

$$\begin{aligned} & \text{PrP} \gg \text{C}\ddot{\text{U}} \text{ PjP}\mu\text{PrP}\ddot{\text{e}}\text{C}\ddagger\text{PSPsPiPs} \text{ P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{C}, \text{PsC}\acute{\text{I}}\text{C}\acute{\text{r}}\text{PIP}^\circ\text{PSPSC}\ddot{\text{U}} \text{ P} \gg \text{C}-\text{PeP}^\circ\text{C}\ddot{\text{U}}\text{C}\acute{\text{I}}\text{C}\ddot{\text{H}}\text{PePsPiPs} \\ & \text{P}\cdot\text{P}^\circ\text{C}\acute{\text{I}}\text{PsP}\pm\text{C}\acute{\text{r}} \end{aligned}$$

(NEXIUM^{B®})

P•P•PsPjPμPīCḡP°P•PsP»C" S-C-P•PsPjPμCḡPsPj PsPjPμPīCḡP°P•PsP»Cf, C%Ps
PīCḡPēPiPSC-C†CfC" CḡPμPeCḡPμC†C-Cḡ PePēCḡP»PsC,Pē CēP»CfPSPePsPiPSPiPs CḡPsPeCf
P•P°PIPrCḡPePē CḡPīPμC†PēC,,C-C†PSPsPjCf, PSP°PīCḡP°PIP»PμPSPsPjCf PjPμC...P°PSC-P•PjCf
PrC-C—. P' C-PS C" CḡPīPμC†PēC,,C-C†PSPēPj C-PSPiC-P±C-C,PSCḡPsPj PePēCḡP»PsC,PSPsC—
PīPsPjPīPē PīP°CḡC-C" C,P°P»CHPSPēC... PeP»C-C,PēPS. P† R-, C- S-C-P•PsPjPμCḡPē
PsPjPμPīCḡP°P•PsP»Cf PjP°CḡC,CH PīPsPrC-P±PSCf C,,P°CḡPjP°PePsP»PsPiC-C†PSCf

P°PeC,PëPIPSC-ĆĲC,CH.

PĥC-ĆĲĆ†Pμ C,P° PjPμC...P°PSC-P·Pj PrC-C—

P·P·PsPjPμPĲCĲP°P·PsP» CĲPIP»CĲC” ĲĲPsP±PsCĲ ĲĲP»P°P±PeĆĲ PsĆĲPSPsPICĲ, C%Ps
PePsPSC†PμPSC,CĲĆĲC”C,CHĆĲCĲ C,P° PĲPμCĲPμC,PIPsCĲCĲC”C,CHĆĲCĲ PSP°
P°PeC,PëPIPSCĲ C,,PsCĲPjĆĲ PI PrĆĲP¶Pμ PePëĆĲP»PsPjĆĲ ĲĲPμCĲPμPrPsPIPëC%C-
ĆĲPμPeCĲPμC,PsCĲPSPëC... PeP°PSP°P»CHĆ†C-PI PĲ°CĲC-C”C,P°P»CHPSPëC...
PeP»C-C,PëPS, PrPμ C-PSPiC-P±ĆĲC” C,,PμCĲPjPμPSC, PĲ PĲ -PĲPŸPα-P°P·ĆĲ BĲ”
PePëĆĲP»PsC,PSCĲ PĲPsPjPĲĲ BĲ” C,P° PĲCĲPëPiPSC-C†ĆĲC” CĲPe P±P°P·P°P»CHPSCĲ, C,P°Pe
C- ĲĲC,PëPjĆĲP»CHPSPIP°PSCĲ ĲĲPμPeCĲPμC†C-CĲ PePëĆĲP»PsC,Pë.

P’PĲP»PëPI PSP° ĲĲPμPeCĲPμC†C-CĲ CĲP»CžPSPePsPIPsPiPs ĲĲPsPeCž

PŞPμCĲPμP· 5 PrPSC-PI PĲPμCĲPsCĲP°P»CHPSPsPiPs PĲCĲPëPNēPsPjĆĲ PĲPs 20 PjPi C,P° 40 PjPi
PμP·PsPjPμPĲCĲP°P·PsP»ĆĲ CĲC-PIPμPSCĲ CĲPĲ CĲP»ĆĲPSPeP° PIPëC%Pμ 4
P·P±PμCĲC-PiP°PICĲCĲ PIC-PrPĲPsPIC-PrPSPs PI ĲĲPμCĲPμPrPSCĲPsPjĆĲ 13 PiPsPrPëPS C,P°
17 PiPsPrPëPSB PĲCĲPsC,CĲPiPsPj 24-PiPsPrPëPSPSPsPiPs C-PSC,PμCĲPIP°P»ĆĲ ĲĲ
PĲ°C†C-C”PSC,C-PI C-P· ĲĲPëPjPĲC,PsPjP°C,PëC†PSPsCĲ P”P·P PĲ
(PĲ°ĆĲC,CĲPsPμP·PsC,,P°PiPμP°P»CHPSPsCĲ CĲPμC,,P»CĲPeĆĲPSPsCĲ C...PIPsCĲPsP±PsCĲ).
P·C,,PμPeC, PĲPsPrC-P±PSPëPNē PSPμP·P°P»PμP¶PSPs PIC-Pr C,PsPiPs,
P·P°ĆĲC,PsĆĲPsPICĲC”C,CHĆĲCĲ PμP·PsPjPμPĲCĲP°P·PsP» PĲPμCĲPsCĲP°P»CHPSPs C†Pë
PIPSCĲC,CĲC-CĲPSCĲPsPIPμPSPSPs.

P—P° PrPsPĲPsPjPsPiPsCĲ AUC CĲPe PsPĲPsĆĲPμCĲPμPrPePsPIP°PSPsPiPs PĲ°CĲP°PjPμC,CĲP°
PePsPSC†PμPSC,CĲP°C†C-C— P»C-PeP°CĲĆĲCHPePsPiPs P·P°ĆĲPsP±ĆĲ ĲĲ PĲP»P°P·PjC-
PeCĲPsPIC- P±ĆĲP»Ps PĲCĲPsPrPμPjPsPSCĲC,CĲPsPIP°PSPs P·P°P»PμP¶PSC-ĆĲC,CH PjC-P¶
PĲCĲPëPiPSC-C†PμPSPSCĲPj ĲĲPμPeCĲPμC†C-C— PePëĆĲP»PsC,Pë C,P°
PμPeĆĲPĲPsP·PëC†C-C”CĲ PĲC-ĆĲP»CĲ PĲPμCĲPsCĲP°P»CHPSPsPiPs
P·P°ĆĲC,PsĆĲĆĲPIP°PSPSCĲ PμP·PsPjPμPĲCĲP°P·PsP»ĆĲ.

PμCĲPë PIPSCĲC,CĲC-CĲPSCĲPsPIPμPSPSPsPjĆĲ PIPIPμPrPμPSPSC- PμP·PsPjPμPĲCĲP°P·PsP»ĆĲ
P·PrPsCĲPsPIPëPj PrPsP±CĲPsPIPsP»CHĆ†CĲPj ĲĲ PrPsP·C- 80 PjPi ĲĲ PIPëPiP»CĲPrC-
P±PsP»CĲĆĲPSPsC— C-PSC,,ĆĲP·C-C— C,CĲPëPIP°P»C-ĆĲC,CĲ 30 C...PIPëP»PëPS C-P·
PĲPsPrP°P»CHCĲPëPj P·P°ĆĲC,PsĆĲĆĲPIP°PSPSCĲPj P»C-PeP°CĲĆĲCHPePsPiPs P·P°ĆĲPsP±ĆĲ
ĆĲ PIPëPiP»CĲPrC- C,CĲPëPIP°P»PsC— PIPSCĲC,CĲC-CĲPSCĲPsPIPμPSPSPsC—
C-PSC,,ĆĲP·C-C— P·C- CĲPIPëPrPeC-ĆĲC,CĲ 8 PjPi/PiPsPrPëPSCĲ C,CĲPëPIP°P»C-ĆĲC,CĲ 23,5
PiPsPrPëPSPë CĲC-PIPμPSCĲ CĲPĲ CĲP»ĆĲPSPeP° PIPëC%Pμ 4 C,P° PIPëC%Pμ 6
P·P±PμCĲC-PiP°PICĲCĲ PIC-PrPĲPsPIC-PrPSPs PI ĲĲPμCĲPμPrPSCĲPsPjĆĲ 21 PiPsPrPëPSCĲ
C,P° 11 BĲ” 13 PiPsPrPëPS PĲCĲPsC,CĲPiPsPj 24-PiPsPrPëPSPSPsPiPs C-PSC,PμCĲPIP°P»ĆĲ.

PμCĲPë PĲPμCĲPsCĲP°P»CHPSPsPjĆĲ P·P°ĆĲC,PsĆĲĆĲPIP°PSPSC- PμP·PsPjPμPĲCĲP°P·PsP»ĆĲ PI
PrPsP·C- 40 PjPi PĲCĲPëP±P»PëP·PSPs 78% PĲ°C†C-C”PSC,C-PI C-P· CĲPμC,,P»CĲPeĆĲPSPëPj
PμP·PsC,,P°PiC-C,PsPj PsPrĆĲP¶ĆĲCĲC,CH C†PμCĲPμP· 4 C,PëP¶PSC-, 93% BĲ” C†PμCĲPμP· 8
C,PëP¶PSC-PI P»C-PeĆĲPIP°PSPSCĲ.

PJ CĲP°PSPPrPsPjC-P·PsPIP°PSPsPjĆĲ PĲPsPrPIC-PNēPSPs ĲĲP»C-PĲPsPjĆĲ PĲP»P°C†PμP±Ps-
PePsPSC,CĲPsP»CHPSPIP°PSPsPjĆĲ PeP»C-PSC-C†PSPsPjĆĲ PrPsĆĲP»C-PrP¶PμPSPSC-

PIP°CTC-C" PSC, C-PI C-P. PμPSPPrPsCTPePsPiC-C†PSPs PrPsPIPμPrPμPSPsCñ
 PeCñPsPIPsC, PμC†PμCñ PīPμPiC, PēC†PSPsC— PIPēCñP°P·PePē PeP»P°CTC† P†P°, P†P±, P†P†P°
 C†Pē P†P†P± (9%, 43%, 38% C, P° 10% PIC-PrPiPsPIC-PrPSPs) P·P° PαPsCñCñPμCTC, PsPj
 CñP°PSPPrPsPjC-P·C†PIP°P»Pē PrPs PiCñC†Pī P·P°CTC, PsCTC†PIP°PSPSCñ
 P»C-PeP°CñCTCñPePsPiPs P·P°CTPsP±C† PkPμPeCTC-C†Pj, CñPsP·C†PēPSC† PrP»Cñ
 C-PSC,, C†P·C-Pñ (n=375), P°P±Ps PīP»P°CTPμP±Ps (n=389). PμC-C†P»Cñ
 PμPSPPrPsCTPePsPiC-C†PSPsPiPs PiPμPjPsCTC, P°P·C† PīP°CTC-C" PSC, P°Pj PIPiPsPrPēP»Pē
 P°P±Ps PμP·PsPjPμPīCñP°P·PsP» C† PrPsP·C- 80 PjPi C† PIPēPiP»CñPrC-
 PIPSC†C, CñC-C€PSCñPsPIPμPSPSPsC— C-PSC,, C†P·C-C— C, CñPēPIP°P»C-C†C, Cñ 30
 C...PIPēP»PēPS C-P· PīPsPrP°P»CñC€PsCñ C, CñPēPIP°P»PsCñ C-PSC,, C†P·C-C" Cñ P·C-
 C€PIPēPrPeC-C†C, Cñ 8 PjPi/PiPsPrPēPSC† P°P±Ps PīP»P°CTPμP±Ps PīCñPsC, CñPiPsPj 72
 PiPsPrPēPS. PμC-C†P»Cñ PīPsC†P°C, PePsPIPsPiPs 72-PiPsPrPēPSPSPsPiPs PīPμCñC-PsPrC†
 PIC†C-C... PīP°CTC-C" PSC, C-PI PīPμCñPμPIPsPrPēP»Pē PSP° PīPμCñPsCñP°P»CñPSPēPñ
 PīCñPēPñPsPj P»C-PeP°CñCTCñPePsPiPs P·P°CTPsP±C† PkPμPeCTC-C†Pj C† PrPsP·C- 40 PjPi
 PīCñPsC, CñPiPsPj 27 PrPSC-PI PrP»Cñ PīCñPēPiPSC-C†PμPSPSCñ PePēC†P»PsC, PSPsC—
 C†PμPeCñPμCTC-C—. P§P°CTC, PsC, P° PīPsPIC, PsCñPSPsC— PeCñPsPIPsC, PμC†C-
 PīCñPsC, CñPiPsPj 3 PrC-P± CTC, P°PSPsPIPēP»P° 5,9 % C† PiCñC†PīC- PīCñPēPñPsPjC†
 P»C-PeP°CñCTCñPePsPiPs P·P°CTPsP±C† PkPμPeCTC-C†Pj C, P° 10,3% C† PiCñC†PīC-
 PīP»P°CTPμP±Ps. P§PμCñPμP· 30 PrPSC-PI PīC-C†P»Cñ C, PμCñP°PīC-C— C†P°CTC, PsC, P°
 PīPsPIC, PsCñPSPēC... PeCñPsPIPsC, PμC† C† PiCñC†PīC- PīCñPēPñPsPjC†
 P»C-PeP°CñCTCñPePsPiPs P·P°CTPsP±C† PkPμPeCTC-C†Pj C, P° PīP»P°CTPμP±Ps
 CTC, P°PSPsPIPēP»P° PIC-PrPiPsPIC-PrPSPs 7,7% C, P° 13,6%.

