

- $C, P^{\circ} P \pm P \gg P_{\mu} C, P_{\epsilon} P_{\ddot{e}} P_{\ddot{i}} P_s 1000 P_j P_i: P \pm P \gg C - P_{\Gamma} P_s - P_{\Pi} P_s P_{IC}, C -, P_{I\epsilon} C_{\Gamma} P_{\ddot{e}} C, C -$

PiP»C-PIPePsPIPsCĤ PsP±PsP»PsPSPePsCĤ, PsPiCíPeP»C- P· PsP±PsC... P±PsPeC-PI
C,P°P±P»PμC,PePë PsPIP°P»CHbPSPsC— C„PsCĤPjPë, P· C,PëCíPSPμPSPSCĬPj B«1000B» P·
PsPrPSPsPiPs P±PsPeCí, C-PSC€PëPNë P±C-Pe PiP»P°PrPePëPNë.

PαP°CĤPjP°PePsC,PμCĤP°PiPμPIC,PëC±PSP° PiCĤCíPiP°. P†PSC€C-
PeP°CĤPrC-PsP»PsPiC-C±PSC- P·P°CíPsP±Pë. P P°PSPsP»P°P·PëPS.

PľPsPr PĥPŷPT PŸ01P• B18.

PαP°CĤPjP°PePsP»PsPiC-C±PSC- PIP»P°CíC,PëPIPsCíC,C-.

PαP°CĤPjP°PePsPrPëPSP°PjC-PeP°.

PĥPμC...P°PSC-P·Pj PrC-C—.

PĥPμC...P°PSC-P·Pj PrC-C— CĤP°PSPsP»P°P·PëPSCí P·PSP°C±PSPsCĤ PjC-CĤPsCĤ
P·P°P»PëC€P°C”C,CHCíCĬ PSPμPIC-PrPsPjPëPj. P P°PSPsP»P°P·PëPS PjPsP¶Pμ C±PëPSPëC,Pë
PrPμCĬPeCí P°PSC,PëP°PSPiC-PSP°P»CHbPSCí PrC-CĤ C€P»CĬC...PsPj
PiCĤPëPiPSC-C±PμPSPSCĬ PiC-P·PSCĤPsPiPs PiPsC,PsPeCí C-PsPSC-PI PSP°C,CĤC-CĤ Cí
PeP»C-C,PëPSPë PjC-PsPeP°CĤPrP°. PiPμ P·PSPëP¶CíC”
PIPSCíC,CĤC-C€PSCĤPsPeP»C-C,PëPSPSPμ PSP°PePsPiPëC±PμPSPSCĬ PSP°C,CĤC-CĤ C-,
PIC-PrPiPsPIC-PrPSPs, P·PjPμPSC€CíC” PSP°PrP»PëC€PsPe
PIPSCíC,CĤC-C€PSCĤPsPeP»C-C,PëPSPSPëC... C-PsPSC-PI PeP°P»CHC†C-CĤ.
P P°PSPsP»P°P·PëPS P·P° CĤP°C...CíPSPsPe P·PSPëP¶PμPSPSCĬ PiC-P·PSCĤPsPiPs PiPsC,PsPeCí
C-PsPSC-PI PSP°C,CĤC-CĤ P·PjPμPSC€CíC” PIPSCíC,CĤC-C€PSCĤPsPeP»C-C,PëPSPSPëPNë
C-PsPSPSPëPNë PrPëCíP±P°P»P°PSCí PiCĤPë C-C€PμPjC-C—. PiPμ P·PSPëP¶PμPSPSCĬ
PSP°PrP»PëC€PeCí PIPSCíC,CĤC-C€PSCĤPsPeP»C-C,PëPSPSPsPiPs PeP°P»CHC†C-CĤ
P±CíPrPμ CíPiCĤPëCĬC,Pë CĤPsP·CíP»P°P±P»PμPSPSCĤ PjC-PsPeP°CĤPrP° C-, C,P°PePëPj
C±PëPSPsPj, P·PSPëP¶CíPIP°C,Pë PrC-P°CíC,PsP»C-C±PSPμ PSP°PiCĤCíP¶PμPSPSCĬ
P»C-PIPsPiPs C€P»CíPSPsC±PeP°. PľP»C-PSC-C±PSC- PrPsPeP°P·Pë PiP°P»CHbPjCíPIP°PSPSCĬ
PiC-P·PSCĤPsPiPs PSP°C,CĤC-C”PiPsPiPs PiPsC,PsPeCí CĤP°PSPsP»P°P·PëPSPsPj
PiCĤPsCĬPIP»CĬP»PëCíCĬ P·PSP°C±PSPëPj CíPePsCĤPsC±PμPSPSCĬPj C-PSC,PμCĤPIP°P»Cí
QTc C,P° PiPsPeCĤP°C%PμPSPSCĬPj PrC-P°CíC,PsP»C-C±PSPsC— CĤPμP»P°PeCíP°C†C-C—,
C%Ps P±CíP»Ps PiPëCĬPIP»PμPSPs PiC-Pr C±P°Cí PIC-PrPeCĤPëC,PsPiPs
PrPsCíP»C-PrP¶PμPSPSCĬ P·P° CíC±P°CíC,CĤ 5 PiP°C†C-C”PSC,C-PI C-P· CíPëPSPPrCĤPsPjPsPj
PiPsPrPsPIP¶PμPSPsPiPs C-PSC,PμCĤPIP°P»Cí QT (PiP°C†C-C”PSC,Pë C-P· CíPëPSPPrCĤPsPjPsPj
LQT3, Cí CĬPePëC... C” PjCíC,P°C†C-CĬ PiPμPSP° SCN5A ΔKPQ). PiC- PμC„PμPeC,Pë
PiCĤPμPiP°CĤP°C,Cí PSPμ P·P°P»PμP¶P°C,CHb PIC-Pr P·PjC-PSPë C±P°CíC,PsC,Pë
CíPμCĤC†PμPiPëC... CíPePsCĤPsC±PμPSCĤ, P°CĤC,PμCĤC-P°P»CHbPSPsPiPs C,PëCíPeCí
P°P±Ps PIC-Pr CĤPsP·C€PëCĤPμPSPSCĬ PeCĤPsPiPsPSPsCíPSPëC... CíCíPrPëPS.

PαP°CĤPjP°PePsPrPëPSP°PjC-C±PSP° PrC-CĬ.

P’PiP»PëPI PSP° PiPμPjPsPrPëPSP°PjC-PeCí.

PμCĤPsPIPμPrPμPSC- PeP»C-PSC-C±PSC- PrPsCíP»C-PrP¶PμPSPSCĬ P·P°CíPIC-PrC±PëP»Pë,
C%Ps Cí C...PiPsCĤPëC..., CĬPeC- P·P°CíC,PsCíPsPICíPIP°P»Pë CĤP°PSPsP»P°P·PëPS
PsPeCĤPμPjPs P°P±Ps Pi PiPsC”PrPSP°PSPSC- P· C-PSC€PëPjPë

P°PSC, PëP°PSPiC-PSP°P»CHBPSPëPjPë P»C-PeP°CĤCĤCHPePëPjPë P·P°CĤPsP±P°PjPë,
CĤPiPsCĤC, PμCĤC-PiP°P»PsCĤCĤ P·PjPμPSC€PμPSPSCĤ CĤPμCĤPμPrPSCĤPsC—
C±P°CĤC, PsC, Pë CĤPμCĤC†PμPIPëC... CĤPePsCĤPsC±PμPSCĤ (< 2 CĤPrP°CĤC-PI/C...PI) C, P°
CĤPμCĤPμPrPSCĤPsPiPs CĤPëCĤC, PsP»C-C±PSPsPiPs P°CĤC, PμCĤC-P°P»CHBPSPsPiPs
C, PëCĤPeCĤ (< 3 PjPj CĤC, CĤC, ..).

P·C, PμPeC, Pë, C%Ps PIPëCĤIP»CĤCĤC, CHCĤCĤ PĤCĤPë
PμP»PμPeC, CĤPsPeP°CĤPrC-PsPiCĤP°C, C-C— (P·PμP°).

Pj C...PIPsCĤPëC..., CĤPeC- P·P°CĤC, PsCĤPsPICĤPIP°P»Pë PĤCĤPμPiP°CĤP°C, P P°PSPμPeCĤP°B®,
CĤPiPsCĤC, PμCĤC-PiP°P»PsCĤCĤ PiPsPrPsPIP¶PμPSPSCĤ C-PSC, PμCĤPIP°P»CĤ QTCĤ, C%Ps
P·P°P»PμP¶P°P»Ps PIC-Pr PrPsP·Pë C, P° PePsPSC†PμPSC, CĤP°C†C-C— PI PiP»P°P·PjC-
PeCĤPsPIC- (PĤCĤPëP±P»PëP·PSPs 6 PjCĤ PĤCĤPë P·P°CĤC, PsCĤCĤPIP°PSPSC- 1000 PjPi 2
CĤP°P·Pë PSP° PrPsP±CĤ), P·PSPëP¶PμPSPSCĤ P°PjPiP»C-C, CĤPrPë P·CĤP±C†CĤ Pŷ C, P°, CĤ
PrPμCĤPePëC... PIPëPiP°PrPeP°C..., PrPiPsPiPsCĤP±C- P·CĤP±C†C- Pŷ. P·PIP°P¶P°C”C, CHCĤCĤ,
C%Ps C†PμPñ PIPiP»PëPI CĤP°PSPsP»P°P·PëPSCĤ PSP° C...P°CĤP°PeC, PμCĤPëCĤC, PëPePë
P·PμP” C” CĤPμP·CĤP»CHC, P°C, PsPj PĤCĤPëPiPSC-C†PμPSPSCĤ C€PIPëPrPePsPiPs
CĤPμPeC, PëC, C-PeP°C†C-PñPSPsPiPs PeP°P»C-C”PIPsPiPs PiPsC, PsPeCĤ, C%Ps
PiPsPrPsPIP¶CĤC” C€P»CĤPSPsC†PePsPIPëPñ PiPsC, PμPSC†C-P°P» PrC-C—, P° C, P°PePsP¶
PĤCĤPëPiPSC-C†PμPSPSCĤ PiC-P·PSCĤPsPiPs PSP°C, CĤC-C”PIPsPiPs PiPsC, PsPeCĤ, C%Ps
CĤPePsCĤPsC†CĤC” C€P»CĤPSPsC†PePsPIPëPñ PiPsC, PμPSC†C-P°P» PrC-C—.
PμPsPiCĤP»CĤC†C-PñPSPëPñ P°PSP°P»C-P· PsP±BĤ™ C”PrPSP°PSPëC... PrP°PSPëC...,
PsC, CĤPëPjP°PSPëC... CĤ 1308 PiP°C†C-C”PSC, C-PI C- P·PrPsCĤPsPIPëC...
PrPsP±CĤPsPiPsP»CHC†C-PI, PiPsPeP°P·P°PI CĤPμCĤPμPrPSC” PiPsPrPsPIP¶PμPSPSCĤ QTCĤ
PIC-PrPSPsCĤPSPs P±P°P·PsPiPsPiPs CĤC-PIPSCĤ PSP° 2,4 PjCĤ PSP° 1000 PSPi/PjP»
CĤP°PSPsP»P°P·PëPSCĤ PI PiP»P°P·PjC-. PjPμ P·PSP°C†PμPSPSCĤ PIC-PrPiPsPIC-PrP°C”
PrP°PSPëPj, PsC, CĤPëPjP°PSPëPj CĤ C...PsPrC- PsPiPsCĤPSPëC... PeP»C-PSC-C†PSPëC...
PrPsCĤP»C-PrP¶PμPSCĤ, P·PiC-PrPSPs P· CĤPePëPjPë CĤPμCĤPμPrPSC- P·PjC-PSPë QTcF
PiPsCĤC-PIPSCĤPSPs P· PiPsC†P°C, PePsPIPëPj CĤC-PIPSPμPj (PePsCĤPμPeC†C-CĤ P·P°
C, PsCĤPjCĤP»PsCĤ PαCĤC-PrPμCĤC-C†C-CĤ) PiC-CĤP»CĤ P·P°CĤC, PsCĤCĤPIP°PSPSCĤ
PrPsP·Pë 500 C, P° 750 PjPi PrPIC-C†C- PSP° PrPsP±CĤ CĤPeP»P°PrP°P»Pë PIC-PrPiPsPIC-PrPSPs
1,9 C- 4,9 PjCĤ. PĤP°C...PëP» PĤCĤCĤPjPsC— P±CĤPI PIPëC%PëPj CĤ PiP°C†C-C”PSC, C-PI C-P·
PeP»C-PSC-C†PSPs P·PSP°C†CĤC%PëPj PiPsCĤCĤC€PμPSPSCĤPj C, CĤPSPeC†C-C—
PiPμC†C-PSPëPë.

P—P° CĤPμP·CĤP»CHC, P°C, P°PjPë PIPμP»PëPePsPiPs PrPsCĤP»C-PrP¶PμPSPSCĤ (MERLIN-
TIMI 36), PĤCĤPsPIPμPrPμPSPsPiPs P·P° CĤC†P°CĤC, CĤ 6560 PiP°C†C-C”PSC, C-PI C-P· P”PμPŷ
(PSPμCĤC, P°P±C-P»CHBPSP° CĤC, PμPSPsPeP°CĤPrC-CĤ/ C-PSC, P°CĤPeC, PjC-PsPeP°CĤPrP°
P±PμP· PiC-PrPñPsPjCĤ CĤPμPiPjPμPSC, P° S-T), PSPμ P±CĤP»Ps PIPëCĤIP»PμPSPs
PIC-PrPjC-PSPSPsCĤC, PμPñ PjC-P¶ P»C-PeP°CĤCĤCHPePëPj P·P°CĤPsP±PsPj P P°PSPμPeCĤP°B®
C, P° PiP»P°C†PμP±Ps CĤC, PsCĤPsPIPSPs CĤPëP·PëPeCĤ CĤPjPμCĤC, PSPsCĤC, C- P· CĤCĤC-C...
PiCĤPëC†PëPS (PIC-PrPSPsCĤPSPëPñ CĤPëP·PëPe PĤCĤPë P·P°CĤC, PsCĤCĤPIP°PSPSC-
CĤP°PSPsP»P°P·PëPSCĤ PiPsCĤC-PIPSCĤPSPs P·B PiP»P°C†PμP±Ps CĤC, P°PSPsPIPëPI 0,99),
CĤP°PiC, PsPiPsC— CĤPμCĤC†PμPIPsC— CĤPjPμCĤC, C- (PIC-PrPSPsCĤPSPëPñ CĤPëP·PëPe
PiCĤPë P·P°CĤC, PsCĤCĤPIP°PSPSC- CĤP°PSPsP»P°P·PëPSCĤ PiPsCĤC-PIPSCĤPSPs P·B
PiP»P°C†PμP±Ps CĤC, P°PSPsPIPëPI 0,87) P°P±Ps C†P°CĤC, PsC, Pë PIPëPSPëPePSPμPSPSCĤ
P·P°CĤPμC”CĤC, CĤPsPIP°PSPëC... CĤPëPjPiC, PsPjP°C, PëC†PSPëC... P°CĤPëC, PjC-Pñ (3,0 %
PiCĤPsC, Pë 3,1 %).

Pj PrPsCĤP»C-PrP¶PμPSPSC- MERLIN-TIMI 36 CĤ 3162 PiP°C†C-C”PSC, C-PI, CĤPeC-
PsC, CĤPëPjCĤPIP°P»Pë P»C-PeCĤPIP°PSPSCĤ P»C-PeP°CĤCĤCHPePëPj P·P°CĤPsP±PsPj

P P°PSPμPeCΓP°^{B®} PI CḡP°PjPeP°C... 7-PrPμPSPSPsPiPs PΓPsP»C,PμCḡC-PICΓCḡPePsPiPs
CΓPiPsCΓC,PμCḡPμP¶PμPSPSCḡ, PSPμ P±CΓP»Ps P·P°C,,C-PeCΓPsPIP°PSPs P¶PsPrPSPëC...
PïCḡPsP°CḡPëC,PjC-C±PSPëC... PμC,,PμPeC,C-PI. PJ PïP°C†C-C”PSC,C-PI, CḡPeC-
PsC,CḡPëPjCΓPIP°P»Pë P»C-PeP°CḡCΓCḡPePëPNë P·P°CΓC-P± P P°PSPμPeCΓP°^{B®}, P±CΓP»P°
PIC-PrPjC-C±PμPSP° P·PSP°C±CΓC°Ps PjPμPSC€P° C±P°CΓC,PsC,P° PIPëPSPëPePSPμPSPSCḡ
P°CḡPëC,PjC-PNë PiPsCḡC-PIPSCḡPSPs P· C,PëPjPë, C...C,Ps PsC,CḡPëPjCΓPIP°PI
PïP»P°C†PμP±Ps (80 % PïCḡPsC,Pë 87 %), PIPeP»CḡC±P°CḡC±Pë C€P»CΓPSPsC±PePsPICΓ
C,P°C...C-PeP°CḡPrC-Cḡ ≥ 8 CΓPrP°CḡC-PI (5 % PïCḡPsC,Pë 8 %).

PḡP»C-PSC-C±PSP° PμC,,PμPeC,PëPIPSC-CΓC,Cḡ C- P±PμP·PïPμPeP°.

PḡP»C-PSC-C±PSC- PrPsCΓP»C-PrP¶PμPSPSCḡ PïCḡPsPrPμPjPsPSCΓC,CḡCΓPIP°P»Pë
PμC,,PμPeC,PëPIPSC-CΓC,Cḡ C- P±PμP·PïPμPeCΓ P»C-PeP°CḡCΓCḡPePsPiPs P·P°CΓPsP±CΓ
P P°PSPμPeCΓP°^{B®} PïCḡPë P·P°CΓC,PsCΓCΓPIP°PSPSC- PNëPsPiPs CḡPe PjPsPSPsC,PμCḡP°PïC-C—
PïCḡPë C...CḡPsPSC-C±PSC-PNë CΓC,PμPSPsPeP°CḡPrC-C—, P° C,P°PePsP¶ PïCḡPë
P·P°CΓC,PsCΓCΓPIP°PSPSC- CΓ CḡP°P·C- PsC,CḡPëPjP°PSPSCḡ PSPμPrPsCΓC,P°C,PSCḡPsC—
PeP»C-PSC-C±PSPsC— PIC-PrPiPsPIC-PrC- PSP° C,PμCḡP°PïC-Cḡ C-PSC€PëPjPë
P»C-PeP°CḡCΓCḡPePëPjPë P·P°CΓPsP±P°PjPë, C°Ps PïCḡPëP·PSP°C±PμPSC- PrP»Cḡ
P»C-PeCΓPIP°PSPSCḡ CΓC,PμPSPsPeP°CḡPrC-C—.

PμC-Pr C±P°CΓ PeP»CḡC±PsPIPsPiPs PrPsCΓP»C-PrP¶PμPSPSCḡ CARISA
P»C-PeP°CḡCΓCḡPePëPNë P·P°CΓC-P± P P°PSPμPeCΓP°^{B®} PrPsPrP°PIP°P»Pë PrPs
C,PμCḡP°PïC-C— P°C,PμPSPsP»PsP»PsPj CΓ PrPsP·C- 50 PjPi 1 CḡP°P· PSP° PrPsP±CΓ P°P±Ps
P°PjP»PsPrPëPïC-PSPsPj CΓ PrPsP·C- 5 PjPi 1 CḡP°P· PSP° PrPsP±CΓ, P°P±Ps
PrPëP»C,C-P°P·PμPjPsPj CΓ PrPsP·C- 180 PjPi 1 CḡP°P· PSP° PrPsP±CΓ. 823 PïP°C†C-C”PSC,Pë
(23 % P¶C-PSPsPe) P±CΓP»Pë CḡP°PSPrPsPjC-P·PsPIP°PSC- CΓ PïCḡCΓPiPë, CḡPeC-
PsC,CḡPëPjCΓPIP°P»Pë PïCḡPsC,CḡPiPsPj 12 C,PëP¶PSC-PI P»C-PeP°CḡCΓCḡPePëPNë
P·P°CΓC-P± P P°PSPμPeCΓP°^{B®} PiPs 750 PjPi PrPIC-C±C- PSP° PrPsP±CΓ, PiPs 1000 PjPi
PrPIC-C±C- PSP° PrPsP±CΓ P°P±Ps PiP»P°C†PμP±Ps. P»C-PeP°CḡCΓCḡPePëPNë P·P°CΓC-P±
P P°PSPμPeCΓP°^{B®} PiPsPeP°P·P°PI PμC,,PμPeC,PëPIPSC-CΓC,Cḡ, C°Ps
PïPμCḡPμPIPëC°CΓPIP°P»P° PμC,,PμPeC,PëPIPSC-CΓC,Cḡ PïP»P°C†PμP±Ps, C°PsPrPs
PiPsPrPsPIP¶PμPSPSCḡ C±P°CΓCΓ PïPμCḡPμPSPsCΓPëPjPëC... C,,C-P·PëC±PSPëC...
PSP°PIP°PSC,P°P¶PμPSCḡ PïCḡPsC,CḡPiPsPj 12 C,PëP¶PSC-PI PïCḡPë
P·P°CΓC,PsCΓCΓPIP°PSPSC- PI PsP±PsC... PrPsCΓP»C-PrP¶CΓPIP°PSPëC... PrPsP·P°C..., C°Ps
PIPëPePsCḡPëCΓC,PsPICΓPIP°P»PëCΓCḡ CḡPe PrPsPrP°C,PePsPIP° C,PμCḡP°PïC-Cḡ.
PμCḡPsC,Pμ PSPμ P±CΓP»Ps PIC-PrPjC-C±PμPSPs CḡC-P·PSPëC†C- CΓ C,CḡPëPIP°P»PsCΓC,C-
PïPμCḡPμPSPsCΓPëPjPëC... C,,C-P·PëC±PSPëC... PSP°PIP°PSC,P°P¶PμPSCḡ PjC-P¶ PrPIPsPjP°
PrPsP·CΓPIP°PSPSCḡPjPë (24 CΓPμPeCΓPSPrPë PïPsCḡC-PIPSCḡPSPs P· PïP»P°C†PμP±Ps; p f
0,03).

PμCḡPë P·P°CΓC,PsCΓCΓPIP°PSPSC- P»C-PeP°CḡCΓCḡPePsPiPs P·P°CΓPsP±CΓ
P P°PSPμPeCΓP°^{B®} P·PSP°C±PSPs P·PjPμPSC€PëP»P°CΓCḡ PeC-P»CḡPeC-CΓC,Cḡ
PSP°PïP°PrC-PI CΓC,PμPSPsPeP°CḡPrC-C— PïCḡPsC,CḡPiPsPj C,PëP¶PSCḡ C,P°
PïPsC,CḡPμP±P° PI P·P°CΓC,PsCΓCΓPIP°PSPSC- PSC-C,CḡPsPiP»C-C†PμCḡPëPSCΓ
PePsCḡPsC,PePsC— PrC-C— PiPsCḡC-PIPSCḡPSPs P· C,P°PePëPjPë PïCḡPë PïCḡPëPNëPsPjC-
PïP»P°C†PμP±Ps. PÿPsP»PμCḡP°PSC,PSC-CΓC,Cḡ PrPs CḡP°PSPsP»P°P·PëPSCΓ PïC-Pr C±P°CΓ
P»C-PeCΓPIP°PSPSCḡ PSPμ CḡPsP·PIPëPSCΓP»P°CΓCḡ, C,P° PSPμ P±CΓP»Ps
PIC-PrPjC-C±PμPSPs PïC-PrPIPëC°PμPSPSCḡ C±P°CΓC,PsC,Pë PSP°PïP°PrC-PI
CΓC,PμPSPsPeP°CḡPrC-C— PïC-CΓP»Cḡ CḡC-P·PePsPiPs PïCḡPëPïPëPSPμPSPSCḡ
P·P°CΓC,PsCΓCΓPIP°PSPSCḡ P»C-PeP°CḡCΓCḡPePsPiPs P·P°CΓPsP±CΓ.
PμPsPeCḡP°C°PμPSPSCḡ C°PsPrPs C,CḡPëPIP°P»PsCΓC,C- PïPμCḡPμPSPsCΓPëPjPëC...

PSP°PIP°PSC,P°P¶PµPSCH Cr P¶C-PSPsPe CÍC,P°PSPsPIPëP»Ps P±P»PëP·CHPePs 33 % PIC-Pr PîPsPeP°P·PSPëPeP°, C¶PePëPNë CÍPîPsCÍC,PµC¶C-PiP°PICÍC¶ Cr C¶PsP»PsPIC-PeC-PI, PîC¶Pë P·P°CÍC,PsCÍCÍPIP°PSPSC- PrPsP·Pë 1000 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ. PµC¶PsC,Pµ C- Cr C¶PsP»PsPIC-PeC-PI, C- Cr P¶C-PSPsPe CÍPîPsCÍC,PµC¶C-PiP°P»PsCÍCH PsPrPSP°PePsPIPµ P·PSPëP¶PµPSPSC¶ C¶P°CÍC,PsC,Pë PSP°PîP°PrC-PI CÍC,PµPSPsPeC¶P°PrC-C— C,P° P·P°CÍC,PsCÍCÍPIP°PSPSC¶ PSC-C,C¶PsPiP»C-C¶PµC¶PëPSCÍ. P— PsPiP»C¶PrCÍ PSP° P·P°P»PµP¶PSC-CÍC,CH PîPsP±C-C¶PSPëC... PµC,,PµPeC,C-PI PIC-Pr PrPsP·Pë C,P° PSP° PîPsPrC-P±PSCÍ PµC,,PµPeC,PëPIPSC-CÍC,CH PîC¶Pë PîC¶PëP·PSP°C¶PµPSPSC- PrPsP· 750 C,P° 1000 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ, C¶PµPePsPjPµPSPPrPsPIP°PSP° PjP°PeCÍPëPjP°P»CHPSP° PrPsP·P° CÍC,P°PSPsPIPëC,CH 750 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ.

PµC-Pr C¶P°CÍ PrC¶CÍPîPsPiPs PrPsCÍP»C-PrP¶PµPSPSC¶ ERICA P»C-PeP°C¶CÍCHPePëPNë P·P°CÍC-P± P P°PSPµPeCÍP°^{B®} P±CÍP»Ps PrPsPrP°PSPs PrPs P»C-PeCÍPIP°PSPSC¶ P°PjP»PsPrPëPîC-PSPsPj Cr PrPsP·C- 10 PjPi 1 C¶P°P· PSP° PrPsP±CÍ (PjP°PeCÍPëPjP°P»CHPSP° C¶PµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P°). 565 PîP°C¶C-C°PSC,C-PI P±CÍP»Pë C¶P°PSPPrPsPjC-P·PsPIP°PSC- Cr PîC¶CÍPîPë, C¶PeC- P·P°CÍC,PsCÍCÍPIP°P»Pë P»C-PeP°C¶CÍCHPePëPNë P·P°CÍC-P± P P°PSPµPeCÍP°^{B®} Cr PîPsC¶P°C,PePsPIC-PNë PrPsP·C- 500 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ C¶Pë PîP»P°C¶PµP±Ps PîC¶PsC,C¶PiPsPj 1 C,PëP¶PSC¶, P° PîPsC,C-Pj бґ“ Cr PrPsP·C- 1000 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ P°P±Ps PîP»P°C¶PµP±Ps PîC¶PsC,C¶PiPsPj 6 C,PëP¶PSC-PI PSP° PrPsPrP°C,PsPe PrPs PsPrPSPsC¶P°CÍPSPsPiPs P»C-PeCÍPIP°PSPSC¶ P°PjP»PsPrPëPîC-PSPsPj Cr PrPsP·C- 10 PjPi 1 C¶P°P· PSP° PrPsP±CÍ. PµC¶C-Pj C,PsPiPs, 45 % PrPsCÍP»C-PrP¶CÍPIP°PSPsC— PîPsPîCÍP»C¶C¶C-C— C,P°PePsP¶ PîC¶PëPNëPjP°P»Pë PSC-C,C¶P°C,Pë C,C¶PëPIP°P»PsC— PrC-C—. PµC¶Pë P·P°CÍC,PsCÍCÍPIP°PSPSC- P»C-PeP°C¶CÍCHPePsPiPs P·P°CÍPsP±CÍ P P°PSPµPeCÍP°^{B®} P±CÍP»Ps PrPsCÍC¶PiPSCÍC,Ps P·PSP°C¶CÍC°Pµ P·PSPëP¶PµPSPSC¶ PeC-P»CHPePsCÍC,C- PSP°PîP°PrC-PI CÍC,PµPSPsPeP°C¶PrC-C— PSP° C,PëP¶PrPµPSCH (C¶ = 0,028) C,P° PîPsC,C¶PµP±Pë PI P·P°CÍC,PsCÍCÍPIP°PSPSC- PSC-C,C¶PsPiP»C-C¶PµC¶PëPSCÍ PePsC¶PsC,PePsC— PrC-C— (C¶ = 0,014) PîPsC¶C-PIPSC¶PSPs P· C,P°PePëPjPë PîC¶Pë PîC¶PëPNëPsPjC- PîP»P°C¶PµP±Ps. PîPe CÍPµC¶PµPrPSC¶ PeC-P»CHPeC-CÍC,CH PSP°PîP°PrC-PI CÍC,PµPSPsPeP°C¶PrC-C—, C,P°Pe C- PeC-P»CHPeC-CÍC,CH PîC¶PëPNëPSC¶C,PëC... C,P°P±P»PµC,PsPe PSC-C,C¶PsPiP»C-C¶PµC¶PëPSCÍ P·PjPµPSCëPëP»P°CÍCH PsC¶C-C°PSC,PsPIPSs PSP° 1 PsPrPëPSPëC¶C¶ PI C,PëP¶PrPµPSCH.

P' PrPsCÍP»C-PrP¶PµPSPSC- MARISA бґ“ PsCÍPSPsPIPSPsPjCÍ PrPsCÍP»C-PrP¶PµPSPSC-, PîC¶PëCÍPIC¶C¶PµPSPsPjCÍ PIPëP·PSP°C¶PµPSPSC¶ PsPîC,PëPjP°P»CHPSPsC— PrPsP·Pë, бґ“ C¶P°PSPsP»P°P·PëPS P·P°CÍC,PsCÍCÍPIP°P»Pë C¶Pe PjPsPSPsC,PµC¶P°PîC-C¶. 191 PîP°C¶C-C°PSC, P±CÍPI C¶P°PSPPrPsPjC-P·PsPIP°PSPëPNë Cr PîC¶CÍPîPë, C¶PeC- PsC,C¶PëPjCÍPIP°P»Pë P»C-PeP°C¶CÍCHPePëPNë P·P°CÍC-P± P P°PSPµPeCÍP°^{B®} Cr PrPsP·C- 500 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ, 1000 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ, 1500 PjPi PrPIC-C¶C- PSP° PrPsP±CÍ C- PîP»P°C¶PµP±Ps: PePsP¶PµPS C-P· P»C-PeP°C¶CÍCHPePëC... P·P°CÍPsP±C-PI PîC¶PsC,C¶PiPsPj 1 C,PëP¶PSC¶ P·P° PîPµC¶PµC...C¶PµCÍPSPsC¶ CÍC...PµPjPsC¶. P»C-PeP°C¶CÍCHPePëPNë P·P°CÍC-P± P P°PSPµPeCÍP°^{B®} PîC¶PsPrPµPjPsCÍC,C¶CÍPIP°PI P·PSP°C¶CÍC°CÍ PîPµC¶PµPIP°PîCÍ PîPsC¶C-PIPSC¶PSPs P· PîP»P°C¶PµP±Ps CÍC,PsCÍCÍPIPSPs PîPsPrPsPIP¶PµPSPSC¶ C¶P°CÍCÍ PîPµC¶PµPSPsCÍPëPjPëC... C,,C-P·PëC¶PSPëC... PSP°PIP°PSC,P°P¶PµPSCH, C¶P°CÍCÍ PrPs PSP°PîP°PrCÍ CÍC,PµPSPsPeP°C¶PrC-C— C,P° C¶P°CÍCÍ PrPs PîPsC¶PIPë PrPµPîC¶PµCÍC-C— CÍPµPiPjPµPSC,P° ST PSP° 1 PjPj PrP»C¶ PICÍC-C... PrPsCÍP»C-PrP¶CÍPIP°PSPëC... PrPsP·; P±CÍP»Ps P·P°C,,C-PeCÍPsPIP°PSPs P·P°P»PµP¶PSC-CÍC,CH B«PrPsP·P°бґ“PµC,,PµPeC,B». PµPsC¶C-PIPSC¶PSPs C-P· P·P°CÍC,PsCÍCÍPIP°PSPSC¶Pj PîP»P°C¶PµP±Ps P·P±C-P»CHCëPµPSPSC¶ C,C¶PëPIP°P»PsCÍC,C- C,,C-P·PëC¶PSPëC... PSP°PIP°PSC,P°P¶PµPSCH P±CÍP»Ps CÍC,P°C,PëCÍC,PëC¶PSPs P·PSP°C¶CÍC°PëPj Cr C¶P°P·C-

P·P°CÍ'C,PsCÍ'CrPIP°PSPSCÍ CĤP°PSPsP»P°P·PëPSCr PI CrCÍ'C-C... C,CĤCHbPsC... PrPsP·P°C... C- CÍ'C,P°PSPsPIPëP»Ps PIC-Pr 24 CÍ'PµPeCrPSPr PíCĤPëB PrPsP·C- 500 PjPi PrPIC-C±C- PSP° PrPsP±Cr PrPs 46 CÍ'PµPeCrPSPr PíCĤPë PrPsP·C- 1500 PjPi PrPIC-C±C- PSP° PrPsP±Cr, PrPµPjPsPSCÍ'C,CĤCrCĤC±Pë PrPsP·PsP·P°P»PµP¶PSPëPNë PµC,,PµPeC,, PJ C†CHbPsPjCr PrPsCÍ'P»C-PrP¶PµPSPSC- C,CĤPëPIP°P»C-CÍ'C,CH C,,C-P·PëC±PSPëC... PSP°PIP°PSC,P°P¶PµPSCĤ P±CrP»P° PSP°PNëP±C-P»CHbCëPsCĤ PI PiCĤCrPíC- PíCĤPëPNëPsPjCr PrPsP·Pë 1500 PjPi; PsPrPSP°Pe PíCĤPë C†CHbPsPjCr CÍ'PíPsCÍ'C,PµCĤC-PiP°P»PsCÍ'CI PSPµPíCĤPsPíPsCĤC†C-PNëPSPµ PíPsCÍ'PëP»PµPSPSCÍ PíPsP±C-C±PSPëC... CĤPµP°PeC†C-PNë. PÿPsPjCr PrPsP·P° 1500 PjPi PrPIC-C±C- PSP° PrPsP±Cr P±CrP»P° PIPëPeP»CĤC±PµPSP° P· PíPsPrP°P»CHbCëPsPiPs PrPsCÍ'P»C-PrP¶PµPSPSCÍ.

P—P° CĤPµP·CrP»CHbC,P°C,P°PjPë PIPµP»PëPePsPiPs PrPsCÍ'P»C-PrP¶PµPSPSCÍ P· P¶PsCĤCÍ'C,PePëPjPë PeC-PSC†PµPIPëPjPë C,PsC±PeP°PjPë (MERLIN-TIMI 36), PíCĤPsPIPµPrPµPSPsPiPs P·P° CrC±P°CÍ'C,CĤ 6560 PíP°C†C-C"°PSC,C-PI P· P°PµPÿ (PSPµCÍ'C,P°P±C-P»CHbPSP° CÍ'C,PµPSPsPeP°CĤPrC-CÍ/ C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP° P±PµP· PíC-PrPNëPsPjCr CÍ'PµPiPjPµPSC,P° S-T), PSPµ P±CrP»Ps PIPëCÍPIIP»PµPSPs PIC-PrPjC-PSPSPsCÍ'C,PµPNë PjC-P¶ P»C-PeP°CĤCÍ'CHbPePëPj P·P°CÍ'PsP±PsPj P P°PSPµPeCÍ'P°^{B®} C,P° PíP»P°C†PµP±Ps CÍ'C,PsCÍ'PsPIPSPs CĤPëP·PëPeCr CÍ'PjPµCĤC,PSPsCÍ'C,C- P· CrCÍ'C-C... PíCĤPëC±PëPS (CÍ'PíC-PIPIC-PrPSPsCëPµPSPSCÍ CĤPëP·PëPeCr PíCĤPë P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- CĤP°PSPsP»P°P·PëPSCr PrPs CĤPëP·PëPeCr PíCĤPë P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- PíP»P°C†PµP±Ps CÍ'C,P°PSPsPIPëP»Ps 0,99), CĤP°PíC,PsPiPsC— CÍ'PjPµCĤC,C- Cr P·PiPĤ[™] CÍPI·PeCr C-P· CÍ'PµCĤC†PµPIPëPjPë P·P°C...PIPsCĤCHPIP°PSPSCÍPjPë (CÍ'PíC-PIPIC-PrPSPsCëPµPSPSCÍ CĤPëP·PëPeCr PíCĤPë P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- CĤP°PSPsP»P°P·PëPSCr PrPs CĤPëP·PëPeCr PíCĤPë P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- PíP»P°C†PµP±Ps CÍ'C,P°PSPsPIPëP»Ps 0,87) P°P±Ps C±P°CÍ'C,PsC,Pë PIPëPSPëPePSPµPSPSCÍ P°CĤPëC,PjC-PNë, CÍ'PëPjPíC,PsPjPë CÍPIPePëC... P±CrP»Pë P·P°PrPsPeCrPjPµPSC,PsPIP°PSC- (3,0 % PíCĤPsC,Pë 3,1 %) PíCĤPë PrPsPrP°PIP°PSPSC- PrPs CÍ'C,P°PSPrP°CĤC,PSPsC— PjPµPrPëPeP°PjPµPSC,PsP·PSPsC— C,PµCĤP°PíC-C— (PIPeP»CĤC±P°CĤC±Pë P±PµC,P°-P±P»PsPeP°C,PsCĤPë, P±P»PsPeP°C,PsCĤPë PeP°P»CHbC†C-C"°PIPëC... PeP°PSP°P»C-PI, PSC-C,CĤP°C,Pë, P°PSC,PëP°PiCĤPµPiP°PSC,Pë, P»C-PeP°CĤCÍ'CHbPeC- P·P°CÍ'PsP±Pë PrP»CÍ P·PSPëP¶PµPSPSCÍ CĤC-PIPSCÍ P»C-PíC-PrC-PI C,P° C-PSPíC-P±C-C,PsCĤPë PĥPµPα). PµCĤPëP±P»PëP·PSPs Cr PíPsP»PsPIPëPSPë PíP°C†C-C"°PSC,C-PI Cr PrPsCÍ'P»C-PrP¶PµPSPSC- MERLIN-TIMI 36 P±CrP»P° CÍ'C,PµPSPsPeP°CĤPrC-CÍ PI P°PSP°PjPSPµP·C-. P PµP·CrP»CHbC,P°C,Pë PíPsPeP°P·CrCĤC,CH, C°%Ps C,CĤPëPIP°P»C-CÍ'C,CH PíPµCĤPµPSPsCÍ'PëPjPëC... C,,C-P·PëC±PSPëC... PSP°PIP°PSC,P°P¶PµPSCĤ P·P±C-P»CHbCëPëP»P°CÍ'CI PSP° 31 CÍ'PµPeCrPSPrCr Cr PíP°C†C-C"°PSC,C-PI, CÍPIPeC- P·P°CÍ'C,PsCÍ'PsPICrPIP°P»Pë CĤP°PSPsP»P°P·PëPS, PíPsCĤC-PIPSCÍPSPs P· PíP°C†C-C"°PSC,P°PjPë, CÍPIPeC- PsC,CĤPëPjCrPIP°P»Pë PíP»P°C†PµP±Ps (CĤ = 0,002). PÿC-PµC,P»CÍ'CHbPePëPNë PsPíPëC,CrPIP°P»CHbPSPëPe PrP»CÍ C...PIPsCĤPëC... PSP° CÍ'C,PµPSPsPeP°CĤPrC-CĤ PíPsPeP°P·P°PI P·PSP°C±CrC°%PëPNë PIPíP»PëPI CĤP°PSPsP»P°P·PëPSCr PSP° PrPµCÍPIPeC- PíP°CĤP°PjPµC,CĤPë, PIPeP»CĤC±P°CĤC±Pë C±P°CÍ'C,PsC,Cr PSP°PíP°PrC-PI CÍ'C,PµPSPsPeP°CĤPrC-C— (CĤ < 0,001), PíPsCĤC-PIPSCÍPSPs P· PíP»P°C†PµP±Ps.

Pj PePsPSC,CĤPsP»CHbPsPIP°PSC- PeP»C-PSC-C±PSC- PrPsCÍ'P»C-PrP¶PµPSPSCÍ P±CrP»P° PIPeP»CĤC±PµPSP° P»PëCëPµ PSPµPIPµP»PëPeP° PiCĤCrPíP° PíP°C†C-C"°PSC,C-PI, CÍPIPeC- PSPµ PSP°P»PµP¶P°C,CH PrPs C"°PICĤPsPíPµPsC—PrPSPsC— CĤP°CÍ'Pë, C,PsPjCr PIPëCÍ'PSPsPIPePë C°%PsPrPs PµC,,PµPeC,PëPIPSPsCÍ'C,C- C,P° P±PµP·PíPµPePë P·P°CÍ'C,PsCÍ'CrPIP°PSPSCÍ P»C-PeP°CĤCÍ'CHbPePsPiPs P·P°CÍ'PsP±Cr PrP»CÍ C†C-C"°C— PiCĤCrPíPë PíP°C†C-C"°PSC,C-PI PSPµ PjPsP¶CrC,CH P±CrC,Pë P·CĤPsP±P»PµPSC-.

PJ C,,P°P·C- 3 PiPsPrPIC-PN°PSPs CÍP»C-PiPsPiPs PiP»P°C†PμP±Ps-
 PePsPSC,CHPsP»CHPsPIP°PSPsPiPs PeP»C-PSC-C†PSPsPiPs PrPsCÍP»C-PrP¶PμPSPSC¶ (RIVER-
 PCI), PsC¶PSc, P·P° CÍP»C-PSC,PsPIP°PSPsPiPs PSP° PrPsCÍC¶PiPSPμPSPSC¶ PeC-PSC†PμPIPëC...
 C,PsC†PsPe, P·P° CÍP»C-PSC,CH 2604 PiP°C†C-C°PSC,C-PI PIC-PePsPj ≥ 18 CHPsPeC-PI, C¶PeC-
 PjP°P»Pë PI P°PSP°PjPSPμP·C- C...CHPsPSC-C†PSCÍ CÍC,PμPSPsPeP°CHPrC-CH C,P°
 PSPμPiPsPIPSCÍ CHPμPIP°CÍPeCÍP»C¶CHPëP·P°C†C-CH PiC-CÍP»C¶
 C†PμCHPμP·C¶PeC-CHPSPsPiPs PePsCHPsPSP°CHPSPsPiPs PIC,CHCÍP»C-PSPSC¶ (P§P·P'),
 PrPsP·P° P±CÍP»P° PiC-PrPIPëC%PμPSP° PrPs 1000 PjPi PrPIC-C†C- PSP° PrPsP±CÍ. PJ
 PiPμCHPIPëPSPSC-PN° CÍPeP»P°PrPsPIC-PN° PeC-PSC†PμPIPsC— C,PsC†PePë (C†P°CÍ PrPs
 PiPμCHC¶PëC... PsP·PSP°Pe CHPμPIP°CÍPeCÍP»C¶CHPëP·P°C†C-C— PiC-Pr PIPiP»PëPIPsPj
 C-C¶PμPjC-C— C†Pë PiPsCÍPiC-C,P°P»C-P·P°C†C-C—, C%Ps PiPsPiB¶™ C¶P·P°PSP° P·
 C-C¶PμPjC-C°CH, C¶PeP° PSPμ CÍCÍPiCHPsPiPsPrP¶CÍPIP°P»P°CÍCH
 CHPμPIP°CÍPeCÍP»C¶CHPëP·P°C†C-C°CH) PSPμ P±CÍP»Ps PIPëC¶PIP»PμPSPs
 CÍC,P°C,PëCÍC,PëC†PSPs P·PSP°C†CÍC%PsC— CHC-P·PSPëC†C- PjC-P¶ PiCHCÍPiPsCH, C¶PeP°
 PiCHPëPN°PjP°P»P° CHP°PSPsP»P°P·PëPS (26,2 %), C,P° PiCHCÍPiPsCH, C¶PeP°
 PiCHPëPN°PjP°P»P° PiP»P°C†PμP±Ps (28,3 %), CÍPiC-PIPIC-PrPSPsC¶PμPSPSC¶ CHPëP·PëPeCÍ
 0,95, 95 % P°P† 0,82B¶“1,10, p = 0,48. P PëP·PëPe P»PμC,P°P»CHPSPsCÍC,C- P· CÍCÍC-C...
 PiCHPëC†PëPS, CÍPjPμCHC,C- C†PμCHPμP· CÍPμCHC†PμPIPs-CÍCÍPrPëPSPSC-
 P·P°C...PIPsCHCHPIP°PSPSC¶, PIPëPSPëPePSPμPSPSC¶ C,C¶P¶PePëC... PSPμP±P°P¶P°PSPëC...
 CÍPμCHC†PμPIPs-CÍCÍPrPëPSPSPëC... C¶PIPëC% (P¶P¶P¶P·), PiPsCÍPiC-C,P°P»C-P·P°C†C-C—
 P· PiCHPëC†PëPSPë CÍPμCHC†PμPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- P±CÍPI CÍC...PsP¶PëPj
 CÍ PICÍC-C... PiCHCÍPiP°C...; PsPrPSP°Pe C,C¶P¶PeC- PSPμP±P°P¶P°PSC- CÍPμCHC†PμPIPs-
 CÍCÍPrPëPSPSC- C¶PIPëC%P° C†P°CÍC,C-C¶Pμ CÍPiPsCÍC,PμCHC-PiP°P»PëCÍC¶ CÍ
 PiP°C†C-C°PSC,C-PI PIC-PePsPj ≥ 75 CHPsPeC-PI, C¶PeC- PsC,CHPëPjCÍPIP°P»Pë
 CHP°PSPsP»P°P·PëPS, PiPsCHC-PIPsC¶PSPs P· PiP°C†C-C°PSC,P°PjPë PiCHCÍPiPë
 PiP»P°C†PμP±Ps (17,0 % PiCHPsC,Pë 11,3 % PIC-PrPiPsPIC-PrPSPs); PsPeCHC-Pj C†CHPsPiPs,
 CÍPiPsCÍC,PμCHC-PiP°P»PsCÍC¶ P·PSP°C†PSPμ P·P±C-P»CHC¶PμPSPSC¶
 CÍPjPμCHC,PSPsCÍC,C- P· CÍCÍC-C... PiCHPëC†PëPS CÍ PiP°C†C-C°PSC,C-PI PIC-PePsPj ≥ 75
 CHPsPeC-PI (9,2 % PiCHPsC,Pë 5,1 %, CH = 0,074).

PαP°CHPjP°PePsPeC-PSPμC,PëPeP°.

PμC-CÍP»C¶ PiPμCHPsCHP°P»CHPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSC¶ P P°PSPμPeCÍP°^{B®}
 PjP°PeCÍPëPjP°P»CHPSP° PePsPSC†PμPSC,CHP°C†C-C¶ (P¶_{max}) CHP°PSPsP»P°P·PëPSCÍ PI
 PiP»P°P·PjC- PeCHPsPIC-, C¶Pe PiCHP°PIPëP»Ps, CÍPiPsCÍC,PμCHC-PiP°C°C,CHCÍC¶
 C†PμCHPμP· 2B¶“6 PiPsPrPëPS. PμCHPë P·P°CÍC,PsCÍCÍPIP°PSPSC- 2 CHP°P·Pë PSP° PrPsP±CÍ
 CHC-PIPsPiP°P¶PSPëPN° CÍC,P°PS, C¶Pe PiCHP°PIPëP»Ps, PrPsCÍC¶PiP°C°C,CHCÍC¶
 PiCHPsC,C¶PiPsPj 3 PrC-P±.

P'CÍPjPsPeC,CÍPIP°PSPSC¶.

P¶PμCHPμPrPSC¶ P°P±CÍPsP»CHC,PSP° P±C-PsPrPsCÍC,CÍPiPSC-CÍC,CH
 CHP°PSPsP»P°P·PëPSCÍ PiC-CÍP»C¶ PiPμCHPsCHP°P»CHPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSC¶
 C,P°P±P»PμC,PsPe P· PSPμPiP°PN°PSPëPj PIPëPIC-P»CHPSPμPSPSC¶Pj CÍC,P°PSPsPIPëC,CH
 35B¶“50 % P· PIPëCÍPsPePëPj CÍC,CÍPiPμPSPμPj C-PSPrPëPIC-PrCÍP°P»CHPSPsC—
 PIP°CHC-P°C,PëPIPsCÍC,C-. P°C-C¶ P»C-PeP°CHCÍCHPePsPiPs P·P°CÍPsP±CÍ
 P P°PSPμPeCÍP°^{B®} PiPsCÍPëP»CHC°C,CHCÍC¶ P·P°P»PμP¶PSPs PIC-Pr PrPsP·Pë. PμCHPë
 PiC-PrPIPëC%PμPSPSC- PrPsP·Pë P· 500 PrPs 1000 PjPi PrPIP° CHP°P·Pë PSP° PrPsP±CÍ
 CÍPiPsCÍC,PμCHC-PiP°C°C,CHCÍC¶ 2,5B¶“3-CHP°P·PsPIPμ PiC-PrPIPëC%PμPSPSC¶ AUC CÍ
 CHC-PIPsPiP°P¶PSPsPjCÍ CÍC,P°PSC-. PJ C,,P°CHPjP°PePsPeC-PSPμC,PëC†PSPsPjCÍ
 PrPsCÍP»C-PrP¶PμPSPSC- P·P° CÍC†P°CÍC,CH P·PrPsCHPsPiPëC... PrPsP±CHPsPiPsP»CHC†C-PI

$C\bar{H}C-PIPSPsPIP^{\circ}P\bar{P}PSP^{\circ}$ $PePsPSC\bar{P}P\mu PSC, C\bar{H}P^{\circ}C\bar{P}C-C\bar{P}$ $P\check{Y}_{max}$ $C\bar{P}C, P^{\circ}PSPsPIP\bar{P}P^{\circ}PI$
 $C\bar{P}P\mu C\bar{H}P\mu PrPSC\bar{H}PsPjC\bar{r}$ $PiC\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 1770 (SD 1040) $PSPi/PjP\rangle$, $C\bar{r}$
 $C\bar{H}C-PIPSPsPIP^{\circ}P\bar{P}PSPsPjC\bar{r}$ $C\bar{P}C, P^{\circ}PSC-$ AUC_{0-12} $C\bar{P}C, P^{\circ}PSPsPIP\bar{P}P^{\circ}PI$
 $C\bar{P}P\mu C\bar{H}P\mu PrPSC\bar{H}PsPjC\bar{r}$ 13700 (SD 8290) $PSPi \times PiPsPr/PjP\rangle$ $PiC-C\bar{P}P\rangle C\bar{P}$
 $P\cdot P^{\circ}C\bar{P}C, PsC\bar{P}C\bar{r}PIP^{\circ}PSPSC\bar{P}$ $P\rangle C-PeP^{\circ}C\bar{H}C\bar{H}PePsPiPs$ $P\cdot P^{\circ}C\bar{P}Ps\pm C\bar{r}$ $PiPs$ 500 $PjPi$ $PrPIC-C\bar{P}C-$
 PSP° $PrPsP\pm C\bar{r}$. $P\mu C\bar{H}P\bar{P}P\bar{N}PsPj$ $C-P\bar{P}C-$ $PSP\mu$ $PIP\bar{P}P\rangle P\bar{P}PIP^{\circ}C$ PSP° $C\bar{P}PIP\bar{P}PrPeC-C\bar{P}C, C\bar{H}$ C, P°
 $PiPsPIPSPsC, C\bar{r}$ $PIC\bar{P}PjPsPeC, C\bar{r}PIP^{\circ}PSPSC\bar{P}$ $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$.

P $PsP\cdot PiPsPrC-P\rangle$.

$P\mu C\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 62 % $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$ $P\cdot Pi\bar{H}^{\text{TM}}$ $C\bar{P}P\cdot C\bar{r}C$ $C, C\bar{H}C\bar{P}C\bar{P}$ $P\cdot$
 $PiC\bar{H}PsC, P\mu C-PSP^{\circ}PjP\bar{P}$ $PiP\rangle P\cdot P\cdot PjP\bar{P}$ $PeC\bar{H}PsPIC-$, $PiP\mu C\bar{H}P\mu PIP^{\circ}P\bar{P}PSPs$ $P\cdot P^{\circ}P\rangle C\bar{H}C,$ $P^{\circ}-1$
 $PeP\bar{P}C\bar{P}P\rangle P\bar{P}Pj$ $PiP\rangle C-PePsPiC\bar{H}PsC, P\mu C-PSPsPj$ $C-$ $C\bar{P}P\rangle P^{\circ}P\pm Ps$ $P\cdot P^{\circ}P\rangle C\bar{H}P\pm C\bar{r}PjC-PSPsPj$.
 $P\check{Y}P\mu C\bar{H}P\mu PrPSC-PN\bar{P}$ $PsP\pm\bar{H}^{\text{TM}}$ C Pj $C\bar{H}PsP\cdot PiPsPrC-P\rangle C\bar{r}$ PI $C\bar{H}C-PIPSPsPIP^{\circ}P\bar{P}PSPsPjC\bar{r}$
 $C\bar{P}C, P^{\circ}PSC-$ (V_{ss}) $C\bar{P}C, P^{\circ}PSPsPIP\bar{P}C, C\bar{H}$ $PiC\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 180 $P\rangle$.

$P\cdot P\bar{P}PIP\mu PrP\mu PSPSC\bar{P}$.

P $P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PS$ $PIP\bar{P}IPsPrP\bar{P}C, C\bar{H}C\bar{P}C\bar{P}$ $PiPsP\rangle PsPIPSP\bar{P}Pj$ $C\bar{P}P\bar{P}PSPsPj$
 $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C\bar{P}PSP\bar{P}Pj$ $C\bar{P}P\rangle C\bar{P}C...PsPj$. $P\bar{H}P\mu PSC\bar{P}\bar{P}\mu$ 5% $PrPsP\cdot P\bar{P}$
 $PIP\bar{P}PrC-P\rangle C\bar{P}C$ $C, C\bar{H}C\bar{P}C\bar{P}$ $C-P$. $C\bar{P}P\mu C\bar{P}P\mu C\bar{H}$ $C-$ $PeP^{\circ}P\rangle PsPj$ $C\bar{r}$ $PSP\mu P\cdot PjC-PSP\mu PSPsPjC\bar{r}$
 $PIP\bar{P}PiP\rangle C\bar{P}PrC-$. $P\mu C-C\bar{P}P\rangle C\bar{P}$ $PiP\mu C\bar{H}PsC\bar{H}P^{\circ}P\rangle C\bar{H}PSPsPiPs$ $P\cdot P^{\circ}C\bar{P}C, PsC\bar{P}C\bar{r}PIP^{\circ}PSPSC\bar{P}$
 $PsPrPSPsC\bar{H}P^{\circ}P\cdot PsPIPsC-$ $PrPsP\cdot P\bar{P}$ 500 $PjPi$ $PjC-C\bar{P}P\mu PSPsPiPs$ $C\bar{H}P^{\circ}PrC-PsP^{\circ}PeC, P\bar{P}PIPSP\bar{P}Pj$
 $PIC\bar{r}PiP\rangle P\mu C\bar{P}P\mu Pj$ [^{14}C] $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$ $C\bar{r}$ $P\cdot PrPsC\bar{H}PsPIP\bar{P}C...$
 $PrPsP\pm C\bar{H}PsPIP\bar{P}P\rangle C\bar{H}C\bar{P}C-PI$ 73% $C\bar{H}P^{\circ}PrC-PsP^{\circ}PeC, P\bar{P}PIPSPsC\bar{P}C, C-$
 $PIP\bar{P}P\cdot PSP^{\circ}C\bar{P}P^{\circ}C, C\bar{H}C\bar{P}C\bar{P}$ PI $C\bar{P}P\mu C\bar{P}C-$ C, P° 25 % $C\bar{r}$ $PeP^{\circ}P\rangle C-$. $P\bar{H}P\rangle C-C\bar{H}P\mu PSC\bar{P}$
 $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$ $P\cdot P^{\circ}P\rangle P\mu P\bar{P}P\bar{P}C, C\bar{H}$ $PIC-Pr$ $PrPsP\cdot P\bar{P}$ $C-$ $P\cdot PSP\bar{P}P\bar{P}C\bar{P}C, C\bar{H}C\bar{P}C\bar{P}$
 $PiC\bar{H}P\bar{P}$ $C-C-$ $PiC-PrPIP\bar{P}C\%P\mu PSPSC-$. $P\mu P\mu C\bar{H}C-PsPr$ $PSP^{\circ}PiC-PIPIP\bar{P}PIP\mu PrP\mu PSPSC\bar{P}$
 $C\bar{P}C, P^{\circ}PSPsPIP\bar{P}C, C\bar{H}$ $PiC\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 2 $\bar{H}^{\text{TM}}$ 3 $PiPsPrP\bar{P}PSP\bar{P}$ $PiC-C\bar{P}P\rangle C\bar{P}$
 $PIPSC\bar{r}C, C\bar{H}C-C\bar{P}SCH\bar{H}PsPIP\mu PSPSPsPiPs$ $PIPIP\mu PrP\mu PSPSC\bar{P}$. $P\check{Y}P\mu C\bar{H}PjC-PSP^{\circ}P\rangle C\bar{H}PSP\bar{P}P\bar{N}$
 $PiP\mu C\bar{H}C-PsPr$ $PSP^{\circ}PiC-PIPIP\bar{P}PIP\mu PrP\mu PSPSC\bar{P}$ $C\bar{r}$ $C\bar{H}C-PIPSPsPIP^{\circ}P\bar{P}PSPsPjC\bar{r}$ $C\bar{P}C, P^{\circ}PSC-$
 $PiC-C\bar{P}P\rangle C\bar{P}$ $PiP\mu C\bar{H}PsC\bar{H}P^{\circ}P\rangle C\bar{H}PSPsPiPs$ $P\cdot P^{\circ}C\bar{P}C, PsC\bar{P}C\bar{r}PIP^{\circ}PSPSC\bar{P}$ $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$
 $C\bar{P}C, P^{\circ}PSPsPIP\bar{P}C, C\bar{H}$ $PiC\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 7 $PiPsPrP\bar{P}PS$ $C\bar{P}P\mu C\bar{H}P\mu P\cdot$ $PsP\pm PjP\mu P\bar{P}P\mu PSC\bar{r}$
 $C\bar{P}PIP\bar{P}PrPeC-C\bar{P}C, C\bar{H}$ $P^{\circ}P\pm C\bar{P}PsC\bar{H}P\pm C\bar{P}C-C-$.

-

$P\cdot C-PsC, C\bar{H}P^{\circ}PSC\bar{P}C, PsC\bar{H}PjP^{\circ}C\bar{P}C-C\bar{P}$.

P $P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PS$ $P\cdot P^{\circ}P\cdot PSP^{\circ}C$ $C\bar{P}PIP\bar{P}PrPePsC-$ C, P° $PjP^{\circ}C\bar{P}C\bar{P}C, P^{\circ}P\pm PSPsC-$
 $PjP\mu C, P^{\circ}P\pm PsP\rangle C-P\cdot P^{\circ}C\bar{P}C-C-$. Pj $PjPsP\rangle PsPrP\bar{P}C...$ $P\cdot PrPsC\bar{H}PsPIP\bar{P}C...$ $PrPsC\bar{H}PsC\bar{P}P\rangle P\bar{P}C...$
 $PiC-C\bar{P}P\rangle C\bar{P}$ $PsPrPSPsC\bar{H}P^{\circ}P\cdot PsPIP\bar{P}PiPs$ $PiP\mu C\bar{H}PsC\bar{H}P^{\circ}P\rangle C\bar{H}PSPsPiPs$
 $P\cdot P^{\circ}C\bar{P}C, PsC\bar{P}C\bar{r}PIP^{\circ}PSPSC\bar{P}$ 500 $PjPi$ [^{14}C] $C\bar{H}P^{\circ}PSPsP\rangle P\cdot P\cdot P\bar{P}PSC\bar{r}$ $PiC\bar{H}P\bar{P}P\pm P\rangle P\bar{P}P\cdot PSPs$ 13 %
 $C\bar{H}P^{\circ}PrC-PsP^{\circ}PeC, P\bar{P}PIPSPsC\bar{P}C, C-$ $PIP\bar{P}C\bar{P}PIP\rangle C\bar{P}C$ $C, C\bar{H}C\bar{P}C\bar{P}$ $C\bar{r}$ $PiP\rangle P\cdot P\cdot PjC-$.

$P\cdot P\mu P\rangle P\bar{P}PeP^{\circ}$ $PeC-P\rangle C\bar{H}PeC-C\bar{P}C, C\bar{H}$ $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C, C-PI$ $P\pm C\bar{r}P\rangle P^{\circ}$ $PIP\bar{P}C\bar{P}PIP\rangle P\mu PSP^{\circ}$ $C\bar{r}$
 $PiP\rangle P\cdot P\cdot PjC-$ $PeC\bar{H}PsPIC-$ $P\rangle C\bar{H}PrP\bar{P}PSP\bar{P}$ (47 $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C, C-PI$), $C\bar{P}P\mu C\bar{P}C-$ (> 100
 $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C, C-PI$) C, P° $PeP^{\circ}P\rangle C-$ (25 $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C, C-PI$). $P\cdot C\bar{r}P\rangle Ps$
 $PIP\bar{P}P\cdot PSP^{\circ}C\bar{P}P\mu PSPs$ 14 $PsC\bar{P}PSPsPIPSP\bar{P}C...$ $PjP\mu C, P^{\circ}P\pm PsP\rangle C-C\bar{P}PSP\bar{P}C...$ $C\bar{P}P\rangle C\bar{P}C...C-PI$,
 $C\bar{P}P\mu C\bar{H}P\mu Pr$ $C\bar{P}PeP\bar{P}C...$ $P\bar{H}-PrP\mu PjP\mu C, P\bar{P}P\rangle C\bar{H}PIP^{\circ}PSPSC\bar{P}$ C, P° $N-$
 $PrP\mu P^{\circ}P\rangle PeC-P\rangle C\bar{r}PIP^{\circ}PSPSC\bar{P}$ C $PSP^{\circ}PN\bar{P}PIP^{\circ}P\bar{P}P\rangle P\bar{P}PIC-C\bar{P}P\bar{P}PjP\bar{P}$. $P^{\circ}PsC\bar{P}P\rangle C-PrP\bar{P}P\mu PSPSC\bar{P}$,
 $PiC\bar{H}PsPIP\mu PrP\mu PSC-$ *in vitro* $P\cdot$ $PIP\bar{P}PePsC\bar{H}P\bar{P}C\bar{P}C, P^{\circ}PSPSC\bar{P}Pj$ $PjC-PeC\bar{H}PsC\bar{P}PsPj$

P»CĤPrCÍCHbPePsC— PĭPμC†C-PSPePë, P·P°CÍPIC-PrC†PëP»Pë, C%Ps CĤP°PSPsP»P°P·PëPS PjPμC,P°P±PsP»C-P·CÍC”C,CHbCÍCĬ PĭPsP»PsPIPSPëPj C†PëPSPsPj CYP3Pĥ4, P° C,P°PePsP¶ CYP2D6. PĥCĤPë P·P°CÍC,PScÍCÍPIP°PSPSC- 500 PjPĭ CĤP°PSPsP»P°P·PëPSCÍ 2 CĤP°P·Pë PSP° PrPsP±CÍ CÍ P»CĤPrPμPNē P· PSPμPrPsCÍC,P°C,PSCĤbPsCĤ P°PeC,PëPIPSC-CÍC,CĤ CYP2D6 (PĭPsPIC-P»CHbPSC- PjPμC,P°P±PsP»C-P·P°C,PScĤPë) PĭPsPeP°P·PSPëPe AUC PĭPμCĤPμPIPëC%CÍC” P°PSP°P»PsPiC-C†PSPëPNē CÍ P»CĤPrPμPNē P· PSPsCĤPjP°P»CHbPSPsCĤ P°PeC,PëPIPSC-CÍC,CĤ CYP2D6 (C€PIPëPrPeC- PjPμC,P°P±PsP»C-P·P°C,PScĤPë) PSP° 62 %. P’C-PrPĭPsPIC-PrPSP° CĤC-P·PSPëC†CĬ PrP»CĬ PrPsP·Pë 1000 PjPĭ PrPIC-C†C- PSP° PrPsP±CÍ CÍC,P°PSPsPIPëP»P° 25 %.

PhCÍPsP±P»PëPIC- PiCĤCáPiPë PĭP°C†C-C”PSC,C-PI.

P’PĭP»PëPI CĤC-P·PSPëC... C,,P°PeC,PScĤC-PI PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ CĤP°PSPsP»P°P·PëPSCÍ P±CÍP»Ps PsC†C-PSPμPSPs PI PĭPsPĭCÍP»CĬC†C-PNēPSPsPjCÍ C,,P°CĤPjP°PePsPeC-PSPμC,PëC†PSPsPjCÍ PrPsCÍP»C-PrP¶PμPSPSC- P·P° CÍC†P°CÍC,CĤ 928 PĭP°C†C-C”PSC,C-PI P·C- CÍC,PμPSPsPeP°CĤPrC-C”CĤ C,P° P·PrPsCĤPsPIPëC... PsCÍC-P±.

P’PĭP»PëPI CÍC,P°C,C-.

PŸC,P°C,CHb PSPμ PjP°C” PSC-CĬPePsPiPs PeP»C-PSC-C†PSPsPiPs PIPĭP»PëPICÍ PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëC†PSC- PĭP°CĤP°PjPμC,CĤPë.

PμP°C†C-C”PSC,Pë P»C-C,PSCĤbPsPiPs PIC-PeCÍ.

P>PëC€Pμ PsPrPëPS PIC-Pe PSPμ PjP°C” PSC-CĬPePsPiPs PeP»C-PSC-C†PSPsPiPs PIPĭP»PëPICÍ PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëC†PSC- PĭP°CĤP°PjPμC,CĤPë, PsPrPSP°Pe CÍ C...PIPsCĤPëC... P»C-C,PSCĤbPsPiPs PIC-PeCÍ PjPsP¶P»PëPIPμ PĭPsCÍPëP»PμPSPSCĬ PrC-C— CĤP°PSPsP»P°P·PëPSCÍ C†PμCĤPμP· PIC-PePsPIPμ P·PSPëP¶PμPSPSCĬ C,,CÍPSPeC†C-C— PSPëCĤPsPe.

PĥP°CÍP° C,C-P»P°.

P’ PsCÍC-P± P· PjP°CÍPsCĤ C,C-P»P° 40 PePi PIPĭP»PëPI CĤP°PSPsP»P°P·PëPSCÍ PĭCĤPëP±P»PëP·PSPs PI 1,4 CĤP°P·P° P±C-P»CHbC€PëPNē, PSC-P¶ CÍ PsCÍC-P± P· PjP°CÍPsCĤ C,C-P»P° 70 PePi.

P—P°CÍC,C-PNēPSP° CÍPμCĤC†PμPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CHb (P—PŸPĥ).

P—PŸPĥ PeP»P°CÍC-PI NYHA IIIbĤ“IV PĭCĤPëP·PIPsPrPëC,CHb PrPs PĭC-PrPIPëC%PμPSPSCĬ PePsPSC†PμPSC,CĤP°C†C-C— CĤP°PSPsP»P°P·PëPSCÍ PI PĭP»P°P·PjC- PeCĤPsPIC- PĭCĤPëP±P»PëP·PSPs PI 1,3 CĤP°P·P°.

PĥPëCĤPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CHb.

PĥCĤPsPIPμPrPμPSC- PrPsCÍP»C-PrP¶PμPSPSCĬ PIPĭP»PëPICÍ PSPëCĤPePsPIPsC— C,,CÍPSPeC†C-C— PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ CĤP°PSPsP»P°P·PëPSCÍ P·P°CÍPIC-PrC†PëP»Pë, C%Ps CÍ C...PIPsCĤPëC... P· P»PμPiPePsCĤ, PĭPsPjC-CĤPSPsCĤ P°P±Ps C,CĬP¶PePsCĤ PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ PĭPsPeP°P·PSPëPe AUC CĤP°PSPsP»P°P·PëPSCÍ P±CÍPI CÍ CÍPμCĤPμPrPSCĤbPsPjCÍ PI 1,7bĤ“2 CĤP°P·Pë PIPëC%PëPj, PSC-P¶ PI PsCÍC-P± P· PSPsCĤPjP°P»CHbPSPsCĤ C,,CÍPSPeC†C-C”CĤ PSPëCĤPsPe. PŸP°PePsP¶ P±CÍP»P° PIC-PrPjC-C†PμPSP° P·PSP°C†PSP° C-PSPPrPëPIC-PrCÍP°P»CHbPSP° PIP°CĤC-P°C,PëPIPSC-CÍC,CHb PIPμP»PëC†PëPSPë AUC CÍ PrPsCÍP»C-PrP¶CÍPIP°PSPëC... PsCÍC-P± P· PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ. AUC PjPμC,P°P±PsP»C-C,C-PI

ΠῖC-PrPIPēC%oCfC" C, CHCfCfC ΠῖCῖPē P·PSPēP¶PμPSPSC- C,,CfPSPeC†C-C— PSPēCῖPsPe.
PμPsPeP°P·PSPēPe AUC PsPrPSPsPiPs P· C,,P°CῖPjP°PePsP»PsPiC-C†PSPs P°PeC,PēPIPSPeC...
PjPμC,P°P±PsP»C-C,C-PI CῖP°PSPsP»P°P·PēPSCf Cf ΠῖP°C†C-C" PSC,C-PI P· C,CfP¶PePsCῖ
PSPēCῖPePsPIPsCῖ PSPμPrPsCfC,P°C,PSC-CfC,Cῖ P±CfPI ΠῖC-PrPIPēC%oPμPSPēPNē Cf 5
CῖP°P·C-PI.

PμC-Pr C†P°Cf ΠῖPsPiCfP»CfC†C-PNēPSPsPiPs C,,P°CῖPjP°PePsPeC-PSPμC,PēC†PSPsPiPs
P°PSP°P»C-P·Cf P±CfP»Ps PIPēCfPIIP»PμPSPs ΠῖPsCfPēP»PμPSPSCf PIPiP»PēPICf
CῖP°PSPsP»P°P·PēPSCf PI 1,2 CῖP°P·P° Cf C...PIPsCῖPēC... P· ΠῖPsPjC-CῖPSPsCῖ
PSPēCῖPePsPIPsCῖ PSPμPrPsCfC,P°C,PSC-CfC,Cῖ (PeP»C-CῖPμPSCf PeCῖPμP°C,PēPSC-PSCf
40 PjP»/C...PI). Pj P»CῖPrPμPNē P· C,CfP¶PePsCῖ PSPēCῖPePsPIPsCῖ
PSPμPrPsCfC,P°C,PSC-CfC,Cῖ (PeP»C-CῖPμPSCf PeCῖPμP°C,PēPSC-PSCf 10Bῖ"30 PjP»/C...PI)
P±CfP»Ps PIPēCfPIIP»PμPSPs ΠῖPsCfPēP»PμPSPSCf PIPiP»PēPICf CῖP°PSPsP»P°P·PēPSCf PI
1,3Bῖ"1,8 CῖP°P·P°.

P'ΠῖP»PēPI PrC-P°P»C-P·Cf PSP° C,,P°CῖPjP°PePsPeC-PSPμC,PēPeCf CῖP°PSPsP»P°P·PēPSCf
PSPμ PsC†C-PSCῖPIP°PICfCf.

PμPμC†C-PSPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH.

PαP°CῖPjP°PePsPeC-PSPμC,PēPeCf CῖP°PSPsP»P°P·PēPSCf P±CfP»Ps PsC†C-PSPμPSPs Cf
ΠῖP°C†C-C" PSC,C-PI P· ΠῖPμC†C-PSPePsPIPsCῖ PSPμPrPsCfC,P°C,PSC-CfC,Cῖ PIC-Pr
P»PμPiPePsPiPs PrPs CfPμCῖPμPrPSCῖPsPiPs CfC,CfΠῖPμPSCf C,CfP¶PePsCfC,C-. P"°PSC-
C%oPsPrPs P·P°CfC,PsCfCfPIP°PSPSCf CῖP°PSPsP»P°P·PēPSCf ΠῖP°C†C-C" PSC,P°Pj P·
C,CfP¶PePsCῖ ΠῖPμC†C-PSPePsPIPsCῖ PSPμPrPsCfC,P°C,PSC-CfC,Cῖ PIC-PrCfCfC,PSC-. Pj
ΠῖP°C†C-C" PSC,C-PI P· ΠῖPμC†C-PSPePsPIPsCῖ PSPμPrPsCfC,P°C,PSC-CfC,Cῖ P»PμPiPePsPiPs
CfC,CfΠῖPμPSCf C,CfP¶PePsCfC,C- PIPμP»PēC†PēPSP° AUC CῖP°PSPsP»P°P·PēPSCf PSPμ
P·PjC-PSCῖPIP°P»P°CfCῖ, P° Cf ΠῖP°C†C-C" PSC,C-PI P· ΠῖPμC†C-PSPePsPIPsCῖ
PSPμPrPsCfC,P°C,PSC-CfC,Cῖ CfPμCῖPμPrPSCῖPsPiPs CfC,CfΠῖPμPSCf C,CfP¶PePsCfC,C-
PIPμP»PēC†PēPSP° AUC ΠῖC-PrPIPēC%oCfPIP°P»P°CfCῖ PI 1,8 CῖP°P·P°. Pj C,P°PePēC...
C...PIPsCῖPēC... P±CfP»Ps P±C-P»CHC€ PIPēCῖP°P¶PμPSPμ P·P±C-P»CHC€PμPSPSCf
C-PSC,PμCῖPIP°P»Cf QT.

P"C-C,Pē.

PαP°CῖPjP°PePsPeC-PSPμC,PēC†PSC- ΠῖP°CῖP°PjPμC,CῖPē CῖP°PSPsP»P°P·PēPSCf Cf
PrC-C,PμPNē (< 18 CῖPsPeC-PI) PSPμ PIPēPIC†P°P»PēCfCf.

P"PsPeP»C-PSC-C†PSC- PrP°PSC- P· P±PμP·ΠῖPμPePē.

PμPsP±C-C†PSC- CῖPμP°PeC†C-C— PSP° P·P°CfC,PsCfCfPIP°PSPSCf CῖP°PSPsP»P°P·PēPSCf,
C%oPs PSPμ CfΠῖPsCfC,PμCῖC-ΠῖP°P»PēCfCῖ Cf PeP»C-PSC-C†PSPēC...
PrPsCfP»C-PrP¶PμPSPSCfC..., P°P»Pμ PIPēCfPIIP»CfP»PēCfCῖ Cf C,PIP°CῖPēPS Cf
PIPēPiP»CfPrC- PrC-C—, ΠῖPsPrC-P±PSPsC— PrPs PeP»C-PSC-C†PSPsPiPs PIPiP»PēPICf:B
CfCfPrPsPjPē C,P° P·P±C-P»CHC€PμPSPSCf CfPjPμCῖC,PSPsCfC,C- Cf C%oCfCῖC-PI C-
CfPsP±P°Pe ΠῖCῖPē PePsPSC†PμPSC,CῖP°C†C-C— CῖP°PSPsP»P°P·PēPSCf Cf ΠῖP»P°P·PjC-
PeCῖPsPIC-, ΠῖCῖPēP±P»PēP·PSPs PI 3 CῖP°P·Pē PIPēC%oC-PNē, PSC-P¶
P·P·ΠῖCῖPsΠῖPsPSPsPIP°PSP° PjP°PeCfPēPjP°P»CHPSP° PeP»C-PSC-C†PSP° PrPsP·P°.

P"PsCfP»C-PrP¶PμPSPSCf C...CῖPsPSC-C†PSPsC— C,PsPeCfPēC†PSPsCfC,C- Cf C%oCfCῖC-PI
ΠῖPsPeP°P·P°P»Pē PIP·P°C"PjPsP·PIBῖ™ CfP·PsPe P»C-PeCfPIP°PSPSCf P·C- P·PjC-PSP°PjPē Cf

PSP°PrPSPëCĤPePsPIPëC... P·P°P»PsP·P°C... PïCĤPë PµPeCĬPïPsP·PëC†C-C—, C%Ps
PSPµP·PSP°C†PSPs PïPµCĤPµPIPëC%CrC” P°PSP°P»PsPiC-C†PSPëPNë PïPsPeP°P·PSPëPe Cr
PeP»C-PSC-C†PSPëC... PïP°C†C-C”PSC,C-PI. P|PµPNë PµC,,PµPeC, PïPsPIБĤ™ CĬP·P°PSPëPNë P·
PïC-PrPIPëC%PµPSPSCĬPj PePsPSC†PµPSC,CĤP°C†C-C— C...PsP»PµCĬC,PµCĤPëPSCr PI
PïP»P°P·PjC- PeCĤPsPIC-. PĥPSP°P»PsPiC-C†PSPëC... P·PjC-PS Cr P»CĤPrPëPSPë PSPµ
PIPëCĬPIP»PµPSPs. Pj P»CĤPrPëPSPë PSPµ PIC-PrPjC-C†PµPSPs P¶PsPrPSPsPiPs PIPïP»PëPICr
PSP° P°PrCĤPµPSPsPePsCĤC,PëPeP°P»CĤPSCr PIC-CĬCĤ.

Pj PrPsPIPiPsCĬC,CĤPsPePsPIPëC... PrPsCĬP»C-PrP¶PµPSPSCĬC...
PeP°PSC†PµCĤPsPiPµPSPSPsCĬC,C- PïCĤPë PrPsP·P°C... CĤP°PSPsP»P°P·PëPSCr PrPs
50 PjPi/PePi/PrPsP±Cr (150 PjPi/Pj²/PrPsP±Cr) Cr PjPëC€PµPNë C,P° 150 PjPi/PePi/PrPsP±Cr (900
PjPi/Pj²/PrPsP±Cr) Cr C%CrCĤC-PI PSPµ CĬPïPsCĬC,PµCĤC-PiP°P»PsCĬCĬ P¶PsPrPSPsPiPs
P·PSP°C†CrC%PsPiPs PïC-PrPIPëC%PµPSPSCĬ C†P°CĬC,PsC,Pë PIPëPSPëPePSPµPSPSCĬ
PïCrC...P»PëPS P±CrPrCĤ-CĬPePsPiPs C,PëPïCr. P|C- PrPsP·Pë CĬC,P°PSPsPIP»CĬC,CĤ 0,1 C,P°
0,8 PIC-PrPïPsPIC-PrPSPs PIC-Pr PjP°PeCĬPëPjP°P»CĤPSPsC—
CĤPµPePsPjPµPSPPrPsPIP°PSPsC— PrPsP·Pë PrP»CĬ P»CĤPrPëPSPë, C%Ps PrPsCĤC-PIPSCĤC”
2 Pi PSP° PjPi/Pj², C- C” PjP°PeCĬPëPjP°P»CĤPSPs PïPµCĤPµPSPsCĬPëPjPëPjPë PrPsP·P°PjPë
PrP»CĬ C†PëC... PIPëPrC-PI.

Pj CĬP°PjC†C-PI C- CĬP°PjPsPe C%CrCĤC-PI PïPµCĤPsCĤP°P»CĤPSPµ PIPiPµPrPµPSPSCĬ
CĤP°PSPsP»P°P·PëPSCr, C%Ps CĬPïCĤPëC†PëPSCĬP»Ps PïC-PrPIPëC%PµPSPSCĬ
PïPsPeP°P·PSPëPeP° AUC PIC-PrPïPsPIC-PrPSPs Cr 3,6 P°P±Ps PI 6,6 CĤP°P·P°
PïPsCĤC-PIPSCĬPSPs P· PsC†C-PeC†PIP°PSPëPj Cr P»CĤPrPµPNë, PSPµ PIPïP»PëPIP°P»Ps PSP°
C,,PµCĤC,PëP»CĤPSC-CĬC,CĤ.

P”PsCĬP»C-PrP¶PµPSPSCĬ PµPjP±CĤC-PsC,,PµC,PsC,PsPeCĬPëC†PSPsCĬC,C-
PïCĤPsPiPsPrPëP»Pë PSP° C%CrCĤP°C... C- PeCĤPsP»CĬC.... PµCĤPë CĤC-PIPSC-
PµPeCĬPïPsP·PëC†C-C— (AUC) CĤP°PSPsP»P°P·PëPSCr PI PïP»P°P·PjC- PeCĤPsPIC- CĬP°PjPePë,
PïPsPrC-P±PSPsPjCr PrPs PsC†C-PeC†PIP°PSPëC... CĤC-PIPSC-PI Cr P»CĤPrPëPSPë,
P¶PsPrPSPsPiPs PIPïP»PëPICr PSP° PïPsC,PsPjCĬC,PIPs Cr PeCĤPsP»C-PI PSPµ
PIC-PrP·PSP°C†P°P»PsCĬCĬ. Pj C%CrCĤC-PI PïCĤPë CĤC-PIPSC- PµPeCĬPïPsP·PëC†C-C—
(AUC) Cr CĬP°PjPePë, C%Ps Cr 2 CĤP°P·Pë PïPµCĤPµPIPëC%CrPIP°PI PsC†C-PeC†PIP°PSPëPNë
CĤC-PIPµPSCĤ Cr P»CĤPrPëPSPë, PSPµ P±CrP»Ps P·P°C,,C-PeCĬPsPIP°PSPs P¶PsPrPSPëC...
PSP°CĬP»C-PrPeC-PI PrP»CĬ PïPsC,PsPjCĬC,PIP°, P°P»Pµ PePsP»Pë PµPeCĬPïPsP·PëC†C-CĬ Cr
CĬP°PjPePë Cr 7,5 CĤP°P·P° PïPµCĤPµPIPëC%CrPIP°P»P° PïPsPeP°P·PSPëPePë,
PsC,CĤPëPjP°PSC- Cr P»CĤPrPµPNë, CĬPïPsCĬC,PµCĤC-PiP°P»PsCĬCĬ P·PjPµPSC€PµPSPSCĬ
PjP°CĬPë PïP»PsPrP° C,P° PsCĬP»P°P±P»PµPSPSCĬ PïCĤPsC†PµCĬCr PsCĬPëC,,C-PeP°C†C-C—.
PĥPsP»Pë PµPeCĬPïPsP·PëC†C-CĬ Cr PiPsPrC†CĤC†PëC... CĬP°PjPsPe PI 1,3 CĤP°P·P°
PïPµCĤPµPIPëC%CrPIP°P»P° PsC†C-PeC†PIP°PSPëPNë CĤC-PIPµPSCĤ Cr P»CĤPrPµPNë,
PïPsCĬC,PSP°C,P°P»CĤPSPsC— CĬPjPµCĤC,PSPsCĬC,C- PïPsC,PsPjCĬC,PIP° PSPµ P±CrP»Ps
P·P°C,,C-PeCĬPsPIP°PSPs, C,PsPrC- CĬPe PïCĤPë 3-CĤP°P·PsPIPsPjCr
PïPµCĤPµPIPëC%PµPSPSC- PµPeCĬPïPsP·PëC†C-C— P±CrP»Ps P·P°C,,C-PeCĬPsPIP°PSPs
PïPsCĬC,PSP°C,P°P»CĤPSCr CĬPjPµCĤC,PSC-CĬC,CĤ C- PsPrPSPsC†P°CĬPSPs P±CrP»Ps
PrPsPIPµPrPµPSPs PïPsC,CĤP°PïP»CĬPSPSCĬ CĤP°PSPsP»P°P·PëPSCr PI PjPsP»PsPePs
C%CrCĤC-PI. P-PsPrPSPëC... PïPsP±C-C†PSPëC... CĤPµP°PeC†C-PNë Cr
PSPsPiPsPSP°CĤPsPrP¶PµPSPsPiPs PïPsC,PsPjCĬC,PIP° C%CrCĤC-PI PSPµ
CĬPïPsCĬC,PµCĤC-PiP°P»PsCĬCĬ PïCĤPë CĤC-PIPSCĬC... PµPeCĬPïPsP·PëC†C-C—,
PïPsPrC-P±PSPëC... PrPs C,P°PePëC... Cr P»CĤPrPµPNë.

PĥP»C-PSC-C†PSC- C...P°CĤP°PeC,PµCĤPëCĬC,PëPePë.

PuPsPeP°P·P°PSPSCII.

P>C-PeCrPIP°PSPSCII CÍC,P°P±C-P»CHbPSPsC— CÍC,PuPSPsPeP°CḡPrC-C—.

PuCḡPsC,PëPiPsPeP°P·P°PSPSCII.

- P°C-PiPμCḡC±CÍC,P»PëPIC-CÍC,CH PrPs PrC-CḡC±PsC— CḡPμC±PsPIPëPSPë P°P±Ps PrPs P±CÍPrCHb-CIIPePsC— PrPsPiPsPjC-P¶PSPsC— CḡPμC±PsPIPëPSPë PiCḡPμPiP°CḡP°C,CÍ,C%oPs PiPμCḡPμP»C-C±PμPSC- CÍ CḡPsP·PrC-P»C- B«PŸPeP»P°PrB».
- PŸCIIP¶PeC- PSPëCḡPePsPIC- PiPsCḡCÍC€PμPSPSCII (PeP»C-CḡPμPSCÍ PeCḡPμP°C,PëPSC-PSCÍ < 30 PjP»/C...PI) (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCII C,P° PrPsP·PëB» C,P° B«P°P°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).
- PμPμC±C-PSPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH CÍPμCḡPμPrPSCḡPsPiPs P°P±Ps C,CIIP¶PePsPiPs CÍC,CÍPiPμPSCII (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCII C,P° PrPsP·PëB» C,P° B«P°P°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).
- PhPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCII PiPsC,CÍP¶PSPëC... C-PSPiC-P±C-C,PsCḡC-PI CYP3A4 (PSP°PiCḡPëPeP»P°Pr C-C,CḡP°PePsPSP°P·PsP», PePμC,PsPePsPSP°P·PsP», PIPsCḡPëPePsPSP°P·PsP», PiPsP·P°PePsPSP°P·PsP», C-PSPiC-P±C-C,PsCḡPë P'P†P>-PiCḡPsC,PμP°P·Pë, PeP»P°CḡPëC,CḡPsPjC-C†PëPS, C,PμP»C-C,CḡPsPjC-C†PëPS, PSPμC,,P°P·PsPrPsPS) (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCÍPIP°PSPSCII C,P° PrPsP·PëB» C,P° B«P'P·P°C''PjPsPrC-CI P· C-PSC€PëPjPë P»C-PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNëB»).
- PhPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCII P°PSC,PëP°CḡPëC,PjC-C±PSPëC... P·P°CÍPsP±C-PI PeP»P°CÍCÍ P†P° (PSP°PiCḡPëPeP»P°Pr C...C-PSC-PrPëPS) P°P±Ps PeP»P°CÍCÍ P†P†P† (PSP°PiCḡPëPeP»P°Pr PrPsC,,PμC,PëP»C-Pr, CÍPsC,P°P»PsP»), PeCḡC-Pj P°PjC-PsPrP°CḡPsPSCÍ.

P'P·P°C''PjPsPrC-CI P· C-PSC€PëPjPë P»C-PeP°CḡCÍCHbPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PNë.

P'PiP»PëPI C-PSC€PëC... P»C-PeP°CḡCÍCHbPePëC... P·P°CÍPsP±C-PI PSP° CḡP°PSPsP»P°P·PëPS.

P†PSPiC-P±C-C,PsCḡPë CYP3A4 C±Pë P-gp.

P P°PSPsP»P°P·PëPS C'' CÍCÍP±CÍC,CḡP°C,PsPj C†PëC,PsC...CḡPsPjCÍ CYP3A4. P†PSPiC-P±C-C,PsCḡPë CYP3A4 PiC-PrPIPëC%oCÍCḡC,CH PePsPSC†PμPSC,CḡP°C†C-Cḡ CḡP°PSPsP»P°P·PëPSCÍ PI PiP»P°P·PjC-. P— PiC-PrPIPëC%oPμPSPSCII Pj PNëPsPiPs PePsPSC†PμPSC,CḡP°C†C-C— PI PiP»P°P·PjC- PjPsP¶Pμ PiPsCÍPëP»CḡPIP°C,PëCÍCI PiCḡPsCIIPI PiPsC,PμPSC†C-PNëPSPëC... PiPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë, C%oPs

P·P°P»PμP¶P°C,CH PIC-Pr PrPsP·Pë (PSP°PïC¶PëPeP»P°Pr PSCrPrPsC,P°, P·P°PïP°PjPsC¶PμPSPSC¶). PμC-Pr C‡P°C¶ P»C-PeC¶PIP°PSPSC¶ C¶P°PSPsP»P°P·PëPSPsPj PsPrPSPsC‡P°C¶PSPμ P·P°C¶C,PSC¶C¶PIP°PSPSC¶ PePμC,PsPePsPSP°P·PsP»C¶ PI PrPsP·C- 200 PjPi PrPIC-C‡C- PSP° PrPsP±C¶ PïC-PrPIPëC%oC¶C" AUC C¶P°PSPsP»P°P·PëPSCr PI 3B¶"3,9 C¶P°P·P°. PhPrPSPsC‡P°C¶PSPμ PïC¶PëP·PSP°C‡PμPSPSC¶ C¶P°PSPsP»P°P·PëPSCr C,P° PïPsC,C¶P¶PSPëC... C-PSPiC-P±C-C,PSC¶C-PI CYP3A4 (C,P°PePëC... C¶Pe C-C,C¶P°PePsPSP°P·PsP», PePμC,PsPePsPSP°P·PsP», PIPsC¶PëPePsPSP°P·PsP», PïPsP·P°PePsPSP°P·PsP», C-PSPiC-P±C-C,PSC¶Pë P'P†P>-PïC¶PsC,PμP°P·Pë, PeP»P°C¶PëC,C¶PsPjC-C†PëPS, C,PμP»C-C,C¶PsPjC-C†PëPS, PSPμC,,P°P·PsPrPsPS) PïC¶PsC,PëPïPsPeP°P·P°PSPμ (PrPëPI. C¶PsP·PrC-P» B«PμC¶PsC,PëPïPsPeP°P·P°PSPSC¶B»). PÿP°PePsP¶ PïPsC,C¶P¶PSPëPj C-PSPiC-P±C-C,PSC¶PsPj CYP3A4 C" PiC¶PμPNëPïC,,C¶C¶C,PSPiPëPNë C¶C-Pe.

P"PëP»C,C-P°P·PμPj (180B¶"360 PjPi 1 C¶P°P· PSP° PrPsP±C¶), PïPsPjC-C¶PSPëPNë C-PSPiC-P±C-C,PSC¶ CYP3A4 PïC-PrPIPëC%oC¶C" P·P°P»PμP¶PSPs PIC-Pr PrPsP·Pë C¶PμC¶PμPrPSC- C¶C-PIPSPsPIP°P¶PSC- PePsPSC†PμPSC,C¶P°C†C-C— C¶P°PSPsP»P°P·PëPSCr PI 1,5B¶"2,4 C¶P°P·P°. P"»C¶ PïP°C†C-C"PS,C-PI, C¶PeC- P·P°C¶C,PSC¶PsPICrC¶C,CH PrPëP»C,C-P°P·PμPj C,P° C-PSC€C- PïPsPjC-C¶PSC- CYP3A4 (PSP°PïC¶PëPeP»P°Pr PμC¶PëC,C¶PsPjC-C†PëPS, C,,P»C¶PePsPSP°P·PsP»), C¶PμPePsPjPμPSPrC¶C"C,CHC¶C¶ C¶PμC,PμP»CHPSPëPNë C,P° PsP±PμC¶PμP¶PSPëPNë PïC-PrP±C-C¶ PrPsP·Pë PïC¶PμPïP°C¶P°C,C¶ P P°PSPμPeC¶P°^{B®}. P¶PsP¶P»PëPIPs, P±C¶PrPμ PSPμPsP±C...C-PrPSPs P·PSPëP¶PμPSPSC¶ PrPsP·Pë PïC¶PμPïP°C¶P°C,C¶ P P°PSPμPeC¶P°^{B®} (PrPëPI. C¶PsP·PrC-P»Pë B«PÿPïPsC¶C-P± P·P°C¶C,PSC¶C¶PIP°PSPSC¶ C,P° PrPsP·PëB» C,P° B«PhC¶PsP±P»PëPIPsC¶C,C- P·P°C¶C,PSC¶C¶PIP°PSPSC¶B»).).

P P°PSPsP»P°P·PëPS C" C¶C¶P±C¶C,C¶P°C,PsPj P-gp. P†PSPiC-P±C-C,PSC¶Pë P-gp (PSP°PïC¶PëPeP»P°Pr C†PëPeP»PSC¶PïPsC¶PëPS, PIPμC¶P°PïP°PjC-P») PïC-PrPIPëC%oC¶C¶C,CH C¶C-PIPμPSC¶ C¶P°PSPsP»P°P·PëPSCr PI PïP»P°P·PjC-. P'PμC¶P°PïP°PjC-P» (120 PjPi C,C¶PëC‡C- PSP° PrPsP±C¶) PïC-PrPIPëC%oC¶C" C¶C-PIPSPsPIP°P¶PSC- PePsPSC†PμPSC,C¶P°C†C-C— C¶P°PSPsP»P°P·PëPSCr PI PïP»P°P·PjC- PI 2,2 C¶P°P·P°. P"»C¶ C...PIPSC¶PëC..., C¶PeC- P·P°C¶C,PSC¶PsPICrC¶C,CH C-PSPiC-P±C-C,PSC¶Pë P-gp, C¶PμPePsPjPμPSPrC¶C"C,CHC¶C¶ C¶PμC,PμP»CHPSPμ C,PëC,C¶C¶PIP°PSPSC¶ PrPsP·Pë PïC¶PμPïP°C¶P°C,C¶ P P°PSPμPeC¶P°^{B®}. P¶PsP¶P»PëPIPs, P±C¶PrPμ PSPμPsP±C...C-PrPSPs P·PSPëP¶PμPSPSC¶ PrPsP·Pë PïC¶PμPïP°C¶P°C,C¶ (PrPëPI. C¶PsP·PrC-P»Pë B«PÿPïPsC¶C-P± P·P°C¶C,PSC¶C¶PIP°PSPSC¶ C,P° PrPsP·PëB» C,P° B«PhC¶PsP±P»PëPIPsC¶C,C- P·P°C¶C,PSC¶C¶PIP°PSPSC¶B»).).

P†PSPrC¶PeC,PsC¶Pë CYP3A4.

P PëC,,P°PjPïC-C†PëPS (600 PjPi 1 C¶P°P· PSP° PrPsP±C¶) P·PSPëP¶C¶C" P·PSP°C‡PμPSPSC¶ C¶C-PIPSPsPIP°P¶PSPëC... PePsPSC†PμPSC,C¶P°C†C-PNë C¶P°PSPsP»P°P·PëPSCr PïC¶PëP±P»PëP·PSPs PrPs 95 %. PkPμ C¶P»C-Pr C¶PsP·PïPsC‡PëPSP°C,Pë P»C-PeC¶PIP°PSPSC¶ PïC¶PμPïP°C¶P°C,PsPj P P°PSPμPeC¶P°^{B®} PïC-Pr C‡P°C¶ P·P°C¶C,PSC¶C¶PIP°PSPSC¶ C-PSPrC¶PeC,PsC¶C-PI CYP3A4 (PSP°PïC¶PëPeP»P°Pr C¶PëC,,P°PjPïC-C†PëPS, C,,PμPSC-C,PsC—PS, C,,PμPSPsP±P°C¶P±C-C,P°P», PeP°C¶P±P°PjP°P·PμPïC-PS, P·PIC-C¶PsP±C-PNë) (PrPëPI. C¶PsP·PrC-P» B«PhC¶PsP±P»PëPIPsC¶C,C- P·P°C¶C,PSC¶C¶PIP°PSPSC¶B»).).

P†PSPiC-P±C-C,PsC¶Pë CYP2D6.

P P°PSPsP»P°P·PëPS C‡P°C¶C,PePsPIPs PjPμC,P°P±PsP»C-P·C¶C"C,CHC¶C¶ CYP2D6, C,PsPjC¶ C-PSPiC-P±C-C,PSC¶Pë C†CHPsPiPs C,,PμC¶PjPμPSC,C¶ PjPsP¶C¶C,CH

PiC-PrPIPëC%CrPIP°C,Pë PePsPSC†PµPSC,CHP°C†C-CH CHP°PSPsP»P°P·PëPSCr PI PiP»P°P·PjC-. PµPsC,CrP¶PSPëP№ C-PSPiC-P±C-C,PsCH CYP2D6 PiP°CHPsPeC†PµC,PëPS PI PrPsP·C- 20 PjPi 1 CHP°P·PSP° PrPsP±Cr PiC-PrPIPëC%CrC" C†PµCHPµPrPSC- CHC-PIPSsPIP°P¶PSC- PiPsPeP°P·PSPëPePë PePsPSC†PµPSC,CHP°C†C-C— CHP°PSPsP»P°P·PëPSCr PI PiP»P°P·PjC- PI C†PµCHPµPrPSCHPsPjCr PI 1,2 CHP°P·P° (PiCHPë P·P°C†C,PsC†CrPIP°PSPSC- CHP°PSPsP»P°P·PëPSCr PiPs 1000 PjPi 2 CHP°P·Pë PSP° PrPsP±Cr). PµPsCHPµPeC†C-Cµ PrPsP·Pë PSPµ PiPsC,CHC-P±PSP°. PµCHPë PrPsP·C- CHP°PSPsP»P°P·PëPSCr 500 PjPi 2 CHP°P·Pë PSP° PrPsP±Cr PsPrPSPsC†P°C†PSPµ P·P°C†C,PsC†CrPIP°PSPSCµ PiPsC,CrP¶PSPsPiPs C-PSPiC-P±C-C,PsCHCr CYP2D6 PjPsP¶Pµ PiCHPëP·PIPµC†C,Pë PrPs PiC-PrPIPëC%PµPSPSCµ PiPsPeP°P·PSPëPeP° AUC CHP°PSPsP»P°P·PëPSCr PiCHPëP±P»PëP·PSPs PSP° 62 %.

P'PiP»PëPI CHP°PSPsP»P°P·PëPSCz PSP° C-PSC€C- P»C-PeP°CHC†CHPeC- P·P°C†PsP±Pë.

P P°PSPsP»P°P·PëPS C" C-PSPiC-P±C-C,PsCHPsPj P-gp, CµPePëP№ PjP°C" PiPsC,CrP¶PSC-C†C,CH PrC-C— PIC-Pr C†PµCHPµPrPSCHPsPiPs PrPs PIPëC†PsPePsPiPs C†C,CrPiPµPSCµ, C,P° C" C†P»P°P±PePëPj C-PSPiC-P±C-C,PsCHPsPj CYP3A4, C- C,PsPjCr PjPsP¶Pµ PiC-PrPIPëC%CrPIP°C,Pë PePsPSC†PµPSC,CHP°C†C-C— C†CrP±C†C,CHP°C,C-PI P-gp C†Pë CYP3A4 Cr PiP»P°P·PjC-. PµPsP¶Pµ C,P°PePsP¶ P·P±C-P»CHC€CrPIP°C,PëC†Cµ CHPsP·PiPsPrC-P» P»C-PeP°CHC†CHPePëC... P·P°C†PsP±C-PI, C%Ps C,CHP°PSC†PiPsCHC,CrCHC,CHC†Cµ P-gp.

PµCHPë PiCHPëP·PSP°C†PµPSPSC- P»C-PeP°CHC†CHPePsPiPs P·P°C†PsP±Cr P P°PSPµPeC†P°^{B®} PjPsP¶Pµ P±CrC,Pë PiPsC,CHC-P±PSP° PePsCHPµPeC†C-Cµ PrPsP·Pë PrPµCµPePëC..., PsC†PsP±P»PëPIPs P·P°P»PµP¶PSPëC... C†CrP±C†C,CHP°C,C-PI CYP3A4 (PSP°PiCHPëPeP»P°Pr C†PëPjPIP°C†C,P°C,PëPSCr, P»PsPIP°C†C,P°C,PëPSCr), P° C,P°PePsP¶ C†CrP±C†C,CHP°C,C-PI CYP3A4 P· PIC†P·CHPePëPj C,PµCHP°PiPµPIC,PëC†PSPëPj PrC-P°PiP°P·PsPSPsPj (PSP°PiCHPëPeP»P°Pr C†PëPeP»PsC†PiPsCHPëPSCr, C,P°PeCHPsP»C-PjCrC†C, C†PëCHPsP»C-PjCrC†C, PµPIPµCHPsP»C-PjCrC†C), PsC†PeC-P»CHPePë P P°PSPµPeC†P°^{B®} PjPsP¶Pµ PiC-PrPIPëC%CrPIP°C,Pë PePsPSC†PµPSC,CHP°C†C-C— PIPeP°P·P°PSPëC... P»C-PeP°CHC†CHPePëC... P·P°C†PsP±C-PI Cr PiP»P°P·PjC-.

PkP°CµPIPSC- PrP°PSC- C†PIC-PrC†P°C,CH, C%Ps CHP°PSPsP»P°P·PëPS C" C†P»P°P±PePëPj C-PSPiC-P±C-C,PsCHPsPj CYP2D6. P—P°C†C,PsC†CrPIP°PSPSCµ P P°PSPµPeC†Pë^{B®} PiPs 750 PjPi 2 CHP°P·Pë PSP° PrPsP±Cr PiC-PrPIPëC%CrC" PePsPSC†PµPSC,CHP°C†C-CH PjPµC,PsPiCHPsP»PsP»Cr PI PiP»P°P·PjC- PI 1,8 CHP°P·P°, C,PsPjCr PiCHPë C—C... PsPrPSPsC†P°C†PSPsPjCr P·P°C†C,PsC†CrPIP°PSPSC- PjPsP¶Pµ PiPsC†PëP»CHPIP°C,PëC†Cµ PrC-Cµ PjPµC,PsPiCHPsP»PsP»Cr P°P±Ps C-PSC€PëC... C†CrP±C†C,CHP°C,C-PI CYP2D6 (PSP°PiCHPëPeP»P°Pr PiCHPsPiP°C,,PµPSPsPSCr, C,,P»PµPeP°C—PSC-PrCr; PjPµPSC€PsCH PjC-CHPsCH C†Pµ C†C,PsC†CrC" C,CHC†Cµ C,CHPëC†PëPeP»C-C†PSPëC... P°PSC,PëPrPµPiCHPµC†P°PSC,C-PI C,P° PSPµP№CHPsP»PµPiC,PëPeC-PI), PIPSP°C†P»C-PrPsPe C†PsPiPs PjPsP¶Pµ P±CrC,Pë PiPsC,CHC-P±PSPëPj P·PSPëP¶PµPSPSCµ PrPsP·Pë C†PëC... PiCHPµPiP°CHP°C,C-PI.

PµPsC,PµPSC†C-P°P» C†C,PsC†PsPIPSPs PiCHPëPiPSC-C†PµPSPSCµ CYP2P'6 PSPµ PsC†C-PSCHPIP°PIC†Cµ. PµC-Pr C†P°C† P·P°C†C,PsC†CrPIP°PSPSCµ P P°PSPµPeC†Pë^{B®} PsPrPSPsC†P°C†PSPs C-P· C†CrP±C†C,CHP°C,P°PjPë CYP2P'6 (PSP°PiCHPëPeP»P°Pr P±CrPiCHPsPiC-PsPS, PµC,,P°PIC-CHPµPSC†, C†PëPeP»PsC,,PsC†C,,P°PjC-Pr) CHPµPePsPjPµPSPPrCrC" C,CHC†Cµ PrPsC,CHPëPjCrPIP°C,PëC†Cµ PsP±PµCHPµP¶PSPsC†C,C-.

P"PëPiPsPeC†PëPS.

P,, PrP°PSC- PiCHPs PiC-PrPIPëC%PµPSPSCµ PePsPSC†PµPSC,CHP°C†C-C—

PrPëPiPsPeCfPëPSCr PI PiP»P°P·PjC- Cr CfpµCfPµPrPSCfPsPjCr PI 1,5 Cfp°P·P° PfcfPë
PsPrPSPScfP°CfPSPsPjCr P·P°CfC,PsCfCfPIP°PSPSC- P· PfcfPµPiP°CfP°C,PsPj
P P°PSPµPeCfP°^{B®}, C,PsPjCr PSPµPsP±C...C-PrPSPs PfcfPµPiPµPrPµPSPSCf
PjPsPSC-C,PsCfPëPSPiCr CfcP-PIPSCf PrPëPiPsPeCfPëPSCr PSP° PfcfPµCfP°C,PeCr C,P° PfcfPë
P·P°PIPµCfCfPµPSPSC- P·P°CfC,PsCfCfPIP°PSPSCf PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®}.

PfPëPjPIP°CfC,P°C,PëPS.

PµPµC,P°P±PsP»C-P·Pj C,P° PeP»C-CfPµPSCf CfpPëPjPIP°CfC,P°C,PëPSCr P·PSP°CfPSPsCf
PjC-CfPµCf P·P°P»PµP¶P°C,Cf PIC-Pr CYP3A4. P-P°CfC,PsCfCfPIP°PSPSCf
PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®} PfcfP 1000 PjPi 2 Cfp°P·Pë PSP° PrPsP±Cr
PfcP-PrPIPëC%oCrC" PePsPSCfPµPSC,CfP°CfC-Cf PI PiP»P°P·PjC- P»P°PeC,PsPSCr
CfpPëPjPIP°CfC,P°C,PëPSCr C,P° CfpPëPjPIP°CfC,P°C,PëPSPsPIPsC- PePëCfP»PsC,Pë
PfcfPëP±P»PëP·PSPs PI 2 Cfp°P·Pë. PfP°PePsP¶ Cr Cfp°PjPeP°C...
PfcfPcCfC,PjP°CfPePµC,PëPSPiPsPIPsPSP°PiP»CfPµPrCr PfcfPIC-PrPsPjP»CfP»PsCfCf PfcfPµ
PIPëPiP°PrPePë Cfp°P±PrPsPjC-PsP»C-P·Cr Cr PfcP°CfC-C"PSC,C-PI, CfPeC- PfcfPëPµPjP°P»Pë
PfcfPµPiP°CfP°C, P P°PSPµPeCfP°^{B®} C- CfpPëPjPIP°CfC,P°C,PëPS. P"»Cf PfcP°CfC-C"PSC,C-PI,
CfPeC- PfcfPëPµPjP°CfC,Cf PfcfPµPiP°CfP°C, P P°PSPµPeCfP°^{B®} PI P±CrPrCfC-CfPeC-Pµ
PrPsP·C-, PrPsP·P° CfpPëPjPIP°CfC,P°C,PëPSCr PSPµ PfcfPIPëPSPSP°
PfcfPµCfPµPIPëC%oCrPIP°C,Pë 20 PjPi PSP° PrPsP±Cr.

PfcC,PsCfPIP°CfC,P°C,PëPS.

PµCfPëPµPsPj PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®} PfcfP 1000 PjPi PrPIC-CfC- PSP°
PrPsP±Cr PfcP-PrPIPëC%oCrC" C_{max} C- AUC P°C,PsCfPIP°CfC,P°C,PëPSCr, CfPePëPµ
PfcfPëPµPjP°CfC,Cf PI PrPsP·C- 80 PjPi PsPrPëPS Cfp°P· PSP° PrPsP±Cr, PI 1,4 C- PI 1,3
Cfp°P·P° PIC-PrPfcfPIC-PrPSPs C- P·PjC-PSCfC" C_{max} C- AUC PjPµC,P°P±PsP»C-C,C-PI
P°C,PsCfPIP°CfC,P°C,PëPSCr PjPµPSCf PSC-P¶ PSP° 35%. PµCfPë PfcfPëPµPsPjC-
PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®} PjPsP¶Pµ P±CrC,Pë PfcfPµC,CfC-P±PSPs
PsP±PjPµP¶PµPSPSCf PrPsP·Pë P°C,PsCfPIP°CfC,P°C,PëPSCr C- PfcfPµPiPµPrPµPSPSCf
PSP°P»PµP¶PSPsPiPs PeP»C-PSC-CfPSPsPiPs CfpPfcfC,PµCfPµP¶PµPSPSCf.

PµCfPë PfcfPëPµPsPjC- PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®} PjPsP¶Pµ P±CrC,Pë
PfcfPµC,CfC-P±PSPs PsP±PjPµP¶PµPSPSCf PrPsP·Pë C-PSCfPëC... CfC,P°C,PëPSC-PI, C%oPs
PjPµC,P°P±PsP»C-P·CrCfC,CfCfCf CYP3P4 (P»PsPIP°CfC,P°C,PëPS).

PfP°PeCfPsP»C-PjCrCf, CfpPëPeP»PsCfPfcfPfcfPëPS, CfpPëCfPsP»C-PjCrCf,
PµPIPµCfPsP»C-PjCrCf.

P-P°CfC,PsCfCfPIP°PSPSCf Cfp°PSPsP»P°P·PëPSCr PfcP°CfC-C"PSC,P°Pj, CfPeC-
PsC,CfPëPjCrPIP°P»Pë C,P°PeCfPsP»C-PjCrCf (CfCfP±CfC,CfP°C, CYP3A4),
PfcfPëP·PIPsPrPëP»Ps PrPs PfcP-PrPIPëC%oPµPSPSCf PePsPSCfPµPSC,CfP°CfC-Pµ
PsCfC,P°PSPSCHsPiPs PI PiP»P°P·PjC-. Pj Cfp°P·C- PfcfPëP·PSP°CfPµPSPSCf
PfcfPµPiP°CfP°C,Cr P P°PSPµPeCfP°^{B®} PfcP°CfC-C"PSC,P°Pj, CfPeC- PsC,CfPëPjCrCfC,Cf
C,P°PeCfPsP»C-PjCrCf, CfpPµPePsPjPµPSPPrCrC" C,CfCfCf PePsPSC,CfPsP»CfPIP°C,Pë
PePsPSCfPµPSC,CfP°CfC-C- C,P°PeCfPsP»C-PjCrCfCr PI PiP»P°P·PjC- C- PI Cfp°P·C-
PSPµPsP±C...C-PrPSPsCfC,C- PePsCfPëPiCrPIP°C,Pë PrPsP·Cr C,P°PeCfPsP»C-PjCrCfCr.
PfP°PePëPµ PePsPSC,CfPsP»Cf C,P°PePsP¶ CfpPµPePsPjPµPSPPrPsPIP°PSPëPµ PfcfPë
P·P°CfC,PsCfCfPIP°PSPSC- C-PSCfPëC... CfCfP±CfC,CfP°C,C-PI CYP3A4 P· PICfP·CfPePëPj
C,PµCfP°PiPµPIC,PëCfPSPëPj PrC-P°PiP°P·PsPSPsPj (PSP°PfcfPëPeP»P°Pr
CfpPëPeP»PsCfPfcfPfcfPëPS, CfpPëCfPsP»C-PjCrCf, PµPIPµCfPsP»C-PjCrCf).

P>C- $\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{C}\tilde{\text{H}}\text{PeC}-\text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}\tilde{\text{e}}, \text{C}\tilde{\text{I}}\text{PeC}-\text{C}, \text{C}\tilde{\text{H}}\text{P}^\circ\text{PSC}\tilde{\text{I}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{H}}\text{C}, \text{C}\tilde{\text{r}}\text{C}\tilde{\text{H}}\text{C}, \text{C}\tilde{\text{H}}\text{C}\tilde{\text{I}}\text{C}\tilde{\text{I}}$
C, C $\tilde{\text{H}}\text{P}^\circ\text{PSC}\tilde{\text{I}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{H}}\text{C}, \text{C}\tilde{\text{r}}\text{PIP}^\circ\text{P}\rangle\text{C}\tilde{\text{H}}\text{PSP}\tilde{\text{e}}\text{PePsPj PsC}\tilde{\text{H}}\text{PiP}^\circ\text{PSC}-\text{C}\tilde{\text{I}}\text{PSP}\tilde{\text{e}}\text{C}...$ $\text{PeP}^\circ\text{C}, \text{C}-\text{PsPSC}-\text{PI}-2$
(OCT2). P $\tilde{\text{u}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}$ P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}-\text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\mu\text{P}\tilde{\text{I}}\text{P}^\circ\text{C}\tilde{\text{H}}\text{P}^\circ\text{C}, \text{C}\tilde{\text{r}} \text{P}^\circ\text{PSP}\mu\text{PeC}\tilde{\text{I}}\text{P}^\circ\text{B}^\circ$ PI PrPsP $\cdot\text{C}-$
500 PjPi C- 1000 PjPi PrPIP $^\circ$ C $\tilde{\text{H}}\text{P}^\circ\text{P}\cdot\text{P}\tilde{\text{e}}$ PSP $^\circ$ PrPsP $\pm\text{C}\tilde{\text{r}}$ P $\tilde{\text{I}}\text{P}^\circ\text{C}\dagger\text{C}-\text{C}''\text{PSC}, \text{P}^\circ\text{Pj C}-\text{P}\cdot$
C $\dagger\text{C}\tilde{\text{r}}\text{PeC}\tilde{\text{H}}\text{PsPIP}\tilde{\text{e}}\text{Pj PrC}-\text{P}^\circ\text{P}\pm\text{P}\mu\text{C}, \text{PsPj P}\dagger\text{P}\dagger \text{C}, \text{P}\tilde{\text{e}}\text{P}\tilde{\text{I}}\text{C}\tilde{\text{r}}$ PePsPSC $\dagger\text{P}\mu\text{PSC}, \text{C}\tilde{\text{H}}\text{P}^\circ\text{C}\dagger\text{C}-\text{C}\tilde{\text{I}}$
PsPrPSPsC $\dagger\text{P}^\circ\text{C}\tilde{\text{I}}\text{PSPs P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{PsPIP}^\circ\text{PSPsPiPs PjP}\mu\text{C}, \text{C}, \text{PsC}\tilde{\text{H}}\text{PjC}-\text{PSC}\tilde{\text{r}}$ (1000 PjPi PrPIP $^\circ$
C $\tilde{\text{H}}\text{P}^\circ\text{P}\cdot\text{P}\tilde{\text{e}}$ PSP $^\circ$ PrPsP $\pm\text{C}\tilde{\text{r}}$) C $\tilde{\text{r}}$ P $\tilde{\text{I}}\text{P}\rangle\text{P}^\circ\text{P}\cdot\text{PjC}-\text{P}\tilde{\text{I}}\text{C}-\text{PrPIP}\tilde{\text{e}}\text{C}\% \text{C}\tilde{\text{r}}\text{PIP}^\circ\text{P}\rangle\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}\tilde{\text{I}}$
PIC-PrP $\tilde{\text{I}}\text{PsPIC}-\text{PrPSPs PI } 1,4 \text{ C}-\text{PI } 1,8 \text{ C}\tilde{\text{H}}\text{P}^\circ\text{P}\cdot\text{P}^\circ$. P $\tilde{\text{u}}\text{PsPSC}\dagger\text{P}\mu\text{PSC}, \text{C}\tilde{\text{H}}\text{P}^\circ\text{C}\dagger\text{C}-\text{C}-\text{PSC}\tilde{\text{e}}\text{P}\tilde{\text{e}}\text{C}...$
OCT2 C $\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{P}\pm\text{C}\tilde{\text{I}}\text{C}, \text{C}\tilde{\text{H}}\text{P}^\circ\text{C}, \text{C}-\text{PI}, \text{PIPeP}\rangle\text{C}\tilde{\text{H}}\text{C}\dagger\text{P}^\circ\text{C}\tilde{\text{H}}\text{C}\dagger\text{P}\tilde{\text{e}}$ P $\tilde{\text{I}}\text{C}-\text{PSPrPsP}\rangle\text{PsP}\rangle\text{C}-$
PIP $^\circ\text{C}\tilde{\text{H}}\text{P}\mu\text{PSC}-\text{PeP}\rangle\text{C}-\text{PS}, \text{PjPsP}\nabla\text{C}\tilde{\text{r}}\text{C}, \text{C}\tilde{\text{H}} \text{P}\pm\text{C}\tilde{\text{r}}\text{C}, \text{P}\tilde{\text{e}} \text{P}\cdot\text{PjC}-\text{PSP}\mu\text{PSC}-\text{PI PsPrPSP}^\circ\text{PePsPIC}-\text{PN}\tilde{\text{e}}$
PjC-C $\tilde{\text{H}}\text{C}-$.

P $\dagger\text{C}\tilde{\text{I}}\text{PSC}\tilde{\text{r}}\text{C}'' \text{C}, \text{P}\mu\text{PsC}\tilde{\text{H}}\text{P}\mu\text{C}, \text{P}\tilde{\text{e}}\text{C}\dagger\text{PSP}\tilde{\text{e}}\text{PN}\tilde{\text{e}}$ C $\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{P}\cdot\text{P}\tilde{\text{e}}\text{Pe}, \text{C}\% \text{Ps P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}$ PsPrPSPsC $\dagger\text{P}^\circ\text{C}\tilde{\text{I}}\text{PSPsPjC}\tilde{\text{r}}$
P $\rangle\text{C}-\text{PeC}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}-\text{C}\tilde{\text{H}}\text{P}^\circ\text{PSPsP}\rangle\text{P}^\circ\text{P}\cdot\text{P}\tilde{\text{e}}\text{PSPsPj C}, \text{P}^\circ \text{C}-\text{PSC}\tilde{\text{e}}\text{P}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$ P $\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\mu\text{P}\tilde{\text{I}}\text{P}^\circ\text{C}\tilde{\text{H}}\text{P}^\circ\text{C}, \text{P}^\circ\text{PjP}\tilde{\text{e}},$
C $\% \text{Ps P}\tilde{\text{I}}\text{PsPrPsPIP}\nabla\text{C}\tilde{\text{r}}\text{C}\tilde{\text{H}}\text{C}, \text{C}\tilde{\text{H}} \text{C}-\text{PSC}, \text{P}\mu\text{C}\tilde{\text{H}}\text{PIP}^\circ\text{P}\rangle \text{QTc}, \text{PjPsP}\nabla\text{P}\mu \text{PIP}\tilde{\text{e}}\text{PSP}\tilde{\text{e}}\text{PePSC}\tilde{\text{r}}\text{C}, \text{P}\tilde{\text{e}}$
C $\% \text{C}\tilde{\text{H}}\text{PjP}^\circ\text{PePsPrP}\tilde{\text{e}}\text{PSP}^\circ\text{PjC}-\text{C}\dagger\text{PSP}^\circ \text{PIP}\cdot\text{P}^\circ\text{C}''\text{PjPsPrC}-\text{C}\tilde{\text{I}} \text{C}, \text{P}^\circ \text{P}\tilde{\text{I}}\text{C}-\text{PrPIP}\tilde{\text{e}}\text{C}\% \text{P}\tilde{\text{e}}\text{C}, \text{P}\tilde{\text{e}}\text{C}\tilde{\text{I}}\text{C}\tilde{\text{I}}$
PjPsP $\nabla\text{P}\rangle\text{P}\tilde{\text{e}}\text{PIP}\tilde{\text{e}}\text{PN}\tilde{\text{e}}$ C $\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{P}\cdot\text{P}\tilde{\text{e}}\text{Pe C}\tilde{\text{e}}\text{P}\rangle\text{C}\tilde{\text{r}}\text{PSPsC}\dagger\text{PePsPIP}\tilde{\text{e}}\text{C}...$ P $^\circ\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{C}, \text{PjC}-\text{PN}\tilde{\text{e}}$.
P $\acute{\text{K}}\text{P}^\circ\text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{PeP}\rangle\text{P}^\circ\text{Pr}, \text{PrPs C}, \text{P}^\circ\text{PeP}\tilde{\text{e}}\text{C}...$ P $\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\mu\text{P}\tilde{\text{I}}\text{P}^\circ\text{C}\tilde{\text{H}}\text{P}^\circ\text{C}, \text{C}-\text{PI PSP}^\circ\text{P}\rangle\text{P}\mu\text{P}\nabla\text{P}^\circ\text{C}, \text{C}\tilde{\text{H}} \text{PrP}\mu\text{C}\tilde{\text{I}}\text{PeC}-$
P $^\circ\text{PSC}, \text{P}\tilde{\text{e}}\text{P}\tilde{\text{I}}\text{C}-\text{C}\tilde{\text{I}}\text{C}, \text{P}^\circ\text{PjC}-\text{PSPSC}-\text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}\tilde{\text{e}}$ (C, P $^\circ\text{PeC}-\text{C}\tilde{\text{I}}\text{Pe C}, \text{P}\mu\text{C}\tilde{\text{H}}\text{C}, \text{P}\mu\text{PSP}^\circ\text{PrP}\tilde{\text{e}}\text{PS},$
P $^\circ\text{C}\tilde{\text{I}}\text{C}, \text{P}\mu\text{PjC}-\text{P}\cdot\text{PsP}\rangle, \text{PjC}-\text{P}\cdot\text{PsP}\rangle\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{P}\tilde{\text{e}}\text{PS}), \text{PrP}\mu\text{C}\tilde{\text{I}}\text{PeC}-\text{P}^\circ\text{PSC}, \text{P}\tilde{\text{e}}\text{P}^\circ\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{C}, \text{PjC}-\text{C}\dagger\text{PSC}-$
P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}\tilde{\text{e}}$ (P $\cdot\text{PsPeC}\tilde{\text{H}}\text{P}\mu\text{PjP}^\circ \text{C}...\text{C}-\text{PSC}-\text{PrP}\tilde{\text{e}}\text{PS}, \text{PrP}\tilde{\text{e}}\text{P}\cdot\text{PsP}\tilde{\text{I}}\text{C}-\text{C}\tilde{\text{H}}\text{P}^\circ\text{PjC}-\text{Pr},$
P $\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{PsPeP}^\circ\text{C}-\text{PSP}^\circ\text{PjC}-\text{Pr}), \text{P}\mu\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{C}, \text{C}\tilde{\text{H}}\text{PsPjC}-\text{C}\dagger\text{P}\tilde{\text{e}}\text{PS C}, \text{P}^\circ \text{C}, \text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{C}\dagger\text{P}\tilde{\text{e}}\text{PeP}\rangle\text{C}-\text{C}\dagger\text{PSC}-$
P $^\circ\text{PSC}, \text{P}\tilde{\text{e}}\text{PrP}\mu\text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\mu\text{C}\tilde{\text{I}}\text{P}^\circ\text{PSC}, \text{P}\tilde{\text{e}}$ (PSP $^\circ\text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{PeP}\rangle\text{P}^\circ\text{Pr C}-\text{PjC}-\text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}^\circ\text{PjC}-\text{PS},$
PrPsPeC $\tilde{\text{I}}\text{P}\mu\text{P}\tilde{\text{I}}\text{C}-\text{PS}, \text{P}^\circ\text{PjC}-\text{C}, \text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{P}\tilde{\text{I}}\text{C}, \text{P}\tilde{\text{e}}\text{P}\rangle\text{C}-\text{PS}).$

PhC $\tilde{\text{I}}\text{PsP}\pm\text{P}\rangle\text{P}\tilde{\text{e}}\text{PIPsC}\tilde{\text{I}}\text{C}, \text{C}-\text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{I}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}}.$

P $\tilde{\text{Y}}\text{P}\rangle\text{C}-\text{Pr P}\pm\text{C}\tilde{\text{r}}\text{C}, \text{P}\tilde{\text{e}}$ PsP $\pm\text{P}\mu\text{C}\tilde{\text{H}}\text{P}\mu\text{P}\nabla\text{PSP}\tilde{\text{e}}\text{Pj P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}$ P $\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{P}\cdot\text{PSP}^\circ\text{C}\dagger\text{P}\mu\text{PSPSC}-\text{P}^\circ\text{P}\pm\text{Ps}$
P $\tilde{\text{I}}\text{C}-\text{PrPIP}\tilde{\text{e}}\text{C}\% \text{P}\mu\text{PSPSC}-\text{PrPsP}\cdot\text{P}\tilde{\text{e}}$ C $\tilde{\text{H}}\text{P}^\circ\text{PSPsP}\rangle\text{P}^\circ\text{P}\cdot\text{P}\tilde{\text{e}}\text{PSC}\tilde{\text{r}} \text{C}...\text{PIPsC}\tilde{\text{H}}\text{P}\tilde{\text{e}}\text{Pj}, \text{C}\tilde{\text{r}} \text{C}\tilde{\text{I}}\text{PeP}\tilde{\text{e}}\text{C}...$
PjPsP $\nabla\text{P}\rangle\text{P}\tilde{\text{e}}\text{PIP}\mu \text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{I}}\text{P}\tilde{\text{e}}\text{P}\rangle\text{P}\mu\text{PSPSC}\tilde{\text{I}} \text{PN}\tilde{\text{e}}\text{PsPiPs PrC}-\text{C}-, \text{P}\tilde{\text{I}}\text{C}\tilde{\text{H}}\text{P}\tilde{\text{e}}$ C, P $^\circ\text{PeP}\tilde{\text{e}}\text{C}...$ C $\tilde{\text{I}}\text{C}, \text{P}^\circ\text{PSP}^\circ\text{C}...$:

- PsPrPSPsC $\dagger\text{P}^\circ\text{C}\tilde{\text{I}}\text{PSP}\mu \text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}-\text{PSPiC}-\text{P}\pm\text{C}-\text{C}, \text{PsC}\tilde{\text{H}}\text{C}-\text{PI CYP3A4}$
P $\tilde{\text{I}}\text{PsPjC}-\text{C}\tilde{\text{H}}\text{PSPsC}-\text{C}\tilde{\text{I}}\text{P}\tilde{\text{e}}\text{P}\rangle\text{P}\tilde{\text{e}}$ PrC-C- (PrP $\tilde{\text{e}}\text{PI. C}\tilde{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{P}\tilde{\text{e}}$ B $\langle\text{P}\tilde{\text{Y}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{I}}\text{C}-\text{P}\pm$
P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}, \text{P}^\circ \text{PrPsP}\cdot\text{P}\tilde{\text{e}}\text{B}\rangle \text{C}, \text{P}^\circ \text{B}\langle\text{P}'\text{P}\cdot\text{P}^\circ\text{C}''\text{PjPsPrC}-\text{C}\tilde{\text{I}} \text{P}\cdot \text{C}-\text{PSC}\tilde{\text{e}}\text{P}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$
P $\rangle\text{C}-\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{C}\tilde{\text{H}}\text{PeP}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$ P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}^\circ\text{PjP}\tilde{\text{e}}$ C, P $^\circ \text{C}-\text{PSC}\tilde{\text{e}}\text{C}-\text{PIP}\tilde{\text{e}}\text{PrP}\tilde{\text{e}}$ PIP $\cdot\text{P}^\circ\text{C}''\text{PjPsPrC}-\text{PN}\tilde{\text{e}}\text{B}\rangle$);
- PsPrPSPsC $\dagger\text{P}^\circ\text{C}\tilde{\text{I}}\text{PSP}\mu \text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}-\text{PSPiC}-\text{P}\pm\text{C}-\text{C}, \text{PsC}\tilde{\text{H}}\text{C}-\text{PI P-gp}$
(PrP $\tilde{\text{e}}\text{PI. C}\tilde{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{P}\tilde{\text{e}}$ B $\langle\text{P}\tilde{\text{Y}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{I}}\text{C}-\text{P}\pm \text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}, \text{P}^\circ \text{PrPsP}\cdot\text{P}\tilde{\text{e}}\text{B}\rangle \text{C}, \text{P}^\circ$
B $\langle\text{P}'\text{P}\cdot\text{P}^\circ\text{C}''\text{PjPsPrC}-\text{C}\tilde{\text{I}} \text{P}\cdot \text{C}-\text{PSC}\tilde{\text{e}}\text{P}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$ P $\rangle\text{C}-\text{PeP}^\circ\text{C}\tilde{\text{H}}\text{C}\tilde{\text{H}}\text{PeP}\tilde{\text{e}}\text{PjP}\tilde{\text{e}}$ P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{PsP}\pm\text{P}^\circ\text{PjP}\tilde{\text{e}}$ C, P $^\circ \text{C}-\text{PSC}\tilde{\text{e}}\text{C}-\text{PIP}\tilde{\text{e}}\text{PrP}\tilde{\text{e}}$ PIP $\cdot\text{P}^\circ\text{C}''\text{PjPsPrC}-\text{PN}\tilde{\text{e}}\text{B}\rangle$);
- P $\tilde{\text{I}}\text{P}\mu\text{C}\dagger\text{C}-\text{PSPePsPIP}^\circ \text{PSP}\mu\text{PrPsC}\tilde{\text{I}}\text{C}, \text{P}^\circ\text{C}, \text{PSC}-\text{C}\tilde{\text{I}}\text{C}, \text{C}\tilde{\text{H}} \text{P}\rangle\text{P}\mu\text{PiPePsPiPs C}\tilde{\text{I}}\text{C}, \text{C}\tilde{\text{r}}\text{P}\tilde{\text{I}}\text{P}\mu\text{PSC}\tilde{\text{I}}$
(PrP $\tilde{\text{e}}\text{PI. C}\tilde{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{P}\tilde{\text{e}}$ B $\langle\text{P}\tilde{\text{Y}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{I}}\text{C}-\text{P}\pm \text{P}\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}, \text{P}^\circ \text{PrPsP}\cdot\text{P}\tilde{\text{e}}\text{B}\rangle \text{C}, \text{P}^\circ$
B $\langle\text{P}\alpha\text{P}^\circ\text{C}\tilde{\text{H}}\text{PjP}^\circ\text{PePsPeC}-\text{PSP}\mu\text{C}, \text{P}\tilde{\text{e}}\text{PeP}^\circ\text{B}\rangle$);
- PSP $\tilde{\text{e}}\text{C}\tilde{\text{H}}\text{PePsPIP}^\circ \text{PSP}\mu\text{PrPsC}\tilde{\text{I}}\text{C}, \text{P}^\circ\text{C}, \text{PSC}-\text{C}\tilde{\text{I}}\text{C}, \text{C}\tilde{\text{H}} \text{P}\rangle\text{P}\mu\text{PiPePsC}-\text{P}^\circ\text{P}\pm\text{Ps}$
C $\tilde{\text{I}}\text{P}\mu\text{C}\tilde{\text{H}}\text{P}\mu\text{PrPSC}\tilde{\text{H}}\text{PsC}-\text{C}, \text{C}\tilde{\text{I}}\text{P}\nabla\text{PePsC}\tilde{\text{I}}\text{C}, \text{C}-\text{(PeP}\rangle\text{C}-\text{C}\tilde{\text{H}}\text{P}\mu\text{PSC}\tilde{\text{I}} \text{PeC}\tilde{\text{H}}\text{P}\mu\text{P}^\circ\text{C}, \text{P}\tilde{\text{e}}\text{PSC}-\text{PSC}\tilde{\text{r}}$
30B $\tilde{\text{H}}''80 \text{PjP}\rangle/\text{C}...\text{PI})$ (PrP $\tilde{\text{e}}\text{PI. C}\tilde{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{P}\tilde{\text{e}}$ B $\langle\text{P}\tilde{\text{Y}}\text{P}\tilde{\text{I}}\text{PsC}\tilde{\text{I}}\text{C}-\text{P}\pm$
P $\cdot\text{P}^\circ\text{C}\tilde{\text{I}}\text{C}, \text{PsC}\tilde{\text{I}}\text{C}\tilde{\text{r}}\text{PIP}^\circ\text{PSPSC}\tilde{\text{I}} \text{C}, \text{P}^\circ \text{PrPsP}\cdot\text{P}\tilde{\text{e}}\text{B}\rangle, \text{B}\langle\text{P}\mu\text{PsP}\pm\text{C}-\text{C}\dagger\text{PSC}-\text{C}\tilde{\text{H}}\text{P}\mu\text{P}^\circ\text{PeC}\dagger\text{C}-\text{C}-\text{B}\rangle$

C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»);

- PīP°C†C-C''PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCf (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPīPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCḡ C,P° PrPsP·PëB», B«PμPsP±C-C†PSC-CḡPμP°PeC†C-C-B» C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»);

- PīP°C†C-C''PSC,Pë P·PSPëP·CHbPePsCḡ PjP°CfPsCḡ (≤ 60 PePi) (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPīPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCḡ C,P° PrPsP·PëB», B«PμPsP±C-C†PSC-CḡPμP°PeC†C-C-B» C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»);

- P—PŸPḡ CḡPμCḡPμPrPSCbPsPiPs P°P±Ps C,CḡPḡPePsPiPs CfC,CfPīPμPSCḡ C,CḡPḡPePsCfC,C- (PeP»P°CfPë NYHA IIIbḡ"IV) (PrPëPI. CḡPsP·PrC-P»Pë B«PŸPīPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCḡ C,P° PrPsP·PëB» C,P° B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»).

Pj C...PIPsCḡPëC..., CḡPeC- PjP°CḡC,CHb PeC-P»CHbPeP° P·P°P·PSP°C†PμPSPëC... PIPëC%Pμ C,,P°PeC,PsCḡC-PI, PjPsPḡPSP° PsC†C-PeCfPIP°C,Pë PrPsPrP°C,PePsPiPsPiPs PīPsCfPëP»PμPSPSCḡ PrC-C—. PḡPsPḡP»PëPIPμ PIPëPSPëPePSPμPSPSCḡ PīPsP±C-C†PSPëC... CḡPμP°PeC†C-PNḡ, C%Ps P·P°P»PμPḡP°C,CHb PIC-Pr PrPsP·Pë. PμCḡPë P·P°CfC,PsCfCfPIP°PSPSC- P»C-PeP°CḡCfCHbPePsPiPs P·P°CfPsP±Cf P P°PSPμPeCfP°^{B®} Cf C...PIPsCḡPëC... P·PīPsC''PrPSP°PSPSCḡPj PeC-P»CHbPePsC... P·P°P·PSP°C†PμPSPëC... PIPëC%Pμ C,,P°PeC,PsCḡC-PI PīPsPIPëPSPμPS PīCḡPsPiPsPrPëC,PëCfCḡ C†P°CfC,PëPNḡ PjPsPSC-C,PsCḡPëPSPi PīPsP±C-C†PSPëC... CḡPμP°PeC†C-PNḡ, P° P·P° PSPμPsP±C...C-PrPSPsCfC,C- PrPsP·Cf CḡP°PSPsP»P°P·PëPSCf CfP»C-Pr P·PSPëP·PëC,Pë P°P±Ps PīCḡPëPīPëPSPëC,Pë P»C-PeCfPIP°PSPSCḡ.

P PëP·PëPe PīPsCfPëP»PμPSPSCḡ C,,P°CḡPjP°PePsP»PsPiC-C†PSPsC— PrC-C— CḡP°PSPsP»P°P·PëPSCf, C%Ps PīCḡPëP·PIPsPrPëC,CHb PrPs P·P±C-P»CHbCεPμPSPSCḡ C†P°CfC,PsC,Pë PīPsP±C-C†PSPëC... CḡPμP°PeC†C-PNḡ Cf P·P°P·PSP°C†PμPSPëC... PIPëC%Pμ PīCḡCfPīP°C..., PīC-PrPIPëC%CfC''C,CHbCfCḡ Cf C...PIPsCḡPëC... P·PSPμPrPsCfC,P°C,PSCHbPsCḡ P°PeC,PëPIPSC-CfC,Cḡ CYP2D6 (C...PIPsCḡC- P·C- CfPīPsPIC-P»CHbPSPμPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj) PīPsCḡC-PIPSCḡPSPs P·C...PIPsCḡPëPjPë P·PīPsC,CfPḡPSPsCḡ P°PeC,PëPIPSC-CfC,Cḡ CYP2D6 (C...PIPsCḡC- P·PīCḡPëCfPePsCḡPμPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj) (PrPëPI. CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°B»). P'PëC%PμP·P°P·PSP°C†PμPSC- P·P°CfC,PμCḡPμPḡPμPSPSCḡ CḡPsP·CḡPsP±P»PμPSC- P·CfCḡP°C...CfPIP°PSPSCḡPj PjPsPḡP»PëPIPsPiPs CḡPëP·PëPeCf PrP»Cḡ C...PIPsCḡPëC... P·C- CfPīPsPIC-P»CHbPSPμPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2D6 C,P° PjP°CḡC,CHb PICḡP°C...PsPICfPIP°C,PëCfCḡ Cf PIPëPīP°PrPeCf, PePsP»Pë CfC,P°C,CfCf PjPμC,P°P±PsP»C-P·PjCf CYP2D6 PSPμPIC-PrPsPjPëPNḡ. P''P»Cḡ C...PIPsCḡPëC... P·PīCḡPëCfPePsCḡPμPSPëPj PjPμC,P°P±PsP»C-P·PjPsPj CYP2D6 C,P°PeC- P·P°CfC,PμCḡPμPḡPμPSPSCḡ PjP°CḡC,CHb PjPμPSCεPμ P·PSP°C†PμPSPSCḡ. PḡPīPsCḡPëPj, PrP»Cḡ CḡPePëC... PIPëP·PSP°C†PμPSPëPNḡ (PSP°PīCḡPëPeP»P°Pr, CεP»CḡC...PsPj PīPμPSPsC,PëPīCfPIP°PSPSCḡ) P°P±Ps PIC-PrPsPjPëPNḡ C-PSC,PμPSCfPëPIPSPëPNḡ CfC,P°C,CfCf PjPμC,P°P±PsP»C-P·PjCf CYP2D6, P P°PSPμPeCfP°^{B®} PjPsPḡPSP° P·P°CfC,PsCfPsPICfPIP°C,Pë P·PsP±PμCḡPμPḡPSC-CfC,Cḡ Cf CḡP°P·C- PSP°CḡPIPSPsCfC,C- Cf PīP°C†C-C''PSC,P° PePsPjP±C-PSP°C†C-C— PeC-P»CHbPePsC... P·P°P·PSP°C†PμPSPëC... PIPëC%Pμ C,,P°PeC,PsCḡC-PI CḡPëP·PëPeCf.

PμPsPrPsPIPḡPμPSPSCḡ C-PSC,PμCḡPIP°P»Cf QT.

P'P»PsPeCfPIP°PSPSCḡ I_{kr} C- PīPsPrPsPIPḡPμPSPSCḡ C-PSC,PμCḡPIP°P»Cf QTc P·P°P»PμPḡP°C,CHb PIC-Pr PrPsP·Pë CḡP°PSPsP»P°P·PëPSCf. PμPsPīCfP»CḡC†C-PNḡPSPëPNḡ P°PSP°P»C-P·PsP±bḡ™C''PrPSP°PSPëC... PrP°PSPëC..., PsC,CḡPëPjP°PSPëC... PīC-Pr C†P°Cf

PrPsCfP»C-PrP¶PµPSPSC¶ P·P° CíC±P°CfC,Ch PíP°C†C-C"PSC,C-PI C,P° P·PrPsC¶PsPIPëC...
PrPsP±C¶PsPIPsP»CHC†C-PI, PíPsPeP°P·P°PI, C°Ps P·P°P»PµP¶PSC-CfC,Ch
PíPsPrPsPIP¶PµPSPSC¶ C-PSC,PµC¶PIP°P»Cí QTc PIC-Pr PePsPSC†PµPSC,C¶P°C†C-C—
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cí PI PíP»P°P·PjC- PjPsP¶Pµ P±CíC,Pë PsC†C-PSPµPSPs
C¶Pe 2,4 PjCf PSP° 1000 PSPI/PjP», C°Ps PíC¶PëP±P»PëP·PSPs PrPsC¶C-PIPSC¶C"
PíC-PrPIPëC°PµPSPSC¶ PIC-Pr 2 PrPs 7 PjCf PrP»C¶ PrC-P°PíP°P·PsPSCí
PíPsPeP°P·PSPëPeC-PI PePsPSC†PµPSC,C¶P°C†C-C— C¶P°PSPsP»P°P·PëPSCí PI PíP»P°P·PjC-
PíC¶Pë PíC¶PëP·PSP°C†PµPSPSC- PñPsPiPs PI PrPsP·C- PIC-Pr 500 PrPs 1000 PjPi PrPIC-C†C-
PSP° PrPsP±Cí. PýPsPjCí C,C¶PµP±P° P±CíC,Pë PsP±PµC¶PµP¶PSPëPj PíC¶Pë
P»C-PeCíPIP°PSPSC- C...PIPsC¶PëC... C-P· CíPëPSPrC¶PsPjPsPj PIC¶PsPrP¶PµPSPsPiPs
PíPsPrPsPIP¶PµPSPSC¶ C-PSC,PµC¶PIP°P»Cí QT PI P°PSP°PjPSPµP·C- P°P±Ps P·C-
CíPíP°PrPePsPIPëPj PíPsPrPsPIP¶PµPSPSC¶Pj C-PSC,PµC¶PIP°P»Cí QT PI C¶PsPrPëPSPSPsPjCí
P°PSP°PjPSPµP·C- C†Pë P· PIC-PrPsPjPëPj PSP°P±CíC,PëPj PíPsPrPsPIP¶PµPSPSC¶Pj
C-PSC,PµC¶PIP°P»Cí QT, P° C,P°PePsP¶ C...PIPsC¶PëC..., C¶PeC- PsC,C¶PëPjCíC¶C,Ch
P»C-PeCíPIP°PSPSC¶ PíC¶PµPíP°C¶P°C,P°PjPë, C°Ps PíPíP»PëPIP°C¶C,Ch PSP°
C,C¶PëPIP°P»C-CfC,Ch C-PSC,PµC¶PIP°P»Cí QTCf (PrPëPI. C¶PsP·PrC-P»
B«P·P·P°C"PjPsPrC-C¶ P· C-PSCëPëPjPë P»C-PeP°C¶CfCHPePëPjPë P·P°CfPsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C"PjPsPrC-PñB»).

P·P·P°C"PjPsPrC-C¶ P· P»C-PeP°C¶CfCHPePëPjPë P·P°CfPsP±P°PjPë.

PñPrPSPsC±P°CfPSPµ P·P°CfC,PsCíCíPIP°PSPSC¶ P· C-PSPrCíPeC,PsC¶P°PjPë CYP3A4
PjPsP¶Pµ PíC¶PëP·PIPµCfC,Pë PrPs P·PSPëP¶PµPSPSC¶ PµC,,PµPeC,PëPIPSPsCfC,C-
P»C-PeP°C¶CfCHPePsPiPs P·P°CfPsP±Cí. P»C-PeP°C¶CfCHPePëPñ P·P°CfC-P±
P P°PSPµPeCfP°^B PSPµ CíP»C-Pr P·P°CfC,PsCíPsPICíPIP°C,Pë PíP°C†C-C"PSC,P°Pj, C¶PeC-
PsC,C¶PëPjCíC¶C,Ch P»C-PeCíPIP°PSPSC¶ C-PSPrCíPeC,PsC¶P°PjPë P°PeC,PëPIPSPsCfC,C-
CYP3A4 (PSP°PíC¶PëPeP»P°Pr C¶PëC,,P°PjPíC-C†PëPS, C,,PµPSC-C,PsC—PS,
C,,PµPSPsP±P°C¶P±C-C,P°P», PeP°C¶P±P°PjP°P·PµPíC-PS, P·PIC-C¶PsP±C-Pñ) (PrPëPI.
C¶PsP·PrC-P» B«P·P·P°C"PjPsPrC-C¶ P· C-PSCëPëPjPë P»C-PeP°C¶CfCHPePëPjPë
P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C"PjPsPrC-PñB»).

PñPëC¶PePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,Ch.

PñPëC¶PePsPIP° C,,CíPSPeC†C-C¶ P·PSPëP¶CíC"C,ChCíC¶ P· PIC-PePsPj, C- C,PsPjCí
PIP°P¶P»PëPIPs PíC¶PsPIPsPrPëC,Pë C¶PµPíCíP»C¶C¶PSCí PíPµC¶PµPIC-C¶PeCí
C,,CíPSPeC†C-C— PSPëC¶PsPe PíC-Pr C±P°Cí P»C-PeCíPIP°PSPSC¶ C¶P°PSPsP»P°P·PëPSPsPj
(PrPëPI. C¶PsP·PrC-P»Pë B«PýPíPsCíC-P± P·P°CfC,PsCíCíPIP°PSPSC¶ C,P° PrPsP·PëB»,
B«PµC¶PsC,PëPíPsPeP°P·P°PSPSC¶B», B«PµPsP±C-C†PSC- C¶PµP°PeC†C-C—B» C,P°
B«PαP°C¶PjP°PePsPeC-PSPµC,PëPeP°B»).

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P»P°PeC,PsP·P°.

P P°PSPµPeCfP°^B 1000 PjC-CfC,PëC,Ch P»P°PeC,PsP·Cí. P»C-PeP°C¶CfCHPePëPñ P·P°CfC-P±
PSPµ CíP»C-Pr P·P°CfC,PsCíPsPICíPIP°C,Pë PíP°C†C-C"PSC,P°Pj C-P· C¶C-PrPeC-CíPSPsCh
PIC¶PsPrP¶PµPSPsCh PSPµPíPµC¶PµPSPsCíPëPjC-CfC,Ch PíP°P»P°PeC,PsP·Pë,
PIC¶PsPrP¶PµPSPsCh PSPµPrPsCfC,P°C,PSC-CfC,Ch P»P°PeC,P°P·Pë P°P±Ps
PíPsC¶CíC¶PµPSPSC¶Pj P°P±CíPsC¶P±C†C-C— PíP»ChPePsP·Pë C,P° PíP°P»P°PeC,PsP·Pë.

PñP°C,C¶C-Pñ.

$P''PsC\acute{I}P\gg C-PrP\Pmu PSPSC\downarrow PIP\ddot{I}P\gg P\ddot{e}PICr\ P\ P^{\circ}PSP\mu PeC\acute{I}P\ddot{e}^{B^{\circ}}\ PSP^{\circ}\ P\cdot PrP^{\circ}C,PSC-C\acute{I}C,CH$
 $PeP\mu C\grave{H}C\acute{r}PIP^{\circ}C,P\ddot{e}\ P^{\circ}PIC,PsC,C\grave{H}P^{\circ}PSC\acute{I}P\ddot{i}PsC\grave{H}C,PsPj\ C\ddagger P\ddot{e}\ C-PSC\epsilon P\ddot{e}PjP\ddot{e}$
 $PjP\mu C...P^{\circ}PSC-P\cdot PjP^{\circ}PjP\ddot{e}\ PSP\mu\ P\ddot{i}C\grave{H}PsPIP_sPrP\ddot{e}P\gg P\ddot{e}C\acute{I}C\downarrow. P\ P^{\circ}PSP\mu PeC\acute{I}P^{\circ}P^{B^{\circ}}\ PjPsP\Pmu$
 $C\acute{I}P\ddot{i}C\grave{H}P\ddot{e}C\ddagger P\ddot{e}PSC\downarrow C,P\ddot{e}\ P\cdot P^{\circ}P\ddot{i}P^{\circ}PjPsC\grave{H}PsC\ddagger P\mu PSPSC\downarrow, C\grave{H}PsP\cdot PjP\ddot{e}C,C-C\acute{I}C,CH\ P\cdot PsC\grave{H}C\acute{r},$
 $PrPIPsC-PSPSC\downarrow\ PI\ PsC\ddagger P^{\circ}C..., C\acute{I}P\ddot{i}P\gg C\acute{r}C,P^{\circ}PSC-C\acute{I}C,CH\ C\acute{I}PIC-PrPsPjPsC\acute{I}C,C-,$
 $P\ddot{i}PsC\grave{H}C\acute{r}C\epsilon P\mu PSPSC\downarrow\ PePsPsC\grave{H}PrP\ddot{e}PSP^{\circ}C\ddagger C-C- C,P^{\circ}\ P\ddot{i}P^{\circ}P\gg C\grave{H}C\ddagger P\ddot{e}PSP^{\circ}C\ddagger C-C- (PrP\ddot{e}PI.$
 $C\grave{H}PsP\cdot PrC-P\gg B\langle P\mu PsP\pm C-C\ddagger PSC- C\grave{H}P\mu P^{\circ}PeC\ddagger C-C-B\rangle), C\%Ps\ PjPsP\Pmu\ PSP\mu P\ddot{i}P^{\circ}C,P\ddot{e}PIPSP_s$

PIPIP»PëPSCfC,Pë PSP° P·PrP°C,PSC-CfC,CH PePµCfCfPIP°C,Pë
P°PIC,PsC,CfP°PSCfPiPsCfC,PsPj C,P° C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë.

PŸPiPsCfC-P± P·P°CfC,PsCfCzPIP°PSPSCf C,P° PrPsP·Pë.

P°PsCfPScfP»C-.

P PµPePsPjPµPSPPrPsPIP°PSP° PiPsCfP°C,PePsPIP° PrPsP·P° PiCfPµPiP°CfP°C,Cf
P P°PSPµPeCfP°^{B®} CfC,P°PSPsPIPëC,CH 500 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf. P§PµCfPµP· 2Bf“4
C,PëP¶PSC- PrPsP·P° P·P° PSPµPsP±C...C-PrPSPsCfC,C- PjPsP¶Pµ P±CfC,Pë
P·P±C-P»CHCëPµPSP° PrPs 1000 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf (PrPëPI. CfPsP·PrC-P»
B«PαP°CfPjP°PePsPrPëPSP°PjC-PeP°B»). P PµPePsPjPµPSPPrPsPIP°PSP°
PjP°PeCfPëPjP°P»CHPSP° PrPsP·P° CfC,P°PSPsPIPëC,CH 1000 PjPi 2 CfP°P·Pë PSP° PrPsP±Cf.
PiPeC%Ps Cf C...PIPsCfPsPiPs CfPiPsCfC,PµCfC-PiP°CfC,CHCfCf PiPsP±C-CfPSC-
CfPIPëC%P°, CfPiCfPëCfPëPSPµPSC- P·P°CfC,PsCfCfPIP°PSPSCfPj
P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf (PSP°PiCfPëPeP»P°Pr P·P°PiP°PjPsCfPsCfPµPSPSCf,
PSCfPrPsC,P°, P±P»CHPIP°PSPSCf), C,Ps PrPsP·P° P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf
P P°PSPµPeCfP°^{B®} PjPsP¶Pµ P±CfC,Pë P·PSPëP¶PµPSP° (C,PëC,CfCfPIP°PSPSCf).
P»C-PeCfPIP°PSPSCf PiCfPëPiPëPSCfCfC,CH, CfPeC%Ps PiPsP±C-CfPSC- CfPµP°PeCfC-C—
PSPµ PiCfPsC...PsPrCfC,CH PiC-CfP»Cf P·PSPëP¶PµPSPSCf PrPsP·Pë.

PhPrPSPsCfP°CfPSPµ P»C-PeCfPIP°PSPSCf C-PSPiC-P±C-C,PsCfP°PjPë CYP3A4 C,P°
C-PSPiC-P±C-C,PsCfP°PjPë P-gp.

P PµC,PµP»CHPSPëPµ PiC-PrP±C-Cf PrPsP·Pë CfPµPePsPjPµPSPPrCfC”C,CHCfCf
PiP°CfC-C”PSC,P°Pj, CfPeC- PsC,CfPëPjCfCfC,CH P»C-PeCfPIP°PSPSCf PiPsPjC-CfPSPëPjPë
C-PSPiC-P±C-C,PsCfP°PjPë CYP3A4 (PSP°PiCfPëPeP»P°Pr PrPëP»C,C-P°P·PµPj,
C„P»CHPePsPSP°P·PsP», PµCfPëC,CfPsPjC-CfPëPS) P°P±Ps C-PSPiC-P±C-C,PsCfP°PjPë P-gp
(PSP°PiCfPëPeP»P°Pr PIPµCfP°PiP°PjC-P», CfPëPeP»PsCfPiPsCfPëPS) (PrPëPI. CfPsP·PrC-P»Pë
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB» C,P° B«P’P·P°C”PjPsPrC-Cf P·
C-PSCëPëPjPë P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë
PIP·P°C”PjPsPrC-PNëB»).

PhPrPSPsCfP°CfPSPµ P·P°CfC,PsCfCfPIP°PSPSCf P· PiPsC,CfP¶PSPëPjPë
C-PSPiC-P±C-C,PsCfP°PjPë CYP3A4 PiCfPsC,PëPiPsPeP°P·P°PSPµ (PrPëPI. CfPsP·PrC-P»Pë
B«PµCfPsC,PëPiPsPeP°P·P°PSPSCfB» C,P° B«P’P·P°C”PjPsPrC-Cf P· C-PSCëPëPjPë
P»C-PeP°CfCfCHPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»).

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PkPëCfPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH.

PfPIPsCfPëPj P· PSPëCfPePsPIPsCf PSPµPrPsCfC,P°C,PSC-CfC,Cf P»PµPiPePsPiPs C,P°
CfPµCfPµPrPSCfPsPiPs CfC,CfPiPµPSCf C,CfP¶PePsCfC,C- (PeP»C-CfPµPSCf
PeCfPµP°C,PëPSC-PSCf 30Bf“80 PjP»/C...PI) CfPµPePsPjPµPSPPrCfC”C,CHCfCf
PsP±PµCfPµP¶PSPëPµ PiC-PrP±C-Cf PrPsP·Pë (PrPëPI. CfPsP·PrC-P»Pë
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB», B«PµPsP±C-CfPSC-
CfPµP°PeCfC-C—B» C,P° B«PαP°CfPjP°PePsPeC-PSPµC,PëPeP°B»). P P°PSPµPeCfP°^{B®}
PiCfPsC,PëPiPsPeP°P·P°PSP° PiP°CfC-C”PSC,P°Pj C-P· C,CfP¶PePsCf PSPëCfPePsPIPsCf
PSPµPrPsCfC,P°C,PSC-CfC,Cf (PeP»C-CfPµPSCf PeCfPµP°C,PëPSC-PSCf < 30 PjP»/C...PI)

(PrPëPI. CĥPsP·PrC-P»Pë B«PĥCĥPsC,PëPĥPsPeP°P·P°PSPSCĭB» C,P°
B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

PĥPμC‡C-PSPePsPIP° PSPμPrPsCĭC,P°C,PSC-CĭC,CH.

PĭPIPsCĥPëPj PSP° PĥPμC‡C-PSPePsPICr PSPμPrPsCĭC,P°C,PSC-CĭC,CH P»PμPiPePsPiPs
CĭC,CrPiPμPSCĭ C,CĭP¶PePsCĭC,C- CĥPμPePsPjPμPSPPrCfC”C,CHCĭCĭ PsP±PμCĥPμP¶PSPëPN₀
PĭC-PrP±C-Cĥ PrPsP·Pë (PrPëPI. CĥPsP·PrC-P»Pë B«PĥCĭPsP±P»PëPIPsCĭC,C-
P·P°CĭC,PsCĭCfPIP°PSPSCĭB» C,P° B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»). P P°PSPμPeCĭP°^{B®}
PĭCĥPsC,PëPĥPsPeP°P·P°PSP° PĥP°C†C-C”PSC,P°Pj C-P· PĥPμC‡C-PSPePsPIPSCĥ
PSPμPrPsCĭC,P°C,PSC-CĭC,CH CĭPμCĥPμPrPSCĥPsPiPs C,P° C,CĭP¶PePsPiPs CĭC,CrPiPμPSCĭ
C,CĭP¶PePsCĭC,C- (PrPëPI. CĥPsP·PrC-P»Pë B«PĥCĥPsC,PëPĥPsPeP°P·P°PSPSCĭB» C,P°
B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

PĥP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCĭ.

PĥC-PrP±C-Cĥ PrPsP·Pë PrP»Cĭ PĥP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCĭ CĭP»C-Pr
PĭCĥPsPIPSPPrPëC,Pë P· PsP±PμCĥPμP¶PSC-CĭC,CH (PrPëPI. CĥPsP·PrC-P»
B«PĥCĭPsP±P»PëPIPsCĭC,C- P·P°CĭC,PsCĭCfPIP°PSPSCĭB»). Pj P»C-C,PSCHPsPjCr PIC-C†C-
PrC-Cĭ CĥP°PSPSP»P°P·PëPSCr PjPsP¶Pμ PĥPsCĭPëP»PëC,PëCĭCĭ C‡PμCĥPμP· PjPsP¶P»PëPIPμ
PIC-PePsPIPμ P·PSPëP¶PμPSPSCĭ C,CrPSPeC†C-C— PSPëCĥPsPe (PrPëPI. CĥPsP·PrC-P»
B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»). Pj C...PIPsCĥPëC... P»C-C,PSCHPsPiPs PIC-PeCĭ
PIC-PrPjC-C‡P°C”C,CHCĭCĭ PĭC-PrPIPëC%₀PμPSP° C‡P°CĭC,PsC,P° PIPëPSPëPePSPμPSPSCĭ
PĥPsP±C-C‡PSPëC... CĥPμP°PeC†C-PN₀ (PrPëPI. CĥPsP·PrC-P» B«PĥPsP±C-C‡PSC-
CĥPμP°PeC†C-C—B»).

PĥPëP·CHPeP° PjP°CĭP° C,C-P»P°.

PŞP°CĭC,PsC,P° PIPëPSPëPePSPμPSPSCĭ PĥPsP±C-C‡PSPëC... CĥPμP°PeC†C-PN₀
PĭC-PrPIPëC%₀PμPSP° Cr PĥP°C†C-C”PSC,C-PI C-P· PSPëP·CHPePsCĥ PjP°CĭPsCĥ C,C-P»P° (≤
60 PePi). PĥC-PrP±C-Cĥ PrPsP·Pë PrP»Cĭ PĥP°C†C-C”PSC,C-PI C-P· PSPëP·CHPePsCĥ
PjP°CĭPsCĥ C,C-P»P° PjP°C” PĭCĥPsPIPSPPrPëC,PëCĭCĭ P· PsP±PμCĥPμP¶PSC-CĭC,CH (PrPëPI.
CĥPsP·PrC-P»Pë B«PĥCĭPsP±P»PëPIPsCĭC,C- P·P°CĭC,PsCĭCfPIP°PSPSCĭB»,
B«PĥPsP±C-C‡PSC- CĥPμP°PeC†C-C—B» C,P° B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

P—P°CĭC,C-PN₀PSP° CĭPμCĥC†PμPIP° PSPμPrPsCĭC,P°C,PSC-CĭC,CH (P—PŸPĥ).

PĥC-PrP±C-Cĥ PrPsP·Pë PĥPsPIPëPSPμPS PĭCĥPsPIPSPPrPëC,PëCĭCĭ P·
PsP±PμCĥPμP¶PSC-CĭC,CH PrP»Cĭ C...PIPsCĥPëC... C-P· P—PŸPĥ CĭPμCĥPμPrPSCĥPsPiPs
P°P±Ps C,CĭP¶PePsPiPs CĭC,CrPiPμPSCĭ (PeP»P°CĭPë NYHA IIIБĥ”IV) (PrPëPI. CĥPsP·PrC-P»Pë
B«PĥCĭPsP±P»PëPIPsCĭC,C- P·P°CĭC,PsCĭCfPIP°PSPSCĭB» C,P°
B«PᄡP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

PŸPĥPsCĭC-P± P·P°CĭC,PsCĭCfPIP°PSPSCĭ.

P P°PSPμPeCĭCr^{B®}, C,P°P±P»PμC,PePë PĭCĥPsP»PsPSPiPsPIP°PSPsC— PrC-C—, CĭP»C-Pr
PePsPIC,P°C,Pë C†C-P»PëPjPë, PSPμ PĥPsPrCĥC-P±PSCĥCĥC‡Pë, PSPμ P»P°PjP°CĥC‡Pë C,P°
PSPμ CĥPsP·P¶PsPICrCĥC‡Pë. P>C-PeP°CĥCĭCHPePëPN₀ P·P°CĭC-P± PjPsP¶PSP°
PĭCĥPëPN₀PjP°C,Pë P· C—P¶PμCĥ P°P±Ps P±PμP· C—P¶C—.

P”C-C,Pë.

С҃҃С-РrPePs ($\geq 1/10000$ PrPs $< 1/1000$), PrCfP¶Pµ С҃҃С-РrPePs ($< 1/10000$).

P— P±PsPeCf PsP±PjC-PSCf С҃҃PµC±PsPIPёPS C,P° C...P°С҃҃C±CfPIP°PSPSC¶.

РќPµC±P°CfC,Ps: P°PSPс҃҃PµPeCfC-С¶, P·PSPёP¶PµPSPSC¶ P°PµC,PёC,Cf, PrPµPiC-PrC҃҃P°C,P°C†C-С¶.

P C-РrPePs: PiC-PµPsPSP°C,С҃҃С-C"РjC-С¶.

P— P±PsPeCf PiCfPёC...C-PePё.

РќPµC±P°CfC,Ps: C,С҃҃PёPIPsPiP°, P±PµP·CfPsPSPSC¶, CfPiP»CfC,P°PSC-CfC,С҃҃ CfPIC-PrPsPjPsCfC,C-, PiP°P»С҃҃C†PёPSP°C†C-C—.

P C-РrPePs: PrPµP·PsС҃҃С-C"PSC,P°C†C-С¶.

P— P±PsPeCf PSPµС҃҃PIPsPIPsC— CfPёCfC,PµPjPё.

Р§P°CfC,Ps: P·P°PiP°PjPsС҃҃PsC±PµPSPSC¶, PiPsP»PsPIPsPёPµ P±C-P»С҃҃.

РќPµC±P°CfC,Ps: P·P°PiP°P»С҃҃PjPsPIPsPSC-CfC,С҃҃, PSPµPiC҃҃PёC,PsPjPSC-CfC,С҃҃, PiC-PµPiCfC,PµP·C-С¶, CfPsPSP»PёPIC-CfC,С҃҃, C,С҃҃PµPjPsС҃҃, PiPsCfC,CfС҃҃P°P»С҃҃PSPµ P·P°PiP°PjPsС҃҃PsC±PµPSPSC¶, PiP°С҃҃PµCfC,PµP·C-С¶.

P C-РrPePs: P°PjPSPµP·C-С¶, PiPsPjCfC,PSC-PSPSC¶ CfPIC-PrPsPjPsCfC,C-, PIC,С҃҃P°C,P° CfPIC-PrPsPjPsCfC,C-, PiPsС҃҃CfCёPµPSPSC¶ PePsPsС҃҃PrPёPSP°C†C-C—, PiPsС҃҃CfCёPµPSPSC¶ C...PsPrPё, PiP°С҃҃PsCfPjC-С¶.

Р§P°CfC,PsC,P° PSPµPIC-PrPsPjP°: PjC-PsPeP»PsPSC-С¶.

P— P±PsPeCf PsС҃҃PiP°PSC-PI P·PsС҃҃Cf.

РќPµC±P°CfC,Ps: С҃҃PsP·PjPёC,C-CfC,С҃҃ P·PsС҃҃Cf, P·PsС҃҃PsPIC- С҃҃PsP·P»P°PrPё, PrPёPiP»PsPiC-С¶.

P— P±PsPeCf PsС҃҃PiP°PSC-PI CfP»CfC...Cf C,P° С҃҃С-PIPsPsPIPsPiPё.

РќPµC±P°CfC,Ps: PiPsP»PsPIPsPeС҃҃CfP¶C-PSPSC¶, CёCfPj Cf PICfC...P°C....

P C-РrPePs: P·PSPёP¶PµPSPSC¶ CfP»CfC...Cf.

P— P±PsPeCf CfCfPrPёPSPSPSC— CfPёCfC,PµPjPё.

РќPµC±P°CfC,Ps: PiС҃҃PёPiP»PёPIPё, PiC-PµPsC,PµPSP·C-С¶.

P C-РrPePs: PiPµС҃҃PёC,,PµС҃҃PёC±PSPµ PiPsC...PsP»PsPrC-PSPSC¶, PsС҃҃С,PsCfC,P°C,PёC±PSP° PiC-PµPsC,PµPSP·C-С¶.

P— P±PsPeCf PrPёC...P°P»С҃҃PSPSC— CfPёCfC,PµPjPё.

РќPµC±P°CfC,Ps: P·P°PrPёCёPeP°, PeP°CёPµP»С҃҃, PSPс҃҃PsPIC- PeС҃҃PsPIPsC,PµC±C- (PµPiC-C,P°PeCfPёCf).

P C-РrPePs: PIC-PrC±CfC,C,С¶ CfC,PёCfPeP°PSPSC¶ Cf PiPsС҃҃P»C-.

P— P±PsPeCf C,CḡP°PIPSPsC— CḡPëCḡC,PμPjPë.

PḡP°CḡC,Ps: P·P°PīPsCḡPë, P±P»CḡPIP°PSPSCḡ, PSCfPrPsC,P°.

PkPμC‡P°CḡC,Ps: P°P±PrPsPjC-PSP°P»CḡPSPëPNë P±C-P»Cḡ, CḡCfC...C-CḡC,Cḡ Cḡ CḡPsC,C-, PrPëCḡPīPμPīCḡC-Cḡ, PjPμC,PμPsCḡPëP·Pj, CëP»CḡPSPePsPIPëPNë PrPëCḡPePsPjC,,PsCḡC,.

P C-PrPePs: PīP°PSPeCḡPμP°C,PëC,, PμCḡPsP·PëPIPSPëPNë PrCfPsPrPμPSC-C,, PsCḡP°P»CḡPSP° PiC-PīPμCḡC,PμP·C-Cḡ.

P— P±PsPeCf CëPeC-CḡPë C,P° PīC-PrCëPeC-CḡPSPs-PḡPëCḡPsPIPsC— PeP»C-C,PePsPIPëPSPë.

PkPμC‡P°CḡC,Ps: CḡPIPμCḡP±C-Pḡ, PiC-PīPμCḡPiC-PrCḡPsP·.

P C-PrPePs: P°PSPiC-PsPSP°P±CḡCḡPe, P°P»PμCḡPiC-C‡PSPëPNë PrPμCḡPjP°C,PëC,, PeCḡPsPīPëPībḡ™ CḡPSPeP°, C...PsP»PsPrPSPëPNë PīC-C,, PIPëCḡPëPīP°PSPSCḡ.

P— P±PsPeCf PsPīPsCḡPSPs-CḡCfC...PsPIPsPiPs P°PīP°CḡP°C,Cf C,P° CḡPīPsP»CḡC‡PSPsC— C,PeP°PSPëPSPë.

PkPμC‡P°CḡC,Ps: P±C-P»Cḡ Cḡ PeC-PSC†C-PIPeP°C..., Pjḡḡ™ CḡP·PsPIC- CḡPīP°P·PjPë, PSP°P±CḡCḡPe CḡCfPiP»PsP±C-PI, Pjḡḡ™ CḡP·PsPIP° CḡP»P°P±PeC-CḡC,Cḡ.

P— P±PsPeCf PSPëCḡPsPe C,P° CḡPμC‡PsPIPëPIC-PrPSPëC... CëP»CḡC...C-PI.

PkPμC‡P°CḡC,Ps: PrPëP·CḡCḡC-Cḡ, PiPμPjP°C,CḡCḡC-Cḡ, C...CḡPsPjP°C,CḡCḡC-Cḡ.

P C-PrPePs: PiPsCḡC,CḡP° PSPëCḡPePsPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ, P·P°C,CḡPëPjPeP° CḡPμC‡C-.

P— P±PsPeCf CḡPμPīCḡPsPrCfPeC,PëPIPSPsC— CḡPëCḡC,PμPjPë C,P° PjPsP»PsC‡PSPëC... P·P°P»PsP·.

P C-PrPePs: PμCḡPμPeC,PëP»CḡPSP° PrPëCḡC,,CḡPSPeC†C-Cḡ.

PḡPëCḡC,PμPjPSC- PīPsCḡCfCëPμPSPSCḡ.

PḡP°CḡC,Ps: P°CḡC,PμPSC-Cḡ.

PkPμC‡P°CḡC,Ps: PIC,PsPjP»CḡPIP°PSC-CḡC,Cḡ, PīPμCḡPëC,,PμCḡPëC‡PSC- PSP°P±CḡCḡPePë.

P°P°PSC- PrPsPrP°C,PePsPIPëC... PrPsCḡP»C-PrPḡPμPSCḡ.

PkPμC‡P°CḡC,Ps: PīC-PrPIPëC%PμPSPëPNë CḡC-PIPμPSCḡ PeCḡPμP°C,PëPSC-PSCf PI PeCḡPsPIC-, PīC-PrPIPëC%PμPSPëPNë CḡC-PIPμPSCḡ CḡPμC‡PsPIPëPSPë Cḡ PeCḡPsPIC-, PīPsPrPsPIPḡPμPSPSCḡ PePsCḡPëPiPsPIP°PSPsPiPs C-PSC,PμCḡPIP°P»Cḡ QT, PīC-PrPIPëC%PμPSPSCḡ PeC-P»CḡPePsCḡC,C- C,CḡPsPjP±PsC†PëC,C-PI P°P±Ps P»PμPNëPePsC†PëC,C-PI, P·PSPëPḡPμPSPSCḡ PjP°CḡPë C,C-P»P°.

P C-PrPePs: PīC-PrPIPëC%PμPSPSCḡ CḡC-PIPSCḡ C,,PμCḡPjPμPSC,C-PI PīPμC‡C-PSPePë.

PμCḡPsC,,C-P»Cḡ PīPsP±C-C‡PSPëC... CḡPIPëC% PI C†C-P»PsPjCḡ CḡC...PsPḡPëPNë P· PīCḡPsC,,C-P»PμPj, PsC,CḡPëPjP°PSPëPj PīC-Pr C‡P°Cḡ PrPsCḡP»C-PrPḡPμPSPSCḡ MERLIN-

TIMI 36. P' C†CHbPsPjC† PrPsPIPiPsC†C, C†PsPePsPIPsPjC† PrPsC†P»C-PrP¶PµPSPSC-
 PīPsPIC-PrPsPjP»C¶P»PsC†CHb C, P°PePsP¶ PīC†Ps PIPēPSPēPePSPµPSPSC¶
 PiPsC†C, C†PsC— PSPēC†PePsPIPsC— PSPµPrPsC†C, P°C, PSPsC†C, C- P·
 C†P°C†C, PsC, PsC† PjPµPSC€Pµ 1 % C† PīP°C†C-C"psc, C-PI, C¶PeC-
 PsC, C†PēPjC†PIP°P»Pē PīP»P°C†PµP±Ps C- C†P°PSPsP»P°P·PēPS.
 PhC†C-PSC†PIP°PSPSC¶, PīC†PsPIPµPrPµPSC- C†C, PsC†PsPIPsPs PīP°C†C-C"psc, C-PI,
 C¶PeC- PjPsP¶C†C, CHb P±C†C, Pē PIC-PrPSPµC†PµPSC- PrPs PiC†C†PīPē
 PīC-PrPIPēC%PµPSPsPiPs C†PēP·PēPeC† PIPēPSPēPePSPµPSPSC¶ PīPsP±C-C†PSPēC...
 C¶PIPēC% PīC†Pē C, PµC†P°PīC-C— C-PSC€PēPjPē
 P°PSC, PēP°PSPiC-PSP°P»CHbPSPēPjPē P»C-PeP°C†C†CHbPePēPjPē P·P°C†PsP±P°PjPē,
 PSP°PīC†PēPeP»P°Pr PīP°C†C-C"psc, C-PI C-P· PrC-P°P±PµC, PsPj, C†PµC†PµPIPsC†
 PSPµPrPsC†C, P°C, PSC-C†C, C† P† C, P° P†P† PeP»P°C†C-PI P°P±Ps
 PsP±C†C, C†C†PeC, PēPIPSPēPjPē P·P°C...PIPsC†CHbPIP°PSPSC¶PjPē
 PrPēC...P°P»CHbPSPēC... C€P»C¶C...C-PI, PīC-PrC, PIPµC†PrPēP»Pē, C%Ps C†C-
 C†C, P°PSPē PSPµ P±C†P»Pē PīPsPiB†™ C¶P·P°PSC- C-P· PeP»C-PSC-C†PSPs
 P·PSP°C†PēPjPēPjPē PīC-PrPIPēC%PµPSPSC¶PjPē C†P°C†C, PsC, Pē
 PIPēPSPēPePSPµPSPSC¶ PīPsP±C-C†PSPēC... C¶PIPēC%.

PµC-PrPIPēC%PµPSPSC¶ C†P°C†C, PsC, Pē PIPēPSPēPePSPµPSPSC¶ PīPsP±C-C†PSPēC...
 C¶PIPēC% C†PīPsC†C, PµC†C-PiP°P»PsC†CHb C† PīP°C†C-C"psc, C-PI, C¶PeC-
 P·P°C†C, PsC†PsPIC†PIP°P»Pē C†P°PSPsP»P°P·PēPS PīC-Pr C†P°C† PrPsC†P»C-PrP¶PµPSPSC¶
 RIVER-PCI (PrPēPI. C†PsP·PrC-P» B«PαP°C†PjP°PePsPrPēPSP°PjC-PeP°B»). PµC-Pr C†P°C†
 C†CHbPsPiPs PrPsC†P»C-PrP¶PµPSPSC¶ PīP°C†C-C"psc, Pē P· PSPµPiPsPIPsC†
 C†PµPIP°C†PeC†P»C¶C†PēP·P°C†C-C"CH PīC-C†P»C¶ C†PµC†PµP·C€PeC-C†PSPsPiPs
 PePsC†PsPSP°C†PSPsPiPs PIC, C†C†C†P°PSPSC¶ PsC, C†PēPjC†PIP°P»Pē PrPs 1000 PjPi
 C†P°PSPsP»P°P·PēPSC† PrPIP° C†P°P·Pē PSP° PrPsP±C† C†Pē PīP»P°C†PµP±Ps
 PīC†PsC, C¶PiPsPj 70-C, Pē C, PēP¶PSC-PI. PµC-Pr C†P°C† C†CHbPsPiPs
 PrPsC†P»C-PrP¶PµPSPSC¶ C†P°C†C, C-C€Pµ PīPsPIC-PrPsPjP»C¶P»PsC†CHb PīC†Ps
 P·P°C†C, C-PN₆PSC† C†PµC†PµPIC† PSPµPrPsC†C, P°C, PSC-C†C, CHb C† PiC†C†PīC-, C%Ps
 P·P°C†C, PsC†PsPIC†PIP°P»P° C†P°PSPsP»P°P·PēPS (2,2 % PīPsC†C-PIPsC¶PSPs P· 1,0 % PI
 PiC†C†PīC- PīP»P°C†PµP±Ps).

PŷP°PePsP¶ C, C†P°PSP·PēC, PsC†PSC- C-C€PµPjC-C†PSC- P°C, P°PePē C, C†P°PīP»C¶P»PēC†C¶
 C†P°C†C, C-C€Pµ C† PīP°C†C-C"psc, C-PI, C¶PeC- P·P°C†C, PsC†PsPIC†PIP°P»Pē 1000 PjPi
 C†P°PSPsP»P°P·PēPSC† PrPIC-C†C- PSP° PrPsP±C†, PīPsC†C-PIPsC¶PSPs C-P·
 PīP°C†C-C"psc, P°PjPē, C¶PeC- P·P°C†C, PsC†PsPIC†PIP°P»Pē PīP»P°C†PµP±Ps (1,0 %
 PīPsC†C-PIPsC¶PSPs P· 0,2 % PIC-PrPīPsPIC-PrPSPs); PsPrPSP°Pe C†P°C†C, PsC, P°
 PIPēPSPēPePSPµPSPSC¶ C-PSC†C†P»CHbC, C† PSPµ PIC-PrC†C-P·PSC¶P»P°C†CHb C† C†PēC...
 C, PµC†P°PīPµPIC, PēC†PSPēC... PiC†C†Pī (1,7 % PI PiC†C†PīC- P·P°C†C, PsC†PsPIC†PIP°PSPSC¶
 C†P°PSPsP»P°P·PēPSC†, PīPsC†C-PIPsC¶PSPs P· 1,5 % PI PiC†C†PīC- C-P· PīP»P°C†PµP±Ps).

P>C-C, PSC-PN₆ PIC-Pe, PSPēC†PePsPIP° PSPµPrPsC†C, P°C, PSC-C†C, CHb C, P° PSPēP·CHbPeP°
 PjP°C†P° C, C-P»P°.

Pj C†C-P»PsPjC†, PīPsP±C-C†PSC- C†PµP°PeC†C-C— PIPēPSPēPeP°P»Pē C†P°C†C, C-C€Pµ C†
 PīP°C†C-C"psc, C-PI P»C-C, PSC†PsPiPs PIC-PeC† C, P° PīP°C†C-C"psc, C-PI P·
 PSPēC†PePsPIPsC† PSPµPrPsC†C, P°C, PSC-C†C, C†, PsPrPSP°Pe C, PēPīPē C¶PIPēC% C†
 C†PēC... PīC-PrPiC†C†PīP°C... P±C†P»Pē C†C...PsP¶PēPjPē P· C, PēPjPē, C%Ps
 C†PiPsC†C, PµC†C-PiP°P»PēC†C¶ PI P·P°PiP°P»CHbPSC-PN₆ PiC†C†PīC- PīP°C†C-C"psc, C-PI. Pj
 PīP°C†C-C"psc, C-PI P»C-C, PSC†PsPiPs PIC-PeC† (³ 75 C†PsPeC-PI) PīPsC†C-PIPsC¶PSPs P·

$P \pm C - P \gg CHC \in PjPsP \gg PsPrP \ddot{e} PjP \ddot{e} C \dots PIPsC \ddot{H} P \ddot{e} PjP \ddot{e} C \dots$ (75 $C \ddot{H} PsPeC - PI$) $P \ddot{e} C \ddot{H} P \ddot{e}$
 $P \cdot P^{\circ} C \ddot{I} C, PsC \ddot{I} C r PIP^{\circ} PSPSC - P \ddot{e} C \ddot{H} P \ddot{e} P \ddot{e} P^{\circ} C \ddot{H} P^{\circ} C, C r P P^{\circ} PSP \mu PeC \ddot{I} P^{\circ B \otimes}$ ($P \ddot{e} P \gg P^{\circ} C \ddot{I} P \mu P \pm Ps -$
 $C \ddot{I} PePsC \ddot{H} P \ddot{e} P \ddot{e} P \ddot{e} PIP^{\circ} PSP^{\circ} C \ddot{I} P^{\circ} C \ddot{I} C, PsC, P^{\circ}$) $C \ddot{I} P^{\circ} C \ddot{I} C, C - C \in P \mu P \cdot C r C \ddot{I} C, C \ddot{H} C - C \ddot{I} P^{\circ} P \gg P \ddot{e} C \ddot{I} C \ddot{I}$
 $C, P^{\circ} PeC - P \ddot{e} PsP \pm C - C \ddot{I} PSC - C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - C \ddot{I} P \ddot{e} P \cdot P^{\circ} P \ddot{e} PsC \ddot{H} (8 \% C - 5 \%), PSC r PrPsC, P^{\circ} (6 \%$
 $C - 3 \%), P \ddot{e} C - P \ddot{e} PsC, P \mu PSP \cdot C - C \ddot{I} (5 \% C - 1 \%) C - P \pm P \gg C \ddot{H} PIP^{\circ} PSPSC \ddot{I} (4 \% C - 1 \%).$

$Pj C \dots PIPsC \ddot{H} P \ddot{e} C \dots P \cdot PSP \ddot{e} C \ddot{H} PePsPIP sC \ddot{H} PSP \mu PrPsC \ddot{I} C, P^{\circ} C, PSC - C \ddot{I} C, C \ddot{H} P \gg P \mu P \ddot{e} PsPiPs$
 $P^{\circ} P \pm Ps P \ddot{e} PsPjC - C \ddot{H} PSP sPiPs C \ddot{I} C, C r P \ddot{e} P \mu PSC \ddot{I} C, C \ddot{I} P \ddot{e} PePsC \ddot{I} C, C - (PeP \gg C - C \ddot{H} P \mu PSC \ddot{I}$
 $PeC \ddot{H} P \mu P^{\circ} C, P \ddot{e} PSC - PSC r^3 30 B \ddot{H} "80 PjP \gg / C \dots PI) P \ddot{e} PsC \ddot{H} C - PIPSC \ddot{I} PSP s P \cdot C \dots PIPsC \ddot{H} P \ddot{e} PjP \ddot{e} P \cdot$
 $PSP sC \ddot{H} PjP^{\circ} P \gg CHB PSP sC \ddot{H} C, C r PSPeC \ddot{I} C - C \ddot{H} PSP \ddot{e} C \ddot{H} PsPe (PeP \gg C - C \ddot{H} P \mu PSC \ddot{I}$
 $PeC \ddot{H} P \mu P^{\circ} C, P \ddot{e} PSC - PSC r > 80 PjP \gg / C \dots PI) P \cdot C r C \ddot{H} P^{\circ} C \dots C r PIP^{\circ} PSPSC \ddot{I} Pj P \ddot{e} P \gg P^{\circ} C \ddot{I} P \mu P \pm Ps -$
 $C \ddot{I} PePsC \ddot{H} P \ddot{e} P \ddot{e} P \ddot{e} PIP^{\circ} PSP sC \ddot{H} C \ddot{I} P^{\circ} C \ddot{I} C, PsC, P \ddot{e} P \ddot{e} C \ddot{H} P \ddot{e} P \cdot P^{\circ} C \ddot{I} C, PsC \ddot{I} C r PIP^{\circ} PSPSC -$
 $P \ddot{e} C \ddot{H} P \mu P \ddot{e} P^{\circ} C \ddot{H} P^{\circ} C, C r C \ddot{I} P^{\circ} C \ddot{I} C, C - C \in P \mu PIP \ddot{e} PSP \ddot{e} PeP^{\circ} P \gg P \ddot{e} P \cdot P^{\circ} P \ddot{e} PsC \ddot{H} (8 \% C - 4 \%),$
 $P \cdot P^{\circ} P \ddot{e} P \ddot{e} PjPsC \ddot{H} PsC \ddot{I} P \mu PSPSC \ddot{I} (7 \% C - 5 \%) C, P^{\circ} PSC r PrPsC, P^{\circ} (4 \% C - 2 \%).$

$P \ddot{e} Pe P \ddot{e} C \ddot{H} P^{\circ} PIP \ddot{e} P \gg Ps, C, P \ddot{e} P \ddot{e} C, P^{\circ} C \ddot{I} P^{\circ} C \ddot{I} C, PsC, P^{\circ} P \ddot{e} PsP \pm C - C \ddot{I} PSP \ddot{e} C \dots C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - P N \ddot{e}, C \% Ps$
 $PIC - PrPjC - C \ddot{I} P^{\circ} P \gg P \ddot{e} C \ddot{I} C \ddot{I} C r C \dots PIPsC \ddot{H} P \ddot{e} C \dots P \cdot PSP \ddot{e} P \cdot CHB PePsC \ddot{H} PjP^{\circ} C \ddot{I} PsC \ddot{H} C, C - P \gg P^{\circ}$
 $(\leq 60 PePi), P \pm C r P \gg P \ddot{e} C \ddot{I} C \dots PsP \ddot{e} C - P \cdot P \ddot{e} PsPrC - P \pm PSP \ddot{e} PjP \ddot{e} C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - C \ddot{I} PjP \ddot{e} C r$
 $C \dots PIPsC \ddot{H} P \ddot{e} C \dots P \cdot P \pm C - P \gg CHC \in PIP \ddot{e} C \ddot{I} PsPePsC \ddot{H} PjP^{\circ} C \ddot{I} PsC \ddot{H} C, C - P \gg P^{\circ} (> 60 PePi),$
 $PsPrPSP^{\circ} Pe C r C \dots PIPsC \ddot{H} P \ddot{e} C \dots P \cdot PSP \ddot{e} P \cdot CHB PePsC \ddot{H} PjP^{\circ} C \ddot{I} PsC \ddot{H} C, C - P \gg P^{\circ} P \ddot{e} P \gg P^{\circ} C \ddot{I} P \mu P \pm Ps -$
 $C \ddot{I} PePsC \ddot{H} P \ddot{e} P \ddot{e} P \ddot{e} PIP^{\circ} PSP^{\circ} C \ddot{I} P^{\circ} C \ddot{I} C, PsC, P^{\circ} P \pm C r P \gg P^{\circ} PIP \ddot{e} C \% PsC \ddot{H} PrP \gg C \ddot{I} C, P^{\circ} PeP \ddot{e} C \dots$
 $C \ddot{H} PsP \cdot P \ddot{e} PsPIC \ddot{I} C \ddot{H} PrP \ddot{e} P \mu PSP \ddot{e} C \dots C \ddot{I} PIP \ddot{e} C \% , C \ddot{I} Pe PSC r PrPsC, P^{\circ} (14 \% C, P^{\circ} 2 \%),$
 $P \pm P \gg C \ddot{H} PIP^{\circ} PSPSC \ddot{I} (6 \% C, P^{\circ} 1 \%) C, P^{\circ} P^{\circ} C \ddot{H} C, P \mu C \ddot{H} C - P^{\circ} P \gg CHB PSP^{\circ} P \ddot{e} C - P \ddot{e} PsC, P \mu PSP \cdot C - C \ddot{I}$
 $(4 \% C, P^{\circ} 2 \%).$

$P \gg P^{\circ} P \pm PsC \ddot{H} P^{\circ} C, PsC \ddot{H} PSC - P \ddot{e} PsPeP^{\circ} P \cdot PSP \ddot{e} PeP \ddot{e} .$

$Pj P \cdot PrPsC \ddot{H} PsPIP \ddot{e} C \dots PrPsP \pm C \ddot{H} PsPIP sP \gg CHC \ddot{I} C - PI C, P^{\circ} C r C \dots PIPsC \ddot{H} P \ddot{e} C \dots, C \ddot{I} PeC -$
 $P \cdot P^{\circ} C \ddot{I} C, PsC \ddot{I} PsPIC r PIP^{\circ} P \gg P \ddot{e} P \ddot{e} C \ddot{H} P \mu P \ddot{e} P^{\circ} C \ddot{H} P^{\circ} C, P P^{\circ} PSP \mu PeC \ddot{I} P^{\circ B \otimes}, P \pm C r P \gg Ps$
 $PIC - PrPjC - C \ddot{I} P \mu PSP s PSP \mu P \cdot PSP^{\circ} C \ddot{I} PSP \mu PsP \pm PsC \ddot{H} PsC, PSP \mu P \ddot{e} C - PrPIP \ddot{e} C \% P \mu PSPSC \ddot{I}$
 $C \ddot{H} C - PIPSC \ddot{I} PeC \ddot{H} P \mu P^{\circ} C, P \ddot{e} PSC - PSC r C \ddot{I} P \ddot{e} C \ddot{H} PsPIP^{\circ} C, PeP \ddot{e} PeC \ddot{H} PsPIC -, C \% Ps PSP \mu PjP^{\circ} C$
 $PeP \gg C - PSC - C \ddot{I} PSP sC \ddot{H} P \cdot PSP^{\circ} C \ddot{I} C r C \% PsC \ddot{I} C, C -. P \ddot{e} C \ddot{I} Pj C \ddot{I} PIP \ddot{e} C \% P \mu Pj PSP \mu P \pm C r P \gg P^{\circ}$
 $P \ddot{e} PsPiB \ddot{H} \text{ } ^{\text{TM}} C \ddot{I} P \cdot P^{\circ} PSP^{\circ} PSP \ddot{e} C \ddot{H} PePsPIP^{\circ} PSP \mu PrPsC \ddot{I} C, P^{\circ} C, PSC - C \ddot{I} C, CH.$
 $P^{\circ} PsC \ddot{I} P \gg C - PrP \ddot{e} P \mu PSPSC \ddot{I} PSP \ddot{e} C \ddot{H} PePsPIP sC \ddot{H} C, C r PSPeC \ddot{I} C - C \ddot{H} C r P \cdot PrPsC \ddot{H} PsPIP \ddot{e} C \dots$
 $PrPsP \pm C \ddot{H} PsPIP sP \gg CHC \ddot{I} C - PI P \ddot{e} PsPeP^{\circ} P \cdot P^{\circ} P \gg Ps P \cdot PSP \ddot{e} P \ddot{e} P \mu PSPSC \ddot{I} PeP \gg C - C \ddot{H} P \mu PSC \ddot{I} C r$
 $PeC \ddot{H} P \mu P^{\circ} C, P \ddot{e} PSC - PSC r P \ddot{e} C \ddot{H} P \ddot{e} PIC - PrC \ddot{I} C r C, PSP sC \ddot{I} C, C - P \cdot PjC - PS C \in PIP \ddot{e} PrPePsC \ddot{I} C, C -$
 $PeP \gg C r P \pm PsC \ddot{I} PePsPIP sC \ddot{H} C, C - P \gg CHC, C \ddot{H} P^{\circ} C \ddot{I} C - C \ddot{H} C, C \% Ps P \ddot{e} PsPiPsPrP \ddot{e} C r C \ddot{H} C, CHC \ddot{I} C \ddot{I} P \cdot$
 $P \ddot{e} P^{\circ} P \gg CHB PjC r PIP^{\circ} PSPSC \ddot{I} Pj PSP \ddot{e} C \ddot{H} PePsPIP sC \ddot{H} C - PeP^{\circ} PSP^{\circ} P \gg CHC \ddot{I} P \mu PIP sC \ddot{H} C$
 $C \ddot{I} P \mu PeC \ddot{H} P \mu C \ddot{I} C - C \ddot{H} C - PeC \ddot{H} P \mu P^{\circ} C, P \ddot{e} PSC - PSC r.$

$P \mu PsPIC - PrPsPjP \gg P \mu PSPSC \ddot{I} P \ddot{e} C \ddot{H} Ps PjPsP \ddot{e} P \gg P \ddot{e} PIC - P \ddot{e} PsP \pm C - C \ddot{I} PSC - C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - C \ddot{H} .$

$P \mu PsPIC - PrPsPjP \gg P \mu PSPSC \ddot{I} P \ddot{e} C \ddot{H} Ps PjPsP \ddot{e} P \gg P \ddot{e} PIC - P \ddot{e} PsP \pm C - C \ddot{I} PSC - C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - C \ddot{H} C r$
 $P \ddot{e} C - C \ddot{I} P \gg C \ddot{I} C \ddot{H} P \mu C \ddot{H} C \ddot{I} C, C \ddot{H} P^{\circ} C \ddot{I} C - P N \ddot{e} PSP \ddot{e} P N \ddot{e} P \ddot{e} P \mu C \ddot{H} C - PsPr P \gg C - PeP^{\circ} C \ddot{H} C \ddot{I} CHB PePsPiPs$
 $P \cdot P^{\circ} C \ddot{I} PsP \pm C r C \ddot{H} PrC r P \ddot{e} P \mu PIP^{\circ} P \ddot{e} PIP \ddot{e} Pj. P \ddot{e} P \mu PrP^{\circ} C \ddot{H} P \cdot PjPsPiC r$
 $P \ddot{e} C \ddot{H} PsPrPsPIP \ddot{e} C r PIP^{\circ} C, P \ddot{e} C \ddot{I} P \ddot{e} PsC \ddot{I} C, P \mu C \ddot{H} P \mu P \ddot{e} P \mu PSPSC \ddot{I} P \cdot P^{\circ}$
 $C \ddot{I} P \ddot{e} C - PIPIC - PrPSP sC \in P \mu PSPSC \ddot{I} Pj PePsC \ddot{H} P \ddot{e} C \ddot{I} C, CH/ C \ddot{H} P \ddot{e} P \cdot P \ddot{e} Pe P \cdot P^{\circ} C \ddot{I} C, PsC \ddot{I} C r PIP^{\circ} PSPSC \ddot{I}$
 $P \gg C - PeP^{\circ} C \ddot{H} C \ddot{I} CHB PePsPiPs P \cdot P^{\circ} C \ddot{I} PsP \pm C r. P^{\circ} Ps P \ddot{e} C \ddot{H} P^{\circ} C \ddot{I} C - PIPSP \ddot{e} PeC - PI PsC \dots PsC \ddot{H} PsPSP \ddot{e}$
 $P \cdot PrPsC \ddot{H} PsPiB \ddot{H} \text{ } ^{\text{TM}} C \ddot{I} P \cdot PIP \mu C \ddot{H} C, P^{\circ} CHC, CHC \ddot{I} C \ddot{I} C - P \cdot P \ddot{e} C \ddot{H} PsC \dots P^{\circ} PSPSC \ddot{I} Pj$
 $P \ddot{e} PsPIC - PrPsPjP \gg C \ddot{I} C, P \ddot{e} P \ddot{e} C \ddot{H} Ps P \pm C r PrCHB - C \ddot{I} PeC - PjPsP \ddot{e} P \gg P \ddot{e} PIC - P \ddot{e} PsP \pm C - C \ddot{I} PSC -$
 $C \ddot{H} P \mu P^{\circ} PeC \ddot{I} C - C \ddot{H} C \ddot{I} P \mu P \cdot PSP^{\circ} C \ddot{I} C - PsPSP^{\circ} P \gg CHB PSC r C \ddot{I} P \ddot{e} C \ddot{I} C, P \mu PjC r$
 $P \ddot{e} PsPIC - PrPsPjP \gg P \mu PSC \ddot{H} .$

PŷPµCḡPjC-PS PīCḡPēPrP°C,PSPsCÍC,C-. 5 CḡPsPeC-PI.

PkPµ P·P°CÍC,PsCÍPsPICrPIP°C,Pē PīCḡPµPīP°CḡP°C, PīC-CÍP»CÍ P·P°PeC-PSC‡PµPSPSCÍ C,PµCḡPjC-PSCr PīCḡPēPrP°C,PSPsCÍC,C-, P·P°P·PSP°C‡PµPSPsPiPs PSP° CÍPīP°PePsPIC‡C-.

PJPjPsPIPē P·P±PµCḡC-PiP°PSPSCÍ.

PŷPīPµC‡C-P°P»CHbPSC- CÍPjPsPIPē P·P±PµCḡC-PiP°PSPSCÍ PSPµ PIPēPjP°PiP°CḡC,CHCÍCÍ. P—P±PµCḡC-PiP°C,Pē PI PSPµPrPsCÍC,CÍPīPSPsPjCÍ PrP»CÍ PrC-C,PµPNē PjC-CÍC‡C-.

PJPīP°PePsPIPēP°.

PµPs 10 C,P°P±P»PµC,PsPe CÍ P±P»C-CÍC,PµCḡC-; PīPs 6 P±P»C-CÍC,PµCḡC-PI CÍ PeP°CḡC,PsPSPSC-PNē PePsCḡPsP±C‡C-; PīPs 15 P°P±Ps 20 C,P°P±P»PµC,PsPe CÍ P±P»C-CÍC,PµCḡC-, PīPs 4 P°P±Ps 3 P±P»C-CÍC,PµCḡPē CÍ PeP°CḡC,PsPSPSC-PNē PePsCḡPsP±C‡C-.

PḡP°C,PµPiPsCḡC-CÍ PIC-PrPīCÍCÍPeCÍ.

P—P° CḡPµC‡PµPīC,PsPj.

P'PēCḡPsP±PSPēPe.

PḡPµPSP°CḡC-PSC--PαPsPS PÍPµPNēPrPµPS P“PjP±PÍ.

PḡC-CÍC‡PµP·PSP°C...PsPrP¶PµPSPSCÍ PIPēCḡPsP±PSPēPeP° C,P° P°PrCḡPµCÍP° PjC-CÍC‡CÍ PīCḡPsPIP°PrP¶PµPSPSCÍ PNēPsPiPs PrC-CÍP»CHbPSPsCÍC,C-.

P>PµPNēPīC‡C-PiPµCḡ C€C,CḡP°CÍPµ 7-13, 01097 P”CḡPµP·PrPµPS, PkC-PjPµC‡C‡PēPSP°.

P—P°CÍPIPSPēPe.

PḡPµPSP°CḡC-PSC- P‡PSC,PµCḡPSPµC€PsPSP°P» PḡPīPµCḡPµPNēC€PsPSCÍ P>CḡPeCÍPµPjP±CÍCḡPi Pŷ.Pḡ.

PḡC-CÍC‡PµP·PSP°C...PsPrP¶PµPSPSCÍ P·P°CÍPIPSPēPeP°.

1, PḡPIPµPSCḡ PrPµ P»P° P“P°Cḡ, L-1611 P>CḡPeCÍPµPjP±CÍCḡPi, P>CḡPeCÍPµPjP±CÍCḡPi.