeC\acute{z}PiP_{\mu}C\ddot{I}C-PSPeP\ddot{e}\ C,P^{\circ}P\ddot{I}PsPIC\ddot{I}PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...C\epsilon P\gg C\ddot{I}\ddot{I}C...C-PI$:
 $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“ $PiP_{\mu}PiP^{\circ}C,P\ddot{e}C,,P\cdot PjC-PSP\ddot{e}$
 $C,,C\acute{I}PSPeC\ddot{I}C-PsPSP^{\circ}P\gg C\ddot{H}PSP\ddot{e}C...PiP_{\mu}C\ddot{I}C-PSPePsPIP\ddot{e}C...C,P_{\mu}C\acute{I}C,C-PI$.

$P-P\pm PsPeC\acute{z}C\epsilon PeC-C\ddot{H}P\ddot{e}\ C,P^{\circ}PiC-PrC\epsilon PeC-C\ddot{H}PSPsC-PeP\gg C-C,PePsPIP\ddot{e}PSP\ddot{e}$: $C\ddot{I}P^{\circ}C\acute{I}C,C-$
бҗ“ $P\ddot{I}PsC\acute{I}P\ddot{e}P\gg P_{\mu}PSP_{\mu}P\ddot{I}PsC,PsPIP\ddot{e}PrC-P\gg P_{\mu}PSPSC\ddot{I}\ddot{I}$; $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PIP\ddot{e}C\acute{I}P\ddot{e}PiP\ddot{e}$,
 $PsP\pm P\gg P\ddot{e}C\acute{I}C-PSPSC\ddot{I}\ddot{I}$, $PeC\ddot{H}PsPiP\ddot{e}Pi\ddot{I}b\ddot{I}^{\text{TM}}C\ddot{I}PSPeP^{\circ}$, $C\acute{I}PIP_{\mu}C\ddot{H}P\pm C-P\ddot{I}$; $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}$
 $PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“ $C\acute{I}P\ddot{e}PSC\ddot{I}C-$, $PSP^{\circ}P\pm C\ddot{H}C\ddot{I}PeP\ddot{e}$.

$P\ddot{Y}PeP_{\mu}P\gg P_{\mu}C,PSPs-Pj\ddot{e}\ddot{I}^{\text{TM}}C\ddot{I}P\cdot PsPIC-P\ddot{I}PsC\ddot{H}C\acute{z}C\epsilon P_{\mu}PSPSC\ddot{I}\ddot{I}$: $C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“
 $P^{\circ}C\ddot{H}C,C\ddot{H}P^{\circ}P\gg PiC-C\ddot{I}\ddot{I}$, $PjC-P^{\circ}P\gg PiC-C\ddot{I}\ddot{I}$.

$P-P\pm PsPeC\acute{z}PSP\ddot{e}C\ddot{H}PsPe\ C,P^{\circ}C\acute{I}P_{\mu}C\ddot{I}PsPIP\ddot{e}PIC-PrPSP\ddot{e}C...C\epsilon P\gg C\ddot{I}\ddot{I}C...C-PI$: $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}$
 $PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“ $P\cdot P^{\circ}C,C\ddot{H}P\ddot{e}PjPeP^{\circ}C\acute{I}P_{\mu}C\ddot{I}PsPIP\ddot{e}PiC\acute{I}P\ddot{e}P^{\circ}PSPSC\ddot{I}\ddot{I}$.

$P-P\pm PsPeC\acute{z}C\ddot{H}P_{\mu}PiC\ddot{H}PsPrC\acute{z}PeC,P\ddot{e}PIPSPsC-C\acute{I}P\ddot{e}C\acute{I}C,P_{\mu}PjP\ddot{e}\ C,P^{\circ}PjPsP\gg PsC\ddot{I}PSP\ddot{e}C...$
 $P\cdot P^{\circ}P\gg PsP\cdot$: $C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C\acute{I}C\ddot{I}PsP\gg PsPIC-PeC-PI$: $C\ddot{H}PsP\cdot P\gg P^{\circ}PrP\ddot{e}\ P_{\mu}C\ddot{I}PeC\acute{I}P\gg C\ddot{I}\ddot{I}C\ddot{I}C-C-$,
 $C-PjPiPsC,P_{\mu}PSC\ddot{I}C-C\ddot{I}\ddot{I}$; $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $C\acute{I}P\ddot{I}C-PSPsPe$: $PjP_{\mu}C,C\ddot{H}PsC\ddot{H}P^{\circ}PiC-C\ddot{I}\ddot{I}$,
 $PjP_{\mu}PSPsC\ddot{H}P^{\circ}PiC-C\ddot{I}\ddot{I}$; $C\ddot{I}P^{\circ}C\acute{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}$ бҗ“ $PiP^{\circ}P\gg P^{\circ}PeC,PsC\ddot{H}P_{\mu}C\ddot{I}\ddot{I}$,
 $P\ddot{I}C-C\acute{I}P\gg C\ddot{I}PiPsP\gg PsPiPsPIP^{\circ}PeC\ddot{H}PsPIPSC,P_{\mu}C\ddot{I}P^{\circ 3}$, $C\acute{I}C\ddot{I}PsP\gg PsPIC-PeC-PI$ бҗ“
 $P\ddot{I}C\ddot{H}C-P^{\circ}PiC-P\cdot Pj$.

$P-P^{\circ}PiP^{\circ}P\gg C\ddot{H}PSC-C\ddot{H}PsP\cdot P\gg P^{\circ}PrP\ddot{e}$: $C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PIC,PsPjP^{\circ}$, $PiC-C\ddot{H}P_{\mu}PeC\acute{I}C-C\ddot{I}\ddot{I}$;
 $PSP_{\mu}C\ddot{I}P^{\circ}C\acute{I}C,C-$ бҗ“ $PSP^{\circ}P\pm C\ddot{H}C\ddot{I}Pe$.

¹ $P_{\mu}C\ddot{H}Ps\ PIP\ddot{e}PiP^{\circ}PrPeP\ddot{e}\ C\acute{I}C\acute{I}C-C\ddot{I}P\ddot{e}PrP^{\circ}P\gg C\ddot{H}PSP\ddot{e}C...PrC\acute{I}PjPsPe\ C,P^{\circ}P\ddot{I}PsPIP_{\mu}PrC-PSPeP\ddot{e}$
 $P\ddot{I}PsPIC-PrPsPjP\gg C\ddot{I}P\gg P\ddot{e}\ P\ddot{I}C\ddot{H}PsC,C\ddot{I}PiPsPj\ P\gg C-PeC\acute{I}PIP^{\circ}PSPSC\ddot{I}\ddot{I}\ P_{\mu}C\acute{I}C\ddot{I}P\ddot{e}C,P^{\circ}P\gg PsPiC\ddot{H}P^{\circ}PjPsPj\ P^{\circ}P\pm Ps$
 $PSP_{\mu}P\cdot P^{\circ}P\pm P^{\circ}C\ddot{H}PsPj\ PiC-C\acute{I}P\gg C\ddot{I}\ P\ddot{I}PsPiPs\ P\ddot{I}C\ddot{H}P\ddot{e}PiP\ddot{e}PSP_{\mu}PSPSC\ddot{I}\ddot{I}$.

² $P\ddot{Y}P^{\circ}PeC-PiP\ddot{e}PiP^{\circ}PrPeP\ddot{e}\ PIC-PrPsPjC-PrP\gg C\ddot{I}\ P\cdot P^{\circ}C\acute{I}PsP\pm C-PI\ C\acute{I}C\acute{I}C\ddot{H}PsPiPs\ PeP\gg P^{\circ}C\acute{I}C\acute{I}$

³ P₄C₇Ps C, P°PeC- PIPëPiP°PrPePë PiPsPIC-PrPsPjP»C₄IP»Pë PrP»C₄
C, P₄C₇P°PiP₄PIC, PëC±PSPSPiPs PeP»P°C₁C₁ P₅Y₁P₁P—P—P₅ P°P±Ps P₅Y₁P₁P—P—P₅Y₁К (PrPëPI.
C₇PsP·PrC—P»Pë B«PhC₁P₅P±P»PëPIP₅C₁C, C- P·P°C₁C, PsC₁C₁PIP°PSPSC₄B»,
B«P—P°C₁C, PsC₁C₁PIP°PSPSC₄ C₁ PiP₄C₇C—PsPr PIP°PiC—C, PSPSC₁C, C- P°P±Ps
PiPsPrC₁PIP°PSPSC₄ PiC₇C₁PrPrC₇B»).

$PuPsPrPsPIP\Pmu PSPSC\downarrow C-PSC,P\mu C\overline{H}PIP^{\circ}P\rangle C\acute{z} QT,PJ$
 $PiC-C\acute{I}P\rangle C\downarrow C\overline{H}P\mu C''C\acute{I}C,C\overline{H}P^{\circ}C\downarrow C-PN\mathbb{E}PSPsPjC\acute{r} P\ddot{I}P\mu C\overline{H}C-PsPrC-P\ddot{I}PsPIC-PrPsPjP\rangle C\downarrow P\rangle P\ddot{e}$
 $PiC\overline{H}Ps PIP\ddot{e}P\ddot{I}P^{\circ}PrPeP\ddot{e} PiPsPrPsPIP\Pmu PSPSC\downarrow C-PSC,P\mu C\overline{H}PIP^{\circ}P\rangle C\acute{r} QT C,P^{\circ}$
 $C\acute{E}P\rangle C\acute{r}PSPsC\ddagger PePsPIPsC- P^{\circ}C\overline{H}P\ddot{e}C,PjC-C-, C\acute{r} C,PsPjC\acute{r} C\ddagger P\ddot{e}C\acute{I}P\rangle C-$
 $PiPsP\rangle C-PjPsC\overline{H}C,,PSPsC- C\acute{E}P\rangle C\acute{r}PSPsC\ddagger PePsPIPsC- C,P^{\circ}C...C-PeP^{\circ}C\overline{H}PrC-C- (torsade de$
pointes), $P\ddot{I}P\mu C\overline{H}P\mu PIP^{\circ}P\P PSPs C\acute{r} P\P C-PSPsPe, C\acute{r} P\ddot{I}P^{\circ}C\downarrow C-C''PSC,C-PI P\cdot$
 $PiC-P\ddot{I}PsPeP^{\circ}P\rangle C-C''PjC-C''C\overline{H} C,P^{\circ} C\acute{r} P\ddot{I}P^{\circ}C\downarrow C-C''PSC,C-PI P\cdot C\overline{H}P^{\circ}PSC-C\acute{E}P\mu$
 $C-C\acute{I}PSC\acute{r}C\overline{H}C\ddagger P\ddot{e}Pj P\ddot{I}PsPrPsPIP\Pmu PSP\ddot{e}Pj C-PSC,P\mu C\overline{H}PIP^{\circ}P\rangle PsPj QT P^{\circ}P\pm Ps C-PSC\acute{E}P\ddot{e}Pj$
 $P\cdot P^{\circ}C...PIPsC\overline{H}C\overline{H}PIP^{\circ}PSPSC\downarrow Pj C\acute{I}P\mu C\overline{H}C\downarrow C\downarrow (PrP\ddot{e}PI. C\overline{H}PsP\cdot PrC-P\rangle P\ddot{e}$
 $B\langle P\mu C\overline{H}PsC,P\ddot{e}P\ddot{I}PsPeP^{\circ}P\cdot P^{\circ}PSPSC\downarrow B\rangle, B\langle PhC\acute{I}PsP\pm P\rangle P\ddot{e}PIPsC\acute{I}C,C-$
 $P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow B\rangle, B\langle P'P\cdot P^{\circ}C''PjPsPrC-C\downarrow P\cdot C-PSC\acute{E}P\ddot{e}PjP\ddot{e}$
 $P\rangle C-PeP^{\circ}C\overline{H}C\acute{I}C\overline{H}PeP\ddot{e}PjP\ddot{e} P\cdot P^{\circ}C\acute{I}PsP\pm P^{\circ}PjP\ddot{e} C,P^{\circ} C-PSC\acute{E}C- PIP\ddot{e}PrP\ddot{e} PIP\cdot P^{\circ}C''PjPsPrC-PN\mathbb{E}B\rangle,$
 $B\langle P\mu P\mu C\overline{H}P\mu PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC\downarrow B\rangle C,P^{\circ} B\langle P\propto P^{\circ}C\overline{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC-PeP^{\circ}B\rangle).$

*P*_л*P*»*P*[°]*C**Г*–*C**Г**P**и**μ**C*†*P**ë**C*„*C*–*C*†*P**S**C*–*P**μ**C*„*P**μ**P**e**C*,*P**ë*. *P*_и*P**S**P**I**C*–*P**r**P**s**P**j**P*»*C**и**P*»*P**ë*, *C*%*P**s*
*P*_и*P**i**C*–*P**r**P*_и*P**j**C*–*P**s**P*»*P**s**P**i**C*–*C*†*P**S**C*–*P**r**P**s**C**Г**P*»*C*–*P**r**P**и**P*_и*P**S**P**S**C**и*, *P**и**P*_и*C**Г**P*_и*P**P*[°]*P**и**P**S**P**s* *C**Г*
*P**i*[°]*C*†*C*–*C*[°]*P**S**C*,*C*–*P**I* *P**I**C*–*P**e**P**s**P**j* *P**I**C*–*P**r* 50 *C**Г**P**s**P**e**C*–*P**I*, *P**i**C**Г**P**s**P**r**P*_и*P**j**P**s**P**S**C**Г**C*,*C**Г**C**Г**P**P*[°]*P*»*P**ë*
*P**i**C*–*P**r**P**P**P**ë**C*%*P*_и*P**S**P**P**ë**P**N*_ë *C**Г**P**ë**P*–*P**ë**P**e* *P**и**P*_и*C**Г**P*_и*P*»*P**s**P**j**C*–*P**I* *P**e**C*–*C**Г**C*,*P**s**P**e* *P**i**C**Г**P**ë*
P–*P*[°]*C**Г**C*,*P**s**C**Г**C**Г**P**P*[°]*P**S**P**S**C*–*P**Г**P*†*P*—*P*—*P**Г*, *P**P**e**P*»*C**Г**C*†*P*[°]*C**Г**C*†*P**ë* *P*_и*C**Г**C*†*P**ë**C*,*P*[°]*P*»*P**s**P**i**C**Г**P*[°]*P**j*,
C,*P*[°] *C*,*C**Г**P**ë**C*†*P**ë**P**e**P*»*C*–*C*†*P**S**P**ë**C*... *P*[°]*P**S**C*,*P**ë**P**r**P*_и*P**i**C**Г**P*_и*C**Г**P*[°]*P**S**C*,*C*–*P**I*. *P*_и*P*_и*C*...*P*[°]*P**S**C*–*P*·*P**j*
C†*C**и**P**s**P**i**P**s* *C**и**P**P**ë**C*%*P*[°] *P**S**P*_и*P**I**C*–*P**r**P**s**P**j**P**ë**P**N*_ë.

PŸPëPjPìC,PsPjPë PIC-PrPjC-PSPë. P±CŸPëPìPëPSPµPSPSCŬ P»C-PeCíPIP°PSPSCŬ PŸP†P—P—PŸ
(PsCíPsP±P»PëPIPs CŸP°PìC,PsPIPµ) P·P°P·PIPëC†P°PNë PìCŸPëP·PIPsPrPëC,Ch PrPs
CíPëPjPìC,PsPjC-PI PIC-PrPjC-PSPë. P—P°PìP°PjPsCŸPsC†PµPSPSCŬ, CíPµPSCíPsCŸPSC-
CŸPsP·P»P°PrPë (Cí C,. C†. PìP°CŸPµCíC,PµP·C-Ŭ C,P° PIC-PrC†CíC,C,Ŭ CíPrP°CŸCí
CíC,CŸCíPjPsPj), CŸPsP·P»P°PrPë CíPSCí (Cí C,. C†. P±PµP·CíPsPSPSCŬ C,P°
ŬCíCíPeCŸP°PIC- CíPSPsPIPëPrC-PSPSCŬ), P·P±CíPrP¶PµPSPSCŬ P°P±Ps
C,CŸPëPIPsP¶PSC-CíC,Ch, PSCíPrPsC,P° C,P°/P°P±Ps P±P»CŸPIP°PSPSCŬ, C,CŸPµPjPsCŸ,
CíPìP»CíC,P°PSC-CíC,Ch CíPIC-PrPsPjPsCíC,C-, PìC-PrPIPëC%oPµPSPµ
PìPsC,PsPIPëPrC-P»PµPSPSCŬ, PìPsP»PsPIPSPëPNë P±C-P»Ch, PrC-P°CŸPµŬ,
PìPsCíPëP»PµPSPµ CíPµCŸC†PµP±PëC,C,Ŭ, PµPjPsC†C-PNëPSP°
PSPµCíC,P°P±C-P»ChPSC-CíC,Ch, PrCŸP°C,C-PIP»PëPIC-CíC,Ch C- PìPsCŸCíC€PµPSPSCŬ
P·PsCŸCí C" PSP°PNëC†P°CíC,C-C€PëPjPë CŸPµP°PeC†C-ŬPjPë. P—P°P·PIPëC†P°PNë C†C-
CíPëPjPìC,PsPjPë C" P»PµPìPePëPjPë P°P±Ps CíPµCŸPµPrPSC-PjPë P·P° C,ŬP¶PeC-CíC,Ch
C,P° PjPëPSCíC%oPëPjPë, PsPrPSP°Pe Cí PrPµŬPePëC... PìP°C†C-C"PSC,C-PI PjPsP¶CíC,Ch
P±CíC,Pë C,ŬP¶PePëPjPë C,P°/P°P±Ps C,CŸPëPIP°P»PëPjPë. PŸP°PePëPj C†PëPSPsPj,
CŸPµPePsPjPµPSPPrCíC" C,ChCíŬ PìPsCíC,CíPìPsPIPµ PìCŸPëPìPëPSPµPSPSCŬ
P»C-PeCíPIP°PSPSCŬ PµCíC†PëC,P°P»PsPìCŸP°PjPsPj C€P»ŬC...PsPj P·PSPëP¶PµPSPSCŬ
PrPsP·Pë (PrPëPI. CŸPsP·PrC-P»Pë B«PŸPìPsCíC-P± P·P°CíC,PsCíCíPIP°PSPSCŬ C,P°
PrPsP·PëB», B«PhCíPsP±P»PëPIPsCíC,C- P·P°CíC,PsCíCíPIP°PSPSCŬB»).

РѹPsPIC-PrPsPjP»PμPSPSCЦ PiCђPs PiPsP±C-C†PSC- CђPμP°PeC†C-C— PiC-Cl’P»CЦ
CђPμC”Cf’C,CђP°C†C-C— P»C-PeP°CђCf’CHPePsPiPs P·P°Cl’PsP±Cr PjP°C” PIP°P¶P»PөPIPμ
P·PSP°C‡PμPSPSCЦ. P|Pμ PrP°C” P·PjPsPiCr PiCђPsPIPsrPөC,Pө PjPsPSC-C,PсCђPөPSPi
Cl’PiC-PIPIC-PrPSPsCєPμPSPSCЦ PePsCђPөCf’C,CH/CђPөP·PөPe PiCђPө
P·P°Cl’C,PсCl’CrPIP°PSPSC- C†CHPsPiPs P»C-PeP°CђCf’CHPePsPiPs P·P°Cl’PsP±Cr.
PђPμPrPөC‡PSPөPj C,P° C,,P°CђPjP°C†PμPIC,PөC‡PSPөPj PiCђP°C†C-PIPSPөPeP°Pj, P°
C,P°PePsP¶ PiP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPөPj PiCђPμPrCl’C,P°PIPSPөPeP°Pj
Cl’P»C-Pr PiPsPIC-PrPsPjP»CЦC,Pө PiCђPs CrCl’C- PIPөPiP°PrPePө PiC-PrPsP·CђCђPIP°PSPөC...
PiPsP±C-C‡PSPөC... CђPμP°PeC†C-PNє C,P° PIC-PrCl’CrC, PSPсCl’C,C-
PμC,,PμPeC,PөPIPSPсCl’C,C- P»C-PeP°CђCf’CHPePsPiPs P·P°Cl’PsP±Cr C‡PμCђPμP·
PhPIC,PсPjP°C,PөP·PsPIP°PSCr C-PSC,,PsCђPjP°C†C-PNєPSCr Cl’PөCf’C,PμPjCr P·
C,,P°CђPjP°PePsPSP°PiP»CЦPrCr P·P° PiPsCl’PөP»P°PSPSCЦPj: <https://aisf.dec.gov.ua>.

PŷPµCŦPjC-PS PiCŦPëPŦP°C,PSPsCŦC,C-. 3 CŦPŷPŷPë.

PJpJpSPiPë P·P±PμCĤC-PiP°PSPSCĤ. P—P±PμCĤC-PiP°C, Pë Cr PSPμPrPsCĤC, CrPiPSPsPjCr PrP»CĤ PrC-C, PμPNë PjC-CĤC†C- PI PsCĤPëPiC-PSP°P»CHbPSC-PNë CrPiP°PePsPIC†C- PiCĤPë C, PμPjPiPμCĤP°C, CrCĤC- PSPμ PIPëC%Pμ 25 B°PŸ.

PJPiP°PePsPIPeP°. P₁₁Ps 10 C, P°P±P»P₁₁C, PsPe Cr P±P»C-ClC, P₁₁C₇C-; P₁₁Ps 1 P°P±Ps 3, P°P±Ps 6 P±P»C-ClC, P₁₁C₇C-PI Cr PeP°C₇C, PsPSPSC-PN₂ P₁₁P°C±C†C-.

$$\mathbf{P}_{\mathbf{L}}\mathbf{P}^{\circ}\mathbf{C},\mathbf{P}_{\mathbf{M}}\mathbf{P}\mathbf{i}\mathbf{P}\mathbf{s}\mathbf{C}\mathbf{F}_3\mathbf{C}-\mathbf{C}\mathbf{F}_3\mathbf{P}\mathbf{I}\mathbf{C}-\mathbf{P}\mathbf{r}\mathbf{P}\mathbf{i}\mathbf{C}\mathbf{r}\mathbf{C}\mathbf{F}_3\mathbf{P}\mathbf{e}\mathbf{C}\mathbf{r}. \mathbf{P}-\mathbf{P}^{\circ}\mathbf{C}\mathbf{F}_3\mathbf{P}_{\mathbf{M}}\mathbf{C}\mathbf{F}_3\mathbf{P}_{\mathbf{M}}\mathbf{P}\mathbf{i}\mathbf{C},\mathbf{P}\mathbf{s}\mathbf{P}\mathbf{j}.$$
$$\mathbf{P'P\ddot{e}C\dot{H}PsP\pm PSP\ddot{e}P\epsilon. P\check{y}PhP' B\langle P\alpha P^{\circ}C\dot{H}PjP^{\circ} P\check{Y}C, P^{\circ}C\dot{H}C, B\rangle, PjPeC\dot{H}P^{\circ}C-PSP^{\circ}.$$

Р_нC-CГC†PμP·PSP°C...PsPrP¶PμPSPSCЦ PIPëCH₃PsP±PSPëPeP° C,P° P°PrCH₃PμCГP° PjC-CГC†CЦ PiCH₃PsPIP°PrP¶PμPSPSCЦ PN₀PsPiPs PrC-CЦP»CH₃PSPsCГC,C-.

$$\text{PjPeC}\bar{\text{H}}\text{P}^\circ\text{C}-\text{PSP}^\circ, 03124, \text{Pj. P}\bar{\text{L}}\text{P}\bar{\text{E}}\text{C}-\text{PI}, \text{P}\pm\text{C}\bar{\text{I}}\text{P}\gg\text{CH}\bar{\text{P}}\text{IP}^\circ\text{C}\bar{\text{H}} \text{P}'\text{P}^\circ\text{C}\bar{\text{I}}\text{P}\gg\text{P}^\circ\text{PIP}^\circ \text{P}''\text{P}^\circ\text{PIP}_\mu\text{P}\gg\text{P}^\circ, 8.$$