Pj PīPμCñC-PsPr P»C-PeC†PIP°PSPSCñ P°PSC, PēC†PμPeCñPμC, PsCñPSPēPjPē
 P»C-PeP°CñCTCñPePēPjPē P·P°CTPsP±P°PjPē CñC-PIPSC- PīP°CTC, CñPēPSC† C†
 C†PēCñPsPIP°C, C†C- P·CñPsCTC, P°CñC, Cñ C† PIC-PrPiPsPIC-PrCñ PSP° P·PSPēP¶PμPSPSCñ
 C†PμPeCñPμCTC-C— PePēC†P»PsC, Pē. P C-PIPμPSCñ C...CñPsPjPsPiCñP°PSC-PSC† Pñ (CgA)
 C, P°PePsP¶ P·CñPsCTC, P°C" PIPSP°CTP»C-PrPsPe P·PjPμPSC€PμPSPSCñ
 PePēC†P»PsC, PSPsCTC, C- C€P»C†PSPePsPIPsPiPs CTPsPeC†. P§PμCñPμP·
 PīC-PrPIPēC%PμPSPSCñ CñC-PIPSCñ CgA PjPsP¶P»PēPIPēPñ PIPiP»PēPI PSP°
 CñPμP·C†P»CñC, P°C, Pē P»P°P±PsCñP°C, PsCñPSPēC... PrPsCTP»C-PrP¶PμPSCñ P·
 PIPēCñPIP»PμPSPSCñ PSPμPñCñPsPμPSPPrPsPeCñPēPSPSPēC... PīC†C...P»PēPS.
 PñPīC†P±P»C-PePsPIP°PSC- PrP°PSC- C†PIC-PrC†P°C, Cñ PīCñPs C, Pμ, C%Ps
 P»C-PeC†PIP°PSPSCñ C-PSPiC-P±C-C, PsCñP°PjPē PīCñPsC, PsPSPSPsC— PīPsPjPīPē C†P»C-Pr
 PīCñPēPīPēPSPēC, Pē PīCñPsC, CñPiPsPj PīPμCñC-PsPrC† PIC-Pr 5 PrPSC-PI PrPs 2 C, PēP¶PSC-PI
 PrPs PIPēPjC-CñCñPIP°PSCñ CñC-PIPSCñ CgA PrP»Cñ C, PsPiPs, C%PsP± CñC-PIPμPSCñ CgA
 PSPsCñPjP°P»C-P·C†PIP°PIC†Cñ, PsCTPeC-P»CñPePē C†PμPñ PīPsPeP°P·PSPēPe PjPsP¶Pμ
 P±C†C, Pē C...PēP±PSPs PīC-PrPIPēC%PμPSPēPj PīC-C†P»Cñ P»C-PeC†PIP°PSPSCñ
 C-PSPiC-P±C-C, PsCñP°PjPē PīCñPsC, PsPSPSPsC— PīPsPjPīPē (P†PμPμ).

PμC-Pr C†P°CT PrPsPIPiPsC, CñPēPIP°P»PsC— C, PμCñP°PīC-C— PμP·PsPjPμPīCñP°P·PsP»PsPj
 CñPe C† PrC-C, PμPñ, C, P°Pe C- PI PrPsCñPsCTP»PēC... C†PīPsCTC, PμCñC-PiP°P»PsCTCñ
 P·P±C-P»CñC€PμPSPSCñ PeC-P»CñPePsCTC, C-
 PμPSC, PμCñPsC...CñPsPjP°C,, C-PSPsPīPsPrC-P±PSPēC... PeP»C-C, PēPS (P·P†Pñ), CñPePμ,
 PjPsP¶P»PēPIPs, P±C†P»Ps C†PīCñPēC†PēPSPμPSPμ PīC-PrPIPēC%PμPSPSCñPj PIPjC-C†C, C†
 PīP°CTC, CñPēPSC† PI C†PēCñPsPIP°C, C†C- PeCñPsPIC-. PjC- CñPμP·C†P»CñC, P°C, Pē
 PIPiP°P¶P°CñC, CñC†Cñ PeP»C-PSC-C†PSPs PSPμP·PSP°C†C†C%PēPjPē.

$P\acute{K}P^{\circ}C_{,,}PsPSC-PrPsPIPiPsC,CH\ddot{P}ePIP^{\circ}P\rangle PsPiPsP\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}$
 $PiP_{\mu}CH\ddot{P}sCH\ddot{P}P^{\circ}P\rangle CH\ddot{P}SP\ddot{P}jP\ddot{e}P^{\circ}PSC,P\ddot{e}C\acute{r}P_{\mu}PeCH\ddot{P}P_{\mu}C,PsCH\ddot{P}SP\ddot{P}jP\ddot{e}P\rangle C-PeP^{\circ}CH\ddot{P}C\acute{r}CH\ddot{P}eP\ddot{e}PjP\ddot{e}$
 $P\cdot P^{\circ}C\acute{r}PsP\pm P^{\circ}PjP\ddot{e}PIC-PrP\cdot PSP^{\circ}C\ddot{P}P^{\circ}\rangle PsC\acute{r}C\ddot{I}PrP_{\mu}C\ddot{I}PeP_{\mu}P\cdot CH\ddot{P}sC\acute{r}C,P^{\circ}PSPSC\ddot{I}$
 $C\ddot{P}P^{\circ}C\acute{r}C,PsC,P\ddot{e}C\acute{r}C,PIPsCH\ddot{P}P_{\mu}PSPSC\ddot{I}C\ddot{e}P\rangle C\acute{r}PSPePsPIP\ddot{e}C...PiP\rangle P^{\circ}PSP\ddot{r}C\acute{r}P\rangle C\ddot{I}CH\ddot{P}SP\ddot{e}C...$
 $PeC-C\acute{r}C,.,P\ddot{I}C-P\cdot PjC-PSP\ddot{e}C''C_{,,}C-P\cdot C-PsP\rangle PsPiC-C\ddot{P}SP\ddot{e}PjPSP^{\circ}C\acute{r}P\rangle C-PrPePsPj$
 $PIP\ddot{e}CH\ddot{P}P^{\circ}P\parallel P_{\mu}PSPsPiPsPiCH\ddot{P}P\ddot{e}PiPSC-C\ddot{P}P_{\mu}PSPSC\ddot{I}C\acute{r}P_{\mu}PeCH\ddot{P}P_{\mu}C\ddot{P}C-C\ddot{e}P\rangle C\acute{r}PSPePsPIPsPiPs$
 $C\acute{r}PsPeC\acute{r},PIPsPSP\ddot{e}C''PrPsP\pm CH\ddot{P}sC\ddot{I}PeC-C\acute{r}PSP\ddot{e}PjP\ddot{e}C,P^{\circ}PiCH\ddot{P}sC...PsPrC\ddot{I}C,CH$
 $PiC-C\acute{r}P\rangle C\ddot{I}P\cdot P^{\circ}PIP_{\mu}CH\ddot{P}C\ddot{e}P_{\mu}PSPSC\ddot{I}P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}.$

$P-PjP_{\mu}PSC\ddot{e}P_{\mu}PSPSC\ddot{I}PeP\ddot{e}C\acute{r}P\rangle PsC,PSPsC\acute{r}C,C-C\ddot{e}P\rangle C\acute{r}PSPePsPIPsPiPsC\acute{r}PsPeC\acute{r}C-P\cdot$
 $P\pm C\acute{r}PrCH\ddot{P}-C\ddot{I}PeP\ddot{e}C...PiCH\ddot{P}P\ddot{e}C\ddot{P}P\ddot{e}PS,C\acute{r}C,PsPjC\acute{r}C\ddot{P}P\ddot{e}C\acute{r}P\rangle C-PIPSP^{\circ}C\acute{r}P\rangle C-PrPsPe$
 $P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\ddot{I}C-PSPiC-P\pm C-C,PsCH\ddot{P}C-PIPiCH\ddot{P}sC,PsPSPSPsC-PiPsPjPiP\ddot{e},$
 $PiCH\ddot{P}P\ddot{e}P\cdot PIPsPrP\ddot{e}C,CH\ddot{P}PrPsP\cdot P\pm C-P\rangle CH\ddot{P}C\ddot{e}P_{\mu}PSPSC\ddot{I}C\acute{r}C\ddot{e}P\rangle C\acute{r}PSPeC\acute{r}PeC-P\rangle CH\ddot{P}ePsC\acute{r}C,C-$
 $P\pm P^{\circ}PeC,P_{\mu}CH\ddot{P}C-PN_{\ddot{e}},C\%PsP\cdot P^{\circ}P\cdot PIP\ddot{e}C\ddot{P}P^{\circ}PN_{\ddot{e}}PiCH\ddot{P}P\ddot{e}C\acute{r}C\acute{r}C,PSC-C\acute{r}C\ddot{e}P\rangle C\acute{r}PSPePsPIPs-$
 $PeP\ddot{e}C\ddot{e}PePsPIPsPjC\acute{r}C,CH\ddot{P}P^{\circ}PeC,C-.P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}C-PSPiC-P\pm C-C,PsCH\ddot{P}P^{\circ}PjP\ddot{e}$
 $PiCH\ddot{P}sC,PsPSPSPsC-PiPsPjPiP\ddot{e}PjPsP\parallel P_{\mu}PrP_{\mu}C\%PsP\cdot P\pm C-P\rangle CH\ddot{P}C\ddot{e}C\acute{r}PIP^{\circ}C,P\ddot{e}CH\ddot{P}P\ddot{e}P\cdot P\ddot{e}Pe$
 $C\ddot{e}P\rangle C\acute{r}PSPePsPIPs-PeP\ddot{e}C\ddot{e}PePsPIP\ddot{e}C...C-PSC,,P_{\mu}PeC\ddot{P}C-PN_{\ddot{e}},P\cdot C\acute{r}PjPsPIP\rangle P_{\mu}PSP\ddot{e}C...,$
 $PSP^{\circ}PiCH\ddot{P}P\ddot{e}PeP\rangle P^{\circ}Pr,SalmonellaC,P^{\circ}Campylobacter,C-C\acute{r}PiPsC\acute{r}PiC-C,P^{\circ}P\rangle C-P\cdot PsPIP^{\circ}PSP\ddot{e}C...$
 $PiP^{\circ}C\ddot{P}C-C''PSC,C-PI,в\ddot{H}''PjPsP\parallel P\rangle P\ddot{e}PIPs,C,P^{\circ}PePsP\parallel Clostridiumdifficile.$

P''C-C,P\ddot{e}

$PjPiP\rangle P^{\circ}C\ddot{P}P_{\mu}P\pm Ps-PePsPSC,CH\ddot{P}sP\rangle CH\ddot{P}sPIP^{\circ}PSPsPjC\acute{r}PrPsC\acute{r}P\rangle C-PrP\parallel P_{\mu}PSPSC-(98$
 $C...PIPsCH\ddot{P}P\ddot{e}C...PIC-PePsPjPIC-Pr1PrPs11PjC-C\acute{r}C\ddot{I}C\ddot{P}C\ddot{P}C-PI)PsC\ddot{P}C-PSC\ddot{H}PIP^{\circ}P\rangle P\ddot{e}C\acute{r}CH$
 $P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSC-C\acute{r}C,CH\ddot{P}C,P^{\circ}P\pm P_{\mu}P\cdot PiP_{\mu}PeP^{\circ}P\cdot P^{\circ}C\acute{r}C,PsC\acute{r}C\acute{r}PIP^{\circ}PSPSC\ddot{I}$
 $P\rangle C-PeP^{\circ}CH\ddot{P}C\acute{r}CH\ddot{P}ePsPiPsP\cdot P^{\circ}C\acute{r}PsP\pm C\acute{r}PIPiP^{\circ}C\ddot{P}C-C''PSC,C-PIC-P\cdot PsP\cdot PSP^{\circ}PeP^{\circ}PjP\ddot{e}C,P^{\circ}$
 $C\acute{r}P\ddot{e}PjPiC,PsPjP^{\circ}PjP\ddot{e}P''P\cdot PPI'.P\cdot P\cdot PsPjP_{\mu}PiCH\ddot{P}P^{\circ}P\cdot PsP\rangle 1PjPi/PePiPsPrP\ddot{e}PSCH\ddot{P}P^{\circ}P\cdot PSP^{\circ}$
 $PrPsP\pm C\acute{r}PIIPsPrP\ddot{e}P\rangle P\ddot{e}PiP_{\mu}CH\ddot{P}sCH\ddot{P}P^{\circ}P\rangle CH\ddot{P}SPsPiCH\ddot{P}sC,C\ddot{I}PiPsPj2C,P\ddot{e}P\parallel PSC-PI$
 $(PIC-PrPeCH\ddot{P}P\ddot{e}C,P^{\circ}C,,P^{\circ}P\cdot P^{\circ}),P^{\circ}80PiP^{\circ}C\ddot{P}C-C''PSC,C-PIP\pm C\acute{r}P\rangle PsPIPeP\rangle CH\ddot{P}C\ddot{P}P_{\mu}PSPs$
 $PiCH\ddot{P}sC,C\ddot{I}PiPsPj4PrPsPrP^{\circ}C,PePsPIP\ddot{e}C...C,P\ddot{e}P\parallel PSC-PI(PiPsPrPIC-PN_{\ddot{e}}PSP^{\circ}C\acute{r}P\rangle C-PiP^{\circ},$
 $C,,P^{\circ}P\cdot P^{\circ}PIC-PrPjC-PSP\ddot{e}P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}).P\acute{K}P_{\mu}C\acute{r}PiPsC\acute{r}C,P_{\mu}CH\ddot{P}C-PiP^{\circ}P\rangle PsC\acute{r}CH$
 $C\acute{r}C\acute{r}C,C,C''PIPsC-CH\ddot{P}C-P\cdot PSP\ddot{e}C\ddot{P}C-PjC-P\parallel P_{\mu}P\cdot PsPjP_{\mu}PiCH\ddot{P}P^{\circ}P\cdot PsP\rangle PsPjC,P^{\circ}PiP\rangle P^{\circ}C\ddot{P}P_{\mu}P\pm Ps$
 $C\acute{r}C,PsC\acute{r}PsPIPsPsPrPsC\acute{r}C\ddot{I}PiPSP_{\mu}PSPSC\ddot{I}PiP_{\mu}CH\ddot{P}PIP\ddot{e}PSPSPsC-PeC-PSC\ddot{P}P_{\mu}PIPsC-$
 $C,PsC\ddot{P}PeP\ddot{e}C,P^{\circ}PiCH\ddot{P}P\ddot{e}PiP\ddot{e}PSP_{\mu}PSPSC\ddot{I}P\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\ddot{I}C\ddot{P}P_{\mu}CH\ddot{P}P_{\mu}P\cdot$
 $PiPsPiC-CH\ddot{P}C\ddot{e}P_{\mu}PSPSC\ddot{I}C\acute{r}P\ddot{e}PjPiC,PsPjC-PI.$

$PjPiP\rangle P^{\circ}C\ddot{P}P_{\mu}P\pm Ps-PePsPSC,CH\ddot{P}sP\rangle CH\ddot{P}sPIP^{\circ}PSPsPjC\acute{r}PrPsC\acute{r}P\rangle C-PrP\parallel P_{\mu}PSPSC-(52$
 $PiP^{\circ}C\ddot{P}C-C''PSC,P\ddot{e}PIC-PePsPj<1PjC-C\acute{r}C\ddot{I}C\ddot{P}C\ddot{P}C\ddot{P}C)PsC\ddot{P}C-PSC\ddot{H}PIP^{\circ}P\rangle P\ddot{e}$
 $P_{\mu}C,,P_{\mu}PeC,P\ddot{e}PIPSC-C\acute{r}C,CH\ddot{P}C,P^{\circ}P\pm P_{\mu}P\cdot PiP_{\mu}PeC\acute{r}P\rangle C-PeP^{\circ}CH\ddot{P}C\acute{r}CH\ddot{P}ePsPiPsP\cdot P^{\circ}C\acute{r}PsP\pm C\acute{r}PI$
 $PiP^{\circ}C\ddot{P}C-C''PSC,C-PIC-P\cdot C\acute{r}P\ddot{e}PjPiC,PsPjP^{\circ}PjP\ddot{e}P''P\cdot PPI'.P\cdot P\cdot PsPjP_{\mu}PiCH\ddot{P}P^{\circ}P\cdot PsP\rangle 0,5PjPi/PePi$
 $PsPrP\ddot{e}PSCH\ddot{P}P^{\circ}P\cdot PSP^{\circ}PrPsP\pm C\acute{r}PIIPsPrP\ddot{e}P\rangle P\ddot{e}PiP_{\mu}CH\ddot{P}sCH\ddot{P}P^{\circ}P\rangle CH\ddot{P}SPsPiCH\ddot{P}sC,C\ddot{I}PiPsPj$
 $PjC-PSC-PjC\acute{r}Pj10PrPSC-PI.P\acute{K}P_{\mu}P\pm C\acute{r}P\rangle PsC\acute{r}C\acute{r}C,C,C''PIPsC-CH\ddot{P}C-P\cdot PSP\ddot{e}C\ddot{P}C-PjC-P\parallel$
 $P_{\mu}P\cdot PsPjP_{\mu}PiCH\ddot{P}P^{\circ}P\cdot PsP\rangle PsPjC,P^{\circ}PiP\rangle P^{\circ}C\ddot{P}P_{\mu}P\pm PsC\acute{r}C,PsC\acute{r}PsPIPsPsPiP_{\mu}CH\ddot{P}PIP\ddot{e}PSPSPsC-$
 $PeC-PSC\ddot{P}P_{\mu}PIPsC-C,PsC\ddot{P}PeP\ddot{e}P\cdot PjC-PSP\ddot{e}PeC-P\rangle CH\ddot{P}ePsC\acute{r}C,C-PIP\ddot{e}PiP^{\circ}PrPeC-PI$
 $C\acute{r}P\ddot{e}PjPiC,PsPjC-PIP''P\cdot PPI'CrPiPsCH\ddot{P}C-PIPsC\ddot{I}PSPSC-P\cdot PIP\ddot{e}C...C-PrPSP\ddot{e}PjCH\ddot{P}C-PIPsP_{\mu}Pj.$

$P_{\mu}P\cdot C\acute{r}P\rangle CH\ddot{P}C,P^{\circ}C,P\ddot{e},PsC,CH\ddot{P}P\ddot{e}PjP^{\circ}PSC-PIC...PsPrC-PrPsC\acute{r}P\rangle C-PrP\parallel P_{\mu}PSC\ddot{H}P\cdot P^{\circ}$
 $C\acute{r}C\ddot{P}P^{\circ}C\acute{r}C,CH\ddot{P}PiP^{\circ}C\ddot{P}C-C''PSC,C-PIPrP\ddot{e}C,C\ddot{I}C\ddot{P}PsPiPsPIC-PeC\acute{r},PiPsPeP^{\circ}P\cdot C\acute{r}CH\ddot{P}C,CH\ddot{P},C\%Ps$

PrPsP·Pë PµP·PsPjPµPiCĤP°P·PsP»Cr 0,5 PjPi/PePi C- 1,0 PjPi/PePi Cr PSPµPjPsPIP»CĬC,
PIC-PePsPj <1 PjC-CĬCĬCĬCĬ C- 1bĤ" 11 PjC-CĬCĬCĬC-PI PIC-PrPiPsPIC-PrPSPs,
P·PSPëPĬCrCĤC,CH CĬPµCĤPµPrPSC-PNë PIC-PrCĬPsC,PsPe C#P°CĬCr
PIPSCrC,CĤC-CëPSCĤPsCĬC,CĤP°PIPSC...C-PrPSPsPiPs CĤPĤ < 4,0. PµCĤPsC,,C-P»CH
P±PµP·PiPµPePë P·P°CĬC,PsCĬCrPIP°PSPSCĬ P»C-PeP°CĤCĬCHPePsPiPs P·P°CĬPsP±Cr
PIPëCĬPIPëPICĬCĬ PiPsPrC-P±PSPëPj PrPs C,P°PePsPiPs Cr PrPsCĤPsCĬP»PëC....

$$P \propto P^\circ C \eta P j P^\circ P \epsilon P s P \epsilon C - P S P \mu C, P \ddot{e} P \epsilon P^\circ.$$

PhC†PμPIPëPrPSPëPNë PsP±B $\overline{\text{H}}$ TM C" Pj C $\overline{\text{H}}$ PsP·PïPsPrC-P»Crí PíC $\overline{\text{H}}$ Pë C $\overline{\text{H}}$ C-PIPSPsPIP°P¶PSC-PNë
PePsPSC†PμPSC,C $\overline{\text{H}}$ P°C†C-C— Crí P·PrPsC $\overline{\text{H}}$ PsPIPëC... PrPsP±C $\overline{\text{H}}$ PsPIPsP»CHC†C-PI
CíC,P°PSPsPIPëC,CH PíC $\overline{\text{H}}$ PëP±P»PëP·PSPs 0,22 P»/PePi PjP°CíPë C,C-P»P°.
P·P·PsPjPμPíC $\overline{\text{H}}$ P°P·PsP» PSP° 97 % P·PlB $\overline{\text{H}}$ TM C¶P·CrC" C,CHCíC¶ C-P· P±C-P»PeP°PjPë
PíP»P°P·PjPë PeC $\overline{\text{H}}$ PsPIC-.

P·P·PsPjPμPiCḡP°P·PsP» PiPsPIPSC-CfC,Ch PjPμC,P°P±PsP»C-P·CfC”C,ChCfCḡ
 CfPëCfC,PμPjPsCḡ C†PëC,PsC...CḡPsPjCf P 450 (CYP). PhCfPSPsPIPSP° C†P°CfC,PëPSP°
 PjPμC,P°P±PsP»C-P·PjCf PμP·PsPjPμPiCḡP°P·PsP»Cf P·P°P»PμP¶PëC,Ch PIC-Pr
 PiPsP»C-PjPsCḡC,,PSPsPiPs CYP2C19, C%Ps PIC-PrPiPsPIC-PrP°C” P·P° CfC,PIPsCḡPμPSPSCḡ
 PiC-PrCḡPsPeCfPë- C,P° PrPμCfPjPμC,PëP»PjPμC,P°P±PsP»C-C,C-PI PμP·PsPjPμPiCḡP°P·PsP»Cf.
 P PμC€C,P° PjPμC,P°P±PsP»C-P·PjCf P·P°P±PμP·PiPμC†CfC”C,ChCfCḡ C-PSC€PsCḡ
 CfPiPμC†PëC,,C-C†PSPsCḡ C-P·PsC,,PsCḡPjPsCḡ, CYP3A4, C%Ps PIC-PrPiPsPIC-PrP°C” P·P°
 CfC,PIPsCḡPμPSPSCḡ PμP·PsPjPμPiCḡP°P·PsP»Cf CfCfP»ChC,,PsPSCf, PsCfPSPsPIPSPsPiPs
 PjPμC,P°P±PsP»C-C,Cf Cf PiP»P°P·PjC- PeCḡPsPIC-.

P_μP°C₇P°P_jP_μC,C₇P_ē, P_{SP}°P_iP_μPrP_μP_{SC}- P_{SP}ēP_¶C_‡P_μ, P_iC-PrP_sP_±C₇P°P_¶P°C₇C,C₇ P_i P_sC₇P_{SP}sP_iP_{SP}sP_jC_r C...P°C₇P°PeC,P_μC₇ C,,P°C₇P_jP°PeP_sPeC-P_{SP}μC,P_ēPeP_ē C_r P_iP°C_†C-C"P_{SC},C-PI P· P°PeC,P_ēP_iP_{SP}P_ēP_j C,,P_μC₇P_jP_μP_{SC},P_sP_j CYP2C19, C_r C_¶PeP_ēC... P_jP_μC,P°P_±P_sP»C-P·P_j P_iC-PrP_±C_rP_iP°C"C,C₇C₇C_¶ C€P_iP_ēPrP_sPs.

PhCfPSP±P»PëPIC- PiChCrPiPë PiP°C†C-C" PSC,C-PI

PuPsPIC-P»CHPSC- PjPµC,P°P±PsP»C-P·P°C,PsChPë

PµChPëP±P»PëP·PSPs 2,9 B±1,5% PSP°CfPµP»PµPSPSCµ PSPµ PjP°C"
C,,CrPSPeC†C-PsPSP°P»CHPSPsPiPs C,,PµChPjPµPSC,Cr CYP2C19 C- PSP°P·PëPIP°C"C,CHCfCµ
PiPsPIC-P»CHPSPëPjPë PjPµC,P°P±PsP»C-P·P°C,PsChP°PjPë. PJ C†PëC... PsCfC-P±
PjPµC,P°P±PsP»C-P·Pj PµP·PsPjPµPiChP°P·PsP»Cr, PµPjPsPIC-ChPSPs,
PeP°C,P°P»C-P·CrC"C,CHCfCµ PiPµChPµPIP°P¶PSPëPj C†PëPSPsPj CYP3A4. PµC-CfP»Cµ
P±P°PiP°C,PsChP°P·PsPiPsPiPs PiPµChPµPSCP°P»CHPSPsPiPs PiChPëPNµPsPjCr
PµP·PsPjPµPiChP°P·PsP»Cr Cr PrPsP·C- 40 PjPi PsPrPëPS ChP°P· PSP° PrPsP±Cr
CfPµChPµPrPSCµ P·P°PiP°P»CHPSP° PµPeCfPiPsP·PëC†C-Cµ P±CrP»P° PiChPëP±P»PëP·PSPs
PSP° 100% PIPëC%PsCh Cr PiPsPIC-P»CHPSPëC... PjPµC,P°P±PsP»C-P·P°C,PsChC-PI, PSC-P¶
Cr PsCfC-P± C-P· C,,CrPSPeC†C-PsPSP°P»CHPSPëPj C,,PµChPjPµPSC,PsPj CYP2C19
(CëPIPëPrPePëC... PjPµC,P°P±PsP»C-P·P°C,PsChC-PI). P¶PµChPµPrPSCµ
PjP°PeCfPëPjP°P»CHPSP° PePsPSC†PµPSC,ChP°C†C-Cµ Cr PiP»P°P·PjC- P±CrP»P°
PiC-PrPIPëC%PµPSP° PiChPëP±P»PëP·PSPs PSP° 60%. PµPsPrC-P±PSC-
PIC-PrPjC-PSPSPsCfC,C- CfPiPsCfC,PµChC-PiP°P»PëCfCµ C- PiChPë
PIPSCrC,ChC-CëPSCHPsPiPµPSPSPsPjCr PIPiPµPrPµPSPSC- PµP·PsPjPµPiChP°P·PsP»Cr. PjC-
PrP°PSC- PSPµ PIPëPjP°PiP°ChC,Ch P·PjC-PS Cr PrPsP·CrPIP°PSPSC-
PµP·PsPjPµPiChP°P·PsP»Cr.

PYC,P°C,CH

PµC-CfP»Cµ PsPrPSPsChP°P·PsPiPsPiPs PiPµChPµPSCP°P»CHPSPsPiPs PiChPëPNµPsPjCr
PµP·PsPjPµPiChP°P·PsP»Cr Cr PrPsP·C- 40 PjPi CfPµChPµPrPSCµ P·P°PiP°P»CHPSP°
PµPeCfPiPsP·PëC†C-Cµ Cr P¶C-PSPsPe PiChPëP±P»PëP·PSPs PSP° 30% PIPëC%P°, PSC-P¶ Cr
C†PsP»PsPIC-PeC-PI. P—P°P»PµP¶PSPsC— PIC-Pr CfC,P°C,C- ChC-P·PSPëC†C- PSPµ
PIC-PrP·PSP°C†P°C"C,CHCfCµ PiChPë PiPsPIC,PsChPSPsPjCr P·P°CfC,PsCfCrPIP°PSPSC-
P»C-PeP°ChCfChPePsPiPs P·P°CfPsP±Cr PsPrPëPS ChP°P· PSP° PrPsP±Cr. PµPsPrC-P±PSC-
PIC-PrPjC-PSPSPsCfC,C- CfPiPsCfC,PµChC-PiP°P»PëCfCµ PiChPë
PIPSCrC,ChC-CëPSCHPsPiPµPSPSPsPjCr P·P°CfC,PsCfCrPIP°PSPSC-
PµP·PsPjPµPiChP°P·PsP»Cr. PjC- PrP°PSC- PSPµ PIPiP»PëPIP°ChC,Ch PSP°
PrPsP·CrPIP°PSPSCµ PµP·PsPjPµPiChP°P·PsP»Cr.

PuPsChCzCëPµPSPSCµ C,,CzPSPeC†C-C— PiPµC†C-PSPePë

PµPµC,P°P±PsP»C-P·Pj PµP·PsPjPµPiChP°P·PsP»Cr Cr PiP°C†C-C" PSC,C-PI C-P· P»PµPiPePëPjPë
P°P±Ps PiPsPjC-ChPSPëPjPë PiPsChCrCëPµPSPSCµPjPë C,,CrPSPeC†C-C— PiPµC†C-PSPePë
PjPsP¶Pµ P±CrC,Pë PiPsChCrCëPµPSPëPj. PJ PiP°C†C-C" PSC,C-PI C-P· C,CµP¶PePëPjPë
PiPsChCrCëPµPSPSCµPjPë C,,CrPSPeC†C-C— PiPµC†C-PSPePë CëPIPëPrPeC-CfC,Ch
PjPµC,P°P±PsP»C-P·PjCr P·PSPëP¶CrC"C,CHCfCµ, PIPSP°CfP»C-PrPsPe C†PsPiPs
P·P°PiP°P»CHPSP° PµPeCfPiPsP·PëC†C-Cµ PµP·PsPjPµPiChP°P·PsP»Cr P·ChPsCfC,P°C"
PIPrPIC-C†C-. P¶PsPjCr PiP°C†C-C" PSC,P°Pj C-P· P"P·P Pf C,P° C,CµP¶PePëPjPë
PiPsChCrCëPµPSPSCµPjPë C,,CrPSPeC†C-C— PiPµC†C-PSPePë PSPµ CfP»C-Pr
PiPµChPµPIPëC%CrPIP°C,Pë PjP°PeCfPëPjP°P»CHPSCr PrPsP·Cr 20 PjPi. PJ ChP°P·C-

PIPëCĤP°P·PePë, C%Ps PeCĤPsPIPSc,PsC†PëC,CH, C,P° C,CĬP¶PePëC... PïPsCĤCrC€PµPSCĤ
C,,CrPSPeC†C-C— PïPµC†C-PSPePë PïC-CĬP»CĬ PIPµPrPµPSPSCĬ PïPsC†P°C,PePsIPsC—
P±PsP»CĤCĬPSPSc— PrPsP·Pë 80 PjPi PIPµPrPµPSPSCĬ P»C-PeP°CĤCĬCHPePsPiPs
P·P°CĬPsP±Cr Cr PIPëPiP»CĬPrC- C,CĤPëPIP°P»PsC— PIPSCrC,CĤC-C€PSCĤPsPIPµPSPSPSc—
C-PSC,,CrP·C-C— P·C- C€PIPëPrPeC-CĬC,CH PjP°PeCĬPëPjCrPj 4 PjPi/PiPsPrPëPSCr
PïCĤPsC,CĬPiPsPj 71,5 PiPsPrPëPSPë PjPsP¶Pµ P±CrC,Pë PrPsCĬC,P°C,PSC-Pj.
P·P·PsPjPµPïCĤP°P·PsP» P°P±Ps PµPsPiPs PsCĬPSPsPIPSC- PjPµC,P°P±PsP»C-C,Pë PSPµ
PIPëCĬPIP»CĬCĤC,CH C,PµPSPPrPµPSC†C-C— PrPs PSP°PePsPïPëC†PµPSPSCĬ PïCĤPë
P·P°CĬC,PsCĬCrPIP°PSPSC- PsPrPëPS CĤP°P· PSP° PrPsP±Cr.

PµPsCĤC€PµPSPSCĬ C,,C€PSPeC†C-C— PSPëCĤPsPe

PkPµ PïCĤPsIPsPrPëP»PsCĬCĬ PrPsCĬP»C-PrP¶PµPSCĤ P·P° CrC†P°CĬC,CH
PïP°C†C-C”PSC,C-PI P·C- P·PSPëP¶PµPSPsCĤ C,,CrPSPeC†C-C”CĤ PSPëCĤPsPe.
PhCĬPeC-P»CHPePë PSPëCĤPePë PIC-PrPïPsPIC-PrP°CĤC,CH P·P° PIPëPIPµPrPµPSPSCĬ
PjPµC,P°P±PsP»C-C,C-PI PµP·PsPjPµPïCĤP°P·PsP»Cr, P°P»Pµ PSPµ P·P° PIPëPIPµPrPµPSPSCĬ
PsCĬPSPsPIPSPSc— CĬPïPsP»CrPePë, P·PjC-PS PjPµC,P°P±PsP»C-P·PjCr PSPµ
PsC†C-PeCrC”C,CHCĬCĬ Cr PïP°C†C-C”PSC,C-PI C-P· PïPsCĤCrC€PµPSPSCĬPj
C,,CrPSPeC†C-C— PSPëCĤPsPe.

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

PµPµC,P°P±PsP»C-P·Pj PµP·PsPjPµPïCĤP°P·PsP»Cr PSPµP·PSP°C†PSPëPj C†PëPSPsPj
P·PjC-PSCHC”C,CHCĬCĬ Cr P»C-C,PSC-C... PsCĬC-P± (71bĤ” 80 CĤPsPeC-PI).

P”C-C,Pë

PJ CĤP°PSPPrPsPjC-P·PsPIP°PSPsPjCr PIC-PrPeCĤPëC,PsPjCr PjC-P¶PSP°CĤPsPrPSPsPjCr
PrPsCĬP»C-PrP¶PµPSPSC- P±P°PïP°C,PsPeCĤP°C,PSPëC... PrPsP· PµP·PsPjPµPïCĤP°P·PsP»
P·P°CĬC,PsCĬPsPICrPIP°P»Pë C€P»CĬC...PsPj 3-C...PIPëP»PëPSPSPSc— C-PSbĤ™C”PeC†C-C—
PsPrPëPS CĤP°P· PSP° PrPsP±Cr PïCĤPsC,CĬPiPsPj 4 PrPSC-PI. P’CĬCHPsPiPs PI
PrPsCĬP»C-PrP¶PµPSPSCĬ P±CrP»Ps P·P°P»CrC†PµPSPs 59 PrC-C,PµPµ PIC-PePsPj PIC-Pr 0
PrPs 18 CĤPsPeC-PI, 50 P· CĬPePëC... (7 PrC-C,PµPµ PIC-PePsPj PIC-Pr 1 PrPs 5 CĤPsPeC-PI)
P·P°PIPµCĤC€PëP»Pë PrPsCĬP»C-PrP¶PµPSPSCĬ C,P° P·P° CĤPµP·CrP»CHC,P°C,P°PjPë
CĬPePëC... P±CrP»Ps PsC†C-PSPµPSPs C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCr
PµP·PsPjPµPïCĤP°P·PsP»Cr.

PJ C,P°P±P»PëC†C- 1 PïCĤPµPrCĬC,P°PIP»PµPSPs CĤPµP·CrP»CHC,P°C,Pë
CĬPëCĬC,PµPjPSPsPiPs PIPïP»PëPICr PµP·PsPjPµPïCĤP°P·PsP»Cr PïC-CĬP»CĬ
PIPSCrC,CĤC-C€PSCĤPsPIPµPSPSPsPiPs P·P°CĬC,PsCĬCrPIP°PSPSCĬ C€P»CĬC...PsPj
C-PSbĤ™C”PeC†C-C— C,CĤPëPIP°P»C-CĬC,CH 3 C...PIPëP»PëPSPë Cr
PïPµPrC-P°C,CĤPëC†PSPëC... PïP°C†C-C”PSC,C-PI C,P° PrPsCĤPsCĬP»PëC... P·PrPsCĤPsPIPëC...
PrPsP±CĤPsIPsP»CHC†C-PI. P—PSP°C†PµPSPSCĬ PI C,P°P±P»PëC†C- 1
PïCĤPµPrCĬC,P°PIP»PµPSPs Cr PIPëPiP»CĬPrC- PïPµPsPjPµC,CĤPëC†PSPëC...
CĬPµCĤPµPrPSC-C... (PrC-P°PïP°P·PsPSCr). P”PsP·Cr 20 PjPi PrP»CĬ PrPsCĤPsCĬP»PëC...
P·P°CĬC,PsCĬPsPICrPIP°P»Pë C€P»CĬC...PsPj C-PSC,,CrP·C-C— C,CĤPëPIP°P»C-CĬC,CH 30
C...PIPëP»PëPS. PµP°PeCĬPëPjP°P»CHPSCr CĤC-PIPSPsPIP°P¶PSCr

PePsPSC†PμPSC, C₇H^oC†C-C₇ P_iC₇H_μP_iP^oC₇H^oC, C_r P_i P_iP»P^oP·P_jC- PeC₇H_μP_iC- (P_Y_{ss, max})
P_sC†C-PSC₇H_μP^oP»P_e C†PμC₇H_μP· 5 C...PIP_eP»P_ePS P_iC-C†P»C₇ P_iP_μPrPμPSPSC₇ PrP_sP·P_e
C_r PrC-C, PμPN_e C_r P_iC†C-C... P_iC-PePsPIP_eC... P_iC₇H_μP_iP^oC..., P^o C_r PrP_sC₇H_μP_iC†P»P_eC...
P_iP^oC†C-C" PSC, C-PI B₇" C†PμC₇H_μP· 7 C...PIP_eP»P_ePS P_iC-C†P»C₇ P_iP_μPrPμPSPSC₇ PrP_sP·P_e
40 P_jP_i C- P_iPs P·P^oPeC-PSC†PμPSPSC₇ C-PSC, C_rP·C-C— C_r PrP_sP·C- 20 P_jP_i.

P_YP^oP±P»P_eC†C₇ 1

P'C-PePsPIP ^o P _i C ₇ H _μ P _i P ^o	P"PsP·PsPIP ^o P _i C ₇ H _μ P _i P ^o	AUC (P _j PeP _j PsP»C ₇ H ^o *P _i /P»)	P _Y _{ss, max} (P _j PeP _j PsP»C ₇ H/P»)
0B ₇ "1 P _j C-C†C ₇ †C†C ₇ H*	0,5 P _j P _i /PeP _i (n = 6)	7,5 (4,5B ₇ "20,5)	3,7 (2,7B ₇ "5,8)
1B ₇ "11 P _j C-C†C ₇ †C†C-PI*	1,0 P _j P _i /PeP _i (n = 6)	10,5 (4,5B ₇ "22,5)	8,7 (4,5B ₇ "14,0)
1B ₇ "5 C ₇ H _μ PsPeC-PI	10 P _j P _i (n = 7)	7,9 (2,9B ₇ "16,6)	9,4 (4,4B ₇ "17,2)
6B ₇ "11 C ₇ H _μ PsPeC-PI	10 P _j P _i (n = 8)	6,9 (3,5B ₇ "10,9)	5,6 (3,1B ₇ "13,2)
	20 P _j P _i (n = 8)	14,4 (7,2B ₇ "42,3)	8,8 (3,4B ₇ "29,4)
	20 P _j P _i (n = 6)**	10,1 (7,2B ₇ "13,7)	8,1 (3,4B ₇ "29,4)
12B ₇ "17 C ₇ H _μ PsPeC-PI	20 P _j P _i (n = 6)	8,1 (4,7B ₇ "15,9)	7,1 (4,8B ₇ "9,0)
	40 P _j P _i (n = 8)	17,6 (13,1B ₇ "19,8)	10,5 (7,8B ₇ "14,2)
P"PsC ₇ H _μ P _i C†P»C-	20 P _j P _i (n = 22)	5,1 (1,5B ₇ "11,8)	3,9 (1,5B ₇ "6,7)
	40 P _j P _i (n = 41)	12,6 (4,8B ₇ "21,7)	8,5 (5,4B ₇ "17,9)

* P'C-PePsPIP^o P_iC₇H_μP_iP^o P_iC-Pr 0 PrP_s 1 P_jC-C†C₇†C†C₇ P_iPeP»C₇H†P^oP»P^o
P_iP^oC†C-C" PSC, C-PI P·C- C†PePsC₇H_μP_eP_iPsPIP^oPSP_eP_jP_e P_iC-PePsP_j (C†C_rP_jP^o
PIPSC_rC, C₇H_μC-C_ePSCH_μPsC_rC, C₇H_μPsP±PSP_sP_iPs P_iC-PeC_r C, P^o P_iC-PeC_r P_iC-C†P»C₇
PSP^oC₇H_μPsPrP_μPμPSPSC₇ C_r P_iPsPIPSP_eC... C, P_eP_μPSC₇†C...) ≥ 32 P_iPsPIPSP_eC... C, P_eP_μPSC-PI
C, P^o < 44 P_iPsPIPSP_eC... C, P_eP_μPSC-PI. P'C-PePsPIP^o P_iC₇H_μP_iP^o P_iC-Pr 1 PrP_s 11
P_jC-C†C₇†C†C-PI P_iPeP»C₇H†P^oP»P^o P_iP^oC†C-C" PSC, C-PI P·C- C†PePsC₇H_μP_eP_iPsPIP^oPSP_eP_j
P_iC-PePsP_j ≥ 44 P_iPsPIPSP_eC... C, P_eP_μPSC-PI.

** P"PIP^o P_iP^oC†C-C" PSC, P^o P±C_rP»P_e P_iP_ePeP»C₇H†PμPSC-: PsPrP_ePS P±C-P»C₇H†C_e
PN_eP_jPsPIC-C₇H_μPSP_s C_r P·P_iB₇TM C₇†P·PeC_r P·C- P·PSP_eP_μPμPSP_sC₇ P^oPeC, P_ePIPSC-C†C, C₇
C-P·PsC, PμC₇H_μP_jPμPSC, C_r CYP2C19, PrC₇H_μP_iP_ePN_e B₇" C_r P·P_iB₇TM C₇†P·PeC_r C-P·
C†C_rP_iC_rC, PSC-P_j P·P^oC†C, P_sC†C_rP_iP^oPSPSC₇†P_j C-PSP_iC-P±C-C, P_sC₇H^o
C-P·PsC, PμC₇H_μP_jPμPSC, C_r CYP3A4.

P—P_iC-PrPSP_s P· P_iPsP±C_rPrP_sPIP^oPSP_sC₇ P_jPsPrPμP»P»C₇ P_Y_{ss, max} P_iC-C†P»C₇
PIPSC_rC, C₇H_μC-C_ePSCH_μPsPIPμPSPSP_sP_iPs P_iP_μPrPμPμPSPSC₇ PμP·PsP_jPμP_iC₇H^oP·P·PsP»C_r
C_eP»C₇†C...PsP_j 10-C...PIP_eP»P_ePSPPSP_sC—, 20-C...PIP_eP»P_ePSPPSP_sC— C, P^o 30-
C...PIP_eP»P_ePSPPSP_sC— C-PSC, C_rP·C-C— P·P_jPμPSC_ePeC, C₇H_μC†C₇†P_i C†PμC₇H_μPrPSC₇H_μPsP_jC_r,
PSP^o 37B₇"49%, 54B₇"66% C, P^o 61B₇"72% P_iC-PrP_iPsPIC-PrPSP_s C_r P_iC†C-C... P_iC-PePsPIP_eC...
P_iC₇H_μP_iP^oC... C, P^o P_iC₇H_μP_iP^oC... PrP_sP·C_rPIP^oPSPSC₇†C_r P_iPsC₇H_μ-PIPSC₇†PSPSC- P·C-
P·PSP^oC†PμPSPSC₇†P_j P_Y_{ss, max} P_iC-C†P»C₇ 3-C...PIP_eP»P_ePSPPSP_sC— C-PS'C"PeC†C-C—.

РЪР»C-PSC-C†PSC- C...P^oC₇H^oP_eC, PμC₇H_μP_eC†C, P_ePeP_e.

PuPsPeP°P·P°PSPSCII.

P°PsCḡPsCÍP»C-

- PhPSC,PëCÍPµPeCḡPµC,PSCḡPSP° C,PµCḡP°PíC-CÍ Cr CḡP°P·C-, PePsP»Pë PSPµPjPsP¶P»PëPIPs P·P°CÍC,PSCÍPsPICrPIP°C,Pë PíPµCḡPsCḡP°P»CHBPSPëPNë CëP»CÍC... PIPIPµPrPµPSPSCII, PSP°PíCḡPëPeP»P°Pr:
- PíP°CÍC,CḡPsPµP·PsC,,P°PíPµP°P»CHBPSP° CḡPµC,,P»CHPeCÍPSP° C...PIPsCḡPsP±P° (P°P·P PÍ) Cr PíP°C†C-C°PSC,C-PI P· PµP·PsC,,P°PíC-C,PSPj C,P°/P°P±Ps C,CÍP¶PePëPjPë CÍPëPjPíC,PSPjP°PjPë CḡPµC,,P»CHPeCÍCr;
- P»C-PeCÍPIP°PSPSCII PIPëCḡP°P·PsPe CëP»CÍPSPeP°, PíPsPIBḡ™ CÍP·P°PSPëC... P· C,PµCḡP°PíC-C°CH PSPµCÍC,PµCḡPsC—PrPSPëPjPë PíCḡPsC,PëP·P°PíP°P»CHBPSPëPjPë P·P°CÍPsP±P°PjPë(PkPµP—P—);
- PíPsPíPµCḡPµPrP¶PµPSPSCII PIPëCḡP°P·PsPe CëP»CÍPSPeP° C,P° PrPIP°PSP°PrC†CÍC,PëPíP°P»PsC— PePëCëPePë, PíPsPIBḡ™ CÍP·P°PSPëC... P· C,PµCḡP°PíC-C°CH PkPµP—P—, Cr PíP°C†C-C°PSC,C-PI, CÍPeC- PIC...PsPrCÍC,CH PrPs PíCḡCrPíPë CḡPëP·PëPeCÍ.
- PµCḡPsC,,C-P»P°PeC,PëPeP° PíPsPIC,PSCḡPSPsC— PeCḡPsPIPsC,PµC†C- Cr PíP°C†C-C°PSC,C-PI PíC-CÍP»CÍ PµPSPPrPsCÍPePsPíC-C†PSPsPíPs P»C-PeCÍPIP°PSPSCII PíPsCÍC,CḡPsC— PeCḡPsPIPsC,PµC†C- PIPSP°CÍP»C-PrPsPe PIPëCḡP°P·PePë CëP»CÍPSPeP° P°P±Ps PrPIP°PSP°PrC†CÍC,PëPíP°P»PsC— PePëCëPePë.

P°C-C,Pë PIC-PePsPj PIC-Pr 1 PrPs 18 CḡPsPeC-PI

- PhPSC,PëCÍPµPeCḡPµC,PSCḡPSP° C,PµCḡP°PíC-CÍ Cr CḡP°P·C-, PePsP»Pë PSPµPjPsP¶P»PëPIPs P·P°CÍC,PSCÍPsPICrPIP°C,Pë PíPµCḡPsCḡP°P»CHBPSPëPNë CëP»CÍC... PIPIPµPrPµPSPSCII, PSP°PíCḡPëPeP»P°Pr:
- PíP°CÍC,CḡPsPµP·PsC,,P°PíPµP°P»CHBPSP° CḡPµC,,P»CHPeCÍPSP° C...PIPsCḡPsP±P° (P°P·P PÍ) Cr PíP°C†C-C°PSC,C-PI P· PµCḡPsP·PëPIPSPëPj CḡPµC,,P»CHPeCÍPSPëPj PµP·PsC,,P°PíC-C,PSPj C,P°/P°P±Ps C,CÍP¶PePëPjPë CÍPëPjPíC,PSPjP°PjPë CḡPµC,,P»CHPeCÍCr.

PuCḡPsC,PëPíPsPeP°P·P°PSPSCII.

PµC-PrPIPëC%PµPSP° C†CrC,P»PëPIC-CÍC,CH PrPs PrC-CHC†PsC— CḡPµC†PsPIPëPSPë, C-PSCëPëC... P·P°PjC-C%PµPSPëC... P±PµPSP·PëPjC-PrP°P·PsP»C-PI P°P±Ps PrPs P±CÍPrCH- CÍPePsC— C-P· PrPsPíPsPjC-P¶PSPëC... CḡPµC†PsPIPëPS, PíPµCḡPµCḡP°C...PsPIP°PSPëC... Cr CḡPsP·PrC-P»C- B«PŸPeP»P°PrB».

P·P·PsPjPµPíCḡP°P·PsP» PSPµ CÍP»C-Pr P·P°CÍC,PSCÍPsPICrPIP°C,Pë PsPrPSPsC†P°CÍPSPs P· PSPµP»C,,C-PSP°PIC-CḡPsPj (PrPëPI. CḡPsP·PrC-P» B«P·P·P°C°PjPsPrC-CÍ P· C-PSCëPëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C°PjPsPrC-PNëB»).

P°P·P°C°PjPsPrC-CÍ P· C-PSCëPëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C°PjPsPrC-PNë.

$P'PIP \gg P\ddot{e}PI$ $P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{z} PSP^{\circ} C_{,,}P^{\circ}C\ddot{H}PjP^{\circ}PePsPeC - PSP_{\mu}C, P\ddot{e}PeC\acute{z} C - PSC\epsilon P\ddot{e}C \dots$
 $P \gg C - PeP^{\circ}C\ddot{H}C\acute{I}CHPeP\ddot{e}C \dots P \cdot P^{\circ}C\acute{I}PsP \pm C - PI$

$P \uparrow PSPiC - P \pm C - C, PsC\ddot{H}P\ddot{e} P\ddot{i}C\ddot{H}PsC, P_{\mu}P^{\circ}P \cdot P\ddot{e}$

$P'C - PrP \cdot PSP^{\circ}C \uparrow P_{\mu}PSP^{\circ} PIP \cdot P^{\circ}C''PjPsPrC - C\ddot{I} PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} C - P \cdot PrP_{\mu}C\ddot{I}PeP\ddot{e}PjP\ddot{e}$
 $C - PSPiC - P \pm C - C, PsC\ddot{H}P^{\circ}PjP\ddot{e} P\ddot{i}C\ddot{H}PsC, P_{\mu}P^{\circ}P \cdot P\ddot{e}. P_{\mu}P \gg C - PSC - C \uparrow PSP^{\circ} P \cdot PSP^{\circ}C \uparrow C\acute{r}C_{\%}C - C\acute{I}C, CH$
 $C, P^{\circ} PjP_{\mu}C \dots P^{\circ}PSC - P \cdot PjP\ddot{e} C \uparrow P\ddot{e}C \dots PIP \cdot P^{\circ}C''PjPsPrC - P_{\mu}PSP_{\mu} P \cdot P^{\circ}PIP \uparrow PrP\ddot{e} PIC - PrPsPjC -$
 $P_{\mu}C - PrPIP\ddot{e}C_{\%}P_{\mu}PSPSC\ddot{I} C\ddot{H}C - PIPSC\ddot{I} C\ddot{H}P_{\mu} C\epsilon P \gg C\acute{r}PSPePsPIPSPiPs C\acute{I}PsPeC\acute{r} PI P\ddot{i}P_{\mu}C\ddot{H}C - PsPr$
 $C, P_{\mu}C\ddot{H}P^{\circ}P\ddot{i}C - C - PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg PsPj PjPsP \uparrow P_{\mu} P \cdot PjC - PSC\ddot{H}PIP^{\circ}C, P\ddot{e}$
 $PIC\acute{I}PjPsPeC, C\acute{r}PIP^{\circ}PSPSC\ddot{I} C - PSPiC - P \pm C - C, PsC\ddot{H}C - PI P\ddot{i}C\ddot{H}PsC, P_{\mu}P^{\circ}P \cdot P\ddot{e}. P \uparrow PSC\epsilon C -$
 $PjP_{\mu}C \dots P^{\circ}PSC - P \cdot PjP\ddot{e} PIP \cdot P^{\circ}C''PjPsPrC - C - PjPsP \uparrow P \gg P\ddot{e}PIC - C \uparrow P_{\mu}C\ddot{H}P_{\mu}P \cdot$
 $P\ddot{i}C\ddot{H}P\ddot{e}PiPSC - C \uparrow P_{\mu}PSPSC\ddot{I} P^{\circ}PeC, P\ddot{e}PIPSPsC\acute{I}C, C - CYP2C19.$

$P_{\mu}PsPIC - PrPsPjP \gg C\ddot{I}P \gg PsC\acute{I}C\ddot{I}, C_{\%}Ps P\ddot{i}C\ddot{H}P\ddot{e} C\acute{I}C\acute{r}P\ddot{i}C\acute{r}C, PSC\ddot{H}PsPjC\acute{r}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC - P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg PsPj C\ddot{H}C - PIPSC - P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r}$
 $C, P^{\circ} PSP_{\mu}P \gg C_{,,}C - PSP^{\circ}PIC - C\ddot{H}C\acute{r} PI C\acute{I}P\ddot{e}C\ddot{H}PsPIP^{\circ}C, C \uparrow C - PeC\ddot{H}PsPIC - P \cdot PSP\ddot{e}P \uparrow C\acute{r}PIP^{\circ}P \gg P\ddot{e}C\acute{I}C\ddot{I},$
 $C, PsPjC\acute{r} C - C \dots PsPrPSPsC \uparrow P^{\circ}C\acute{I}PSP_{\mu} P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I} PSP_{\mu}$
 $C\ddot{H}P_{\mu}PePsPjP_{\mu}PSP\acute{r}C\acute{r}C''C, CHC\acute{I}C\ddot{I}. P\check{y}C\acute{r}P\ddot{i}C\acute{r}C, PSC'' P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I}$
 $PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} (40 PjPi PsPrP\ddot{e}PS C\ddot{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\acute{r}) P \cdot P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}PsPj$
 $300 PjPi / C\ddot{H}P\ddot{e}C, PsPSP^{\circ}PIC - C\ddot{H}PsPj 100 PjPi C\acute{r} P \cdot PrPsC\ddot{H}PsPIP\ddot{e}C \dots PrPsP \pm C\ddot{H}PsPIPSP \gg CHC \uparrow C - PI$
 $C\acute{I}P\ddot{i}C\ddot{H}P\ddot{e}C \uparrow P\ddot{e}PSC\ddot{I}P \gg Ps P \cdot PSP^{\circ}C \uparrow PSP_{\mu} P \cdot PSP\ddot{e}P \uparrow P_{\mu}PSPSC\ddot{I} P_{\mu}PeC\acute{I}P\ddot{i}PsP \cdot P\ddot{e}C \uparrow C - C -$
 $P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r} (P \cdot PSP\ddot{e}P \uparrow P_{\mu}PSPSC\ddot{I} AUC, C_{\max} C, P^{\circ} C_{\min} P\ddot{i}C\ddot{H}P\ddot{e}P \pm P \gg P\ddot{e}P \cdot PSPs PSP^{\circ}$
 $75\%). P_{\mu}C - PrPIP\ddot{e}C_{\%}P_{\mu}PSPSC\ddot{I} PrPsP \cdot P\ddot{e} P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r} PrPs 400 PjPi PSP_{\mu}$
 $PePsPjP\ddot{i}P_{\mu}PSC\acute{I}C\acute{r}PIP^{\circ}P \gg Ps PIP\ddot{i}P \gg P\ddot{e}PIC\acute{r} PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} PSP^{\circ} P_{\mu}PeC\acute{I}P\ddot{i}PsP \cdot P\ddot{e}C \uparrow C - CH$
 $P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r}. P\check{y}C\acute{r}P\ddot{i}C\acute{r}C, PSC'' P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I} PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r}$
 $(20 PjPi PSP^{\circ} PrPsP \pm C\acute{r}) P \cdot P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}PsPj 400 PjPi / C\ddot{H}P\ddot{e}C, PsPSP^{\circ}PIC - C\ddot{H}PsPj 100$
 $PjPi C\acute{r} P \cdot PrPsC\ddot{H}PsPIP\ddot{e}C \dots PrPsP \pm C\ddot{H}PsPIPSP \gg CHC \uparrow C - PI P \cdot PSP\ddot{e}P \uparrow C\acute{r}PIP^{\circ}P \gg Ps$
 $P_{\mu}PeC\acute{I}P\ddot{i}PsP \cdot P\ddot{e}C \uparrow C - CH P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r} P\ddot{i}C\ddot{H}P\ddot{e}P \pm P \gg P\ddot{e}P \cdot PSPs PSP^{\circ} 30 \%$
 $P\ddot{i}PsC\ddot{H}C - PIPSC\ddot{I}PSPs P \cdot P_{\mu}PeC\acute{I}P\ddot{i}PsP \cdot P\ddot{e}C \uparrow C - C''CH, PIC - PrP \cdot PSP^{\circ}C \uparrow P_{\mu}PSPsCH P\ddot{i}C\ddot{H}P\ddot{e}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC - P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}C\acute{r} 300 PjPi / C\ddot{H}P\ddot{e}C, PsPSP^{\circ}PIC - C\ddot{H}C\acute{r} 100 PjPi$
 $PsPrP\ddot{e}PS C\ddot{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\acute{r} P \pm P_{\mu}P \cdot P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I} PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} PI$
 $PrPsP \cdot C - 20 PjPi PSP^{\circ} PrPsP \pm C\acute{r}. P\check{y}C\acute{r}P\ddot{i}C\acute{r}C, PSC'' P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I}$
 $PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} (40 PjPi PSP^{\circ} PrPsP \pm C\acute{r}) P \cdot PjP_{\mu}PSC\epsilon C\acute{r}PIP^{\circ}P \gg Ps C\acute{I}P_{\mu}C\ddot{H}P_{\mu}PrPSC -$
 $P \cdot PSP^{\circ}C \uparrow P_{\mu}PSPSC\ddot{I} AUC, C_{\max} C, P^{\circ} C_{\min} PSP_{\mu}P \gg C_{,,}C - PSP^{\circ}PIC - C\ddot{H}C\acute{r} PSP^{\circ} 36\text{в}\ddot{H}''39\%, P^{\circ}$
 $C\acute{I}P_{\mu}C\ddot{H}P_{\mu}PrPSC - P \cdot PSP^{\circ}C \uparrow P_{\mu}PSPSC\ddot{I} AUC, C_{\max} C, P^{\circ} C_{\min} C_{,,}P^{\circ}C\ddot{H}PjP^{\circ}PePsP \gg PsPiC - C \uparrow PSPs$
 $P^{\circ}PeC, P\ddot{e}PIPSPsPiPs PjP_{\mu}C, P^{\circ}P \pm PsP \gg C - C, C\acute{r} P_{\mu}8 PSP^{\circ} 75\text{в}\ddot{H}''92\%.$

$P\ddot{S}P_{\mu}C\ddot{H}P_{\mu}P \cdot P\ddot{i}PsPrC - P \pm PSC - C\acute{I}C, CH C_{,,}P^{\circ}C\ddot{H}PjP^{\circ}PePsPrP\ddot{e}PSP^{\circ}PjC - C \uparrow PSP\ddot{e}C \dots P_{\mu}C_{,,}P_{\mu}PeC, C - PI$
 $C - C_{,,}P^{\circ}C\ddot{H}PjP^{\circ}PePsPeC - PSP_{\mu}C, P\ddot{e}C \uparrow PSP\ddot{e}C \dots PIP \gg P^{\circ}C\acute{I}C, P\ddot{e}PIPsC\acute{I}C, P_{\mu}P_{\mu} PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r}$
 $C, P^{\circ} P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} PSP_{\mu} C\ddot{H}P_{\mu}PePsPjP_{\mu}PSP\acute{r}C\acute{r}C''C, CHC\acute{I}C\ddot{I}$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C, P\ddot{e} P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg PsPrPSPsC \uparrow P^{\circ}C\acute{I}PSPs P \cdot$
 $P^{\circ}C, P^{\circ}P \cdot P^{\circ}PSP^{\circ}PIC - C\ddot{H}PsPj (PrP\ddot{e}PI. C\ddot{H}PsP \cdot PrC - P \gg B \ll P_{\mu}C\acute{I}PsP \pm P \gg P\ddot{e}PIPsC\acute{I}C, C -$
 $P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I}B \gg); C\acute{I}C\acute{r}P\ddot{i}C\acute{r}C, PSC'' P \cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\ddot{I}$
 $P_{\mu}P \cdot PsPjP_{\mu}P\ddot{i}C\ddot{H}P^{\circ}P \cdot PsP \gg C\acute{r} P \cdot PSP_{\mu}P \gg C_{,,}C - PSP^{\circ}PIC - C\ddot{H}PsPj P\ddot{i}C\ddot{H}PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSP_{\mu} (PrP\ddot{e}PI.$
 $C\ddot{H}PsP \cdot PrC - P \gg B \ll P_{\mu}C\ddot{H}PsC, P\ddot{e}P\ddot{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\ddot{I}B \gg).$

$P_{\mu}C - PrPIP\ddot{e}C_{\%}P_{\mu}PSPSC\ddot{I} PePsPSC \uparrow P_{\mu}PSC, C\ddot{H}P^{\circ}C \uparrow C - C - C\acute{I}P^{\circ}PePIC - PSP^{\circ}PIC - C\ddot{H}C\acute{r} (C_{\%}Ps$

$\text{P}\mu\text{C}\overline{\text{H}}\text{P}\overline{\text{e}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{S}}\text{C}\overline{\text{H}}\text{P}\overline{\text{s}}\text{P}\overline{\text{j}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\overline{\text{P}}\overline{\text{i}}\text{P}\overline{\text{u}}\text{C}\overline{\text{H}}\text{P}\overline{\text{s}}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{P}\rangle\text{C}\overline{\text{H}}\text{P}\overline{\text{S}}\text{P}\overline{\text{s}}\text{P}\overline{\text{j}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{S}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{I}}\text{P}^{\circ}\text{P}\overline{\text{S}}\text{P}\overline{\text{S}}\text{C}-40$
 $\text{P}\overline{\text{j}}\text{P}\overline{\text{i}}\text{P}\overline{\text{u}}\text{P}\cdot\text{P}\overline{\text{s}}\text{P}\overline{\text{j}}\text{P}\overline{\text{u}}\text{P}\overline{\text{i}}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{P}\cdot\text{P}\overline{\text{s}}\text{P}\rangle\text{C}\overline{\text{r}}\text{C}\text{P}^{\circ}\text{C}\text{P}\overline{\text{u}}\text{P}\overline{\text{S}}\text{C}-\text{C}\text{P}\overline{\text{s}}\text{C}-\text{P}\overline{\text{S}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{j}}\text{C}-\text{P}\overline{\text{S}}\text{C}-\text{P}\overline{\text{j}}\text{P}^{\circ}\text{P}\rangle\text{C}\overline{\text{H}}\text{P}\overline{\text{S}}\text{C}-$
 $\text{P}\overline{\text{e}}\text{P}\overline{\text{s}}\text{P}\overline{\text{S}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{u}}\text{P}\overline{\text{S}}\text{C}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}\overline{\text{r}}\text{C}-\text{C}\text{P}\overline{\text{u}}\text{P}\overline{\text{S}}\text{C}-\text{C}\text{P}\overline{\text{s}}\text{C}-\text{P}\overline{\text{S}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{i}}\text{P}\rangle\text{P}^{\circ}\text{P}\cdot\text{P}\overline{\text{j}}\text{C}-\text{P}\overline{\text{e}}\text{C}\overline{\text{H}}\text{P}\overline{\text{s}}\text{P}\overline{\text{I}}\text{C}-$
 $\text{C}\dots\text{P}\overline{\text{I}}\text{P}\overline{\text{s}}\text{C}\overline{\text{H}}\text{P}\overline{\text{e}}\text{C}\dots\text{P}\overline{\text{S}}\text{P}^{\circ}\text{P}\overline{\text{u}}\text{P}\overline{\text{i}}\text{C}-\text{P}\rangle\text{P}\overline{\text{u}}\text{P}\overline{\text{i}}\text{C}\overline{\text{r}}\text{C}-\text{C}\overline{\text{H}}\text{P}\cdot\text{C}\overline{\text{H}}\text{P}\overline{\text{s}}\text{C}\overline{\text{r}}\text{C}\text{P}^{\circ}\text{P}\rangle\text{P}\overline{\text{e}}\text{P}\overline{\text{S}}\text{P}^{\circ}13\%.$
 $\text{P}\text{P}\overline{\text{u}}\text{P}\overline{\text{e}}\text{P}\overline{\text{s}}\text{P}\overline{\text{i}}\text{P}\overline{\text{u}}\text{P}\overline{\text{S}}\text{P}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{C}\overline{\text{H}}\text{C}\overline{\text{r}}\text{C}\overline{\text{H}}\text{P}\overline{\text{e}}\text{P}\overline{\text{s}}\text{P}\overline{\text{S}}\text{C}\text{C}\overline{\text{H}}\text{P}\overline{\text{s}}\text{P}\rangle\text{C}\overline{\text{H}}\text{P}\overline{\text{I}}\text{P}^{\circ}\text{C}\text{P}\overline{\text{e}}\text{P}\overline{\text{e}}\text{P}\overline{\text{s}}\text{P}\overline{\text{S}}\text{C}\overline{\text{r}}\text{C}\overline{\text{r}}\text{C}\text{P}\overline{\text{u}}\text{P}\overline{\text{S}}\text{C}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}\overline{\text{r}}\text{C}-$

C,,PμPSC-C,PSC—PSCr Cr PīP»P°P·PjC- PSP° PīPsC‡P°C,PeCf C,PμCḡP°PīC-C—
PμP·PsPjPμPīCḡP°P·PsP»PsPj C,P° PīCḡPē C—C— PīCḡPēPīPēPSPμPSPSC-.

P'PsCḡPēPePsPSP°P·PsP»

P—P°CfC,PSCfCfPIP°PSPSCḡ PsPjPμPīCḡP°P·PsP»Cr (40 PjPi PsPrPēPS CḡP°P· PSP° PrPsP±Cf)
CfPīCḡPēC‡PēPSCḡP»Ps P·CḡPsCfC,P°PSPSCḡ C_{max} C,P° AUC_{τB} PIPsCḡPēPePsPSP°P·PsP»Cr
(CfCfP±CfC,CḡP°C,Cr CYP2C19) PIC-PrPīPsPIC-PrPSPs PSP° 15% C,P° 41%
PIC-PrPīPsPIC-PrPSPs.

PiPēP»PsCfC,P°P·PsP»

PḡPjPμPīCḡP°P·PsP», CḡPe C- PμP·PsPjPμPīCḡP°P·PsP», C" C-PSPiC-P±C-C,PSCḡPsPj CYP2C19.
Pj P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPpsP»CHC†C-PI Cr C...PsPrC- PīPμCḡPμC...CḡPμCfPSPsPiPs
PrPsCfP»C-PrPḡPμPSPSCḡ P·P°CfC,PSCfCfPIP°PSPSCḡ PsPjPμPīCḡP°P·PsP»Cr PI PrPsP·C- 40
PjPi PīCḡPēP·PIPPrPēP»Ps PrPs P·CḡPsCfC,P°PSPSCḡB C_{max} C,P° AUC C†PēP»PsCfC,P°P·PsP»Cr
PIC-PrPīPsPIC-PrPSPs PSP° 18% C,P° 26%, P° PsPrPSPsPiPs C-P· PNēPsPiPs P°PeC,PēPIPSPēC...
PjPμC,P°P±PsP»C-C,C-PI Bḡ" PSP° 29% C,P° 69%.

PiPēP·P°PīCḡPēPr

PŸCfPīCfC,PSC-PNē PīPμCḡPsCḡP°P»CHPSPēPNē PīCḡPēPNēPsPj 40 PjPi
PμP·PsPjPμPīCḡP°P·PsP»Cr C,P° C†PēP·P°PīCḡPēPrCf Cr P·PrPsCḡPsPIPēC...
PrPsP±CḡPsPIPpsP»CHC†C-PI PīCḡPēP·PIPPrPēPI PrPs P·P±C-P»CHCēPμPSPSCḡ PīP»PsC%oC-
PīC-Pr PeCḡPēPIPsCḡ P·P°P»PμPḡPSPsCfC,C- PePsPSC†PμPSC,CḡP°C†C-C— PIC-Pr C‡P°CfCf
(AUC) PSP° 32%, P° PīPμCḡC-PsPrCf PSP°PīC-PIPIPēPIPμPrPμPSPSCḡ (t_{1/2}) Bḡ" PSP° 31%,
P°P»Pμ P·PSP°C‡PSPsPiPs PīC-PrPIPēC%oPμPSPSCḡ PjP°PeCfPēPjP°P»CHPSPsC—
PePsPSC†PμPSC,CḡP°C†C-C— C†PēP·P°PīCḡPēPrCf Cr PīP»P°P·PjC- PeCḡPsPIC-
PIC-PrP·PSP°C‡PμPSPs PSPμ P±CfP»Ps. PkPμP·PSP°C‡PSPsPiPs PīPsPrPsPIPḡPμPSPSCḡ
C-PSC,PμCḡPIP°P»Cr QTc, CḡPePμ CfPīPsCfC,PμCḡC-PiP°P»PsCfCḡ PīCḡPē
PjPsPSPsC,PμCḡP°PīC-C— C†PēP·P°PīCḡPēPrPsPj, PīCḡPē P·P°CfC,PSCfCfPIP°PSPSC-
C†PēP·P°PīCḡPēPrCf PI PePsPjP±C-PSP°C†C-C— P· PμP·PsPjPμPīCḡP°P·PsP»PsPj PSPμ
PIC-PrPjC-C‡P°P»PsCfCḡ.

P'P°CḡC,,P°CḡPēPS

Pj PeP»C-PSC-C‡PSPsPjCf PrPsCfP»C-PrPḡPμPSPSC- P±CfP»Ps PīPsPeP°P·P°PSPs, C%oPs
PīCḡPē CfCfPīCfC,PSCHPsPjCf PīPμCḡPsCḡP°P»CHPSPsPjCf P·P°CfC,PSCfCfPIP°PSPSC-
PμP·PsPjPμPīCḡP°P·PsP»Cr PI PrPsP·C- 40 PjPi Cr PīP°C†C-C" PSC,C-PI PSP° C,,PsPSC-
C,PμCḡP°PīC-C— PIP°CḡC,,P°CḡPēPSPsPj C‡P°Cf PePsP°PīCfP»CḡC†C-C— P·P°P»PēCēP°PICfCḡ
PI PīCḡPēPNēPSCḡC,PSPēC... PjPμPḡP°C.... PḡPrPSP°Pe Cr
PīPsCfC,PjP°CḡPePμC,PēPSPiPsPIPēPNē PīPμCḡC-PsPr PSP° C,,PsPSC-
P·P°CfC,PSCfCfPIP°PSPSCḡ PīPμCḡPsCḡP°P»CHPSPsPiPs PμP·PsPjPμPīCḡP°P·PsP»Cr P±CfP»Pē
PIC-PrP·PSP°C‡PμPSC- PeC-P»CHPeP° PsPeCḡPμPjPēC... PIPēPīP°PrPeC-PI PeP»C-PSC-C‡PSPs
P·PSP°C‡CfC%oPsPiPs PīC-PrPIPēC%oPμPSPSCḡ PḡPkp' (PjC-PḡPSP°CḡPsPrPSPμ

PSPsCḡPjP°P»C-P·PsPIP°PSPμ PIC-PrPSPsC€PμPSPSCḡ) PīCḡPē CíCfPíCfC,PSCHbPsPjCf
P·P°CíC,PsCíCfPIP°PSPSC- C†PēC... P»C-PeP°CḡCíCHbPePēC... P·P°CíPSP±C-PI.
P PμPePsPjPμPSPrCfC”C,CHCíCḡ PīCḡPsPIPsPrPēC,Pē PjPsPSC-C,PsCḡPēPSPi PSP°
PīPsC†P°C,PeCf C,P° PSP°PīCḡPēPeC-PSC†C- CíCfPíCfC,PSCHbPsPiPs
P·P°CíC,PsCíCfPIP°PSPSCḡ PμP·PsPjPμPīCḡP°P·PsP»Cf C,P° PIP°CḡC,,P°CḡPēPSCf P°P±Ps
C-PSC€PēC... PeCfPjP°CḡPēPSPsPIPēC... PīPsC...C-PrPSPēC....

PḡP»PsPīC-PrPsPiCḡPμP»CHb

P PμP·CfP»CHbC,P°C,Pē PsC†C-PSPePē C,,P°CḡPjP°PePsPeC-PSPμC,PēC†PSPsC—
(PαPḡ)/C,,P°CḡPjP°PePsPrPēPSP°PjC-C†PSPsC— (PαP”) PIP·P°C”PjPsPrC-C— PjC-Pḡ
PeP»PsPīC-PrPsPiCḡPμP»PμPj (PSP°PIP°PSC,P°PḡCfPIP°P»CHbPSP° PrPsP·P°
300 PjPi/PiC-PrC,CḡPēPjCfCḡC†P° PrPsP·P° 75 PjPi PSP° PrPsP±Cf) C-
PμP·PsPjPμPīCḡP°P·PsP»PsPj (PīPμCḡPsCḡP°P»CHbPSPs 40 PjPi PSP° PrPsP±Cf),
PsC,CḡPēPjP°PSC- PīC-Pr C†P°Cí PīCḡPsPIPμPrPμPSPSCḡ PrPsCíP»C-PrPḡPμPSCHb P·P°
CfC†P°CíC,Cḡ P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHbC†C-PI, PīPsPeP°P·P°P»Pē
P·PSPēPḡPμPSPSCḡ PμPeCíPīPsP·PēC†C-C— P°PeC,PēPIPSsPiPs PjPμC,P°P±PsP»C-C,Cf
PeP»PsPīC-PrPsPiCḡPμP»Cḡ PI CíPμCḡPμPrPSCHbPsPjCf PSP° 40% C- P·PSPēPḡPμPSPSCḡ
PjP°PeCíPēPjP°P»CHbPSPsPiPs PīPsPeP°P·PSPēPeP° C-PSPiC-P±CfPIP°PSPSCḡ
(C-PSPrCfPePsPIP°PSPsC— PḡP”Pα) P°PiCḡPμPiP°C†C-C— C,CḡPsPjP±PsC†PēC,C-PI PI
CíPμCḡPμPrPSCHbPsPjCf PSP° 14%.

PμC-Pr C†P°Cí PīCḡPsPIPμPrPμPSPSCḡ PrPsCíP»C-PrPḡPμPSPSCḡ P·P° CfC†P°CíC,Cḡ
P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CHbC†C-PI, PePsP»Pē PeP»PsPīC-PrPsPiCḡPμP»CHb
P·P°CíC,PsCíCfPIP°PICfPIP°PICfCḡ CḡP°P·PsPj C-P· PμP·PsPjPμPīCḡP°P·PsP»PsPj C-
P°C†PμC,PēP»CíP°P»C-C†PēP»PsPIPsCḡ PePēCíP»PsC,PsCḡ (PḡPŸPḡ) Cf
C,,C-PeCíPSPiP°PSC-PNḡ PePsPjP±C-PSP°C†C-C— PrPsP· (20 PjPi 81 PjPi PIC-PrPīPsPIC-PrPSPs)
Cf PīPsCḡC-PIPSḡPSPSC- P· P·P°CíC,PsCíCfPIP°PSPSCḡPj PeP»PsPīC-PrPsPiCḡPμP»Cḡ Cf
PIPēPiP»CḡPrC- PjPsPSPsC,PμCḡP°PīC-C—, PIC-PrP·PSP°C†P°P»PsCíCḡ P·PSPēPḡPμPSPSCḡ
PμPeCíPīPsP·PēC†C-C— P°PeC,PēPIPSsPiPs PjPμC,P°P±PsP»C-C,Cf PeP»PsPīC-PrPsPiCḡPμP»Cḡ
PjP°PNḡPḡPμ PSP° 40 %. PḡPrPSP°Pe PjP°PeCíPēPjP°P»CHbPSC- CḡC-PIPSḡ-
C-PSPiC-P±CfPIP°PSPSCḡ (C-PSPrCfPePsPIP°PSPsC— PḡP”Pα) P°PiCḡPμPiP°C†C-C—
C,CḡPsPjP±PsC†PēC,C-PI Cf C†PēC... PsCíC-P± P±CfP»Pē PsPrPSP°PePsPIPēPjPē PI PiCḡCfPīC-
P·P°CíC,PsCíCfPIP°PSPSCḡ PeP»PsPīC-PrPsPiCḡPμP»Cḡ CḡPe PjPsPSPsC,PμCḡP°PīC-C— C- PI
PiCḡCfPīC- P·P°CíC,PsCíCfPIP°PSPSCḡ PeP»PsPīC-PrPsPiCḡPμP»Cḡ CḡP°P·PsPj P·
PμP·PsPjPμPīCḡP°P·PsP»PsPj C- PḡPŸPḡ. PJ CíPīPsCíC,PμCḡPμPḡPSPēC... C-
PeP»C-PSC-C†PSPēC... PrPsCíP»C-PrPḡPμPSPSCḡC... PsC,CḡPēPjP°PSPs
CíCfPīPμCḡPμC†P»PēPIC- PrP°PSC- C°PsPrPs PeP»C-PSC-C†PSPēC... P°CíPīPμPeC,C-PI
PαPḡ/PαP” PIP·P°C”PjPsPrC-C— PμP·PsPjPμPīCḡP°P·PsP»Cf CíC,PsCíCfPIPSs PIPμP»PēPePēC...
CíPμCḡC†PμPIPs-CíCfPrPēPSPSPēC... PīPsPrC-PNḡ. PīPe P·P°PīPsP±C-PḡPSPēPNḡ P·P°C...C-Pr
PsPrPSPsC†P°CíPSPsPiPs P·P°CíC,PsCíCfPIP°PSPSCḡ PμP·PsPjPμPīCḡP°P·PsP»Cf C,P°
PeP»PsPīC-PrPsPiCḡPμP»Cḡ PSPμPsP±C...C-PrPSPs CfPSPēPeP°C,Pē.

P”PsCíP»C-PrPḡCfPIP°PSC- P»C-PeP°CḡCíCHbPeC- P·P°CíPSP±Pē P±PμP· PeP»C-PSC-C†PSPs
P·PSP°C†CfC°PsC— PIP·P°C”PjPsPrC-C—

PћPjPsPeCІPёC†PёP»C-PS P°P±Ps C...C-PSC-PrPёPS

P'CrP»Ps PiPsPeP°P·P°PSPs C%Ps PµP·PsPjPµPiCћP°P·PsP» PeP»C-PSC-C†PSPs
P·PSP°C†CrC%Pµ PSPµ PIPiP»PёPIP°PI PSP° C„P°CћPjP°PePsPeC-PSPµC,PёPeCf
P°PjPsPeCІPёC†PёP»C-PSCf P°P±Ps C...C-PSC-PrPёPSCf.

PќP°PiCћPsPeCІPµPS P°P±Ps CћPsC„PµPePsPeCІPёP±

PµCћPsC,CІPiPsPj PePsCћPsC,PePsC†P°CІPSPёC... PrPsCІP»C-PrP¶PµPSCћ
CІCrPiCrC,PSCћPsPiPs P·P°CІC,PsCІCrPIP°PSPSCІ PµP·PsPjPµPiCћP°P·PsP»Cr P·
PSP°PiCћPsPeCІPµPSPsPj P°P±Ps CћPsC„PµPePsPeCІPёP±PsPj P¶PsPrPSPsC—
C„P°CћPjP°PePsPeC-PSPµC,PёC†PSPsC— PIP·P°C”PjPsPrC-C— PiPsPjC-C†PµPSPs PSPµ
P±CrP»Ps.

P'PiP»PёPI C-PSCёPёC... P»C-PeP°CћCІCћPePёC... P·P°CІPsP±C-PI PSP°
C„P°CћPjP°PePsPeC-PSPµC,PёPeCз PµP·PsPjPµPiCћP°P·PsP»Cз

P>C-PeP°CћCІCћPeC- P·P°CІPsP±Pё, CІPeC- C-PSPrCзPeCзCћC,CH P°PeC,PёPIPSC-CІC,CH
CYP2C19 C,P°/P°P±Ps CYP3A4

P·P·PsPjPµPiCћP°P·PsP» PjPµC,P°P±PsP»C-P·CrC”C,CHCІCІ CYP2C19 C,P° CYP3Pћ4.
PŸCrPiCrC,PSC” PiPµCћPsCћP°P»CHPSPµ P·P°CІC,PsCІCrPIP°PSPSCІ
PµP·PsPjPµPiCћP°P·PsP»Cr C,P° C-PSPiC-P±C-C,PsCћP° CYP3Pћ4
PeP»P°CћPёC,CћPsPjC-C†PёPSCf (500 PjPi PrPIC-C†C- PSP° PrPsP±Cr) PiCћPёP·PIPsPrPёP»Ps
PrPs PiPsPrPIPsC”PSPSCІ PµPeCІPiPsP·PёC†C-C— (AUC) PµP·PsPjPµPiCћP°P·PsP»Cr.
PŸCrPiCrC,PSC” P·P°CІC,PsCІCrPIP°PSPSCІ PµP·PsPjPµPiCћP°P·PsP»Cr C,P°
PePsPjP±C-PSPsPIP°PSPsPiPs C-PSPiC-P±C-C,PsCћP° CYP2C19 C,P° CYP3Pћ4 PjPsP¶Pµ
PiCћPёP·PIPsPrPёC,Pё PrPs P·CћPsCІC,P°PSPSCІ PµPeCІPiPsP·PёC†C-C—
PµP·PsPjPµPiCћP°P·PsP»Cr P±C-P»CHCёPµ PSC-P¶ CrPrPIC-C†C-. P†PSPiC-P±C-C,PsCћ
CYP2C19 C,P° CYP3Pћ4 PIPsCћPёPePsPSP°P·PsP» P·P±C-P»CHCёCrPIP°PI AUCτ
PsPjPµPiCћP°P·PsP»Cr PSP° 280%. PµPsCћPµPeC†C-CІ PrPsP·Pё PµP·PsPjPµPiCћP°P·PsP»Cr
PSPµ P·P°PIP¶PrPё PiPsC,CћC-P±PSP° PI C,P°PePёC... CІPёC,CfP°C†C-CІC.... PhPrPSP°Pe
PIPsPSP° PjPsP¶Pµ P±CrC,Pё PSPµPsP±C...C-PrPSPsCћ PrP»CІ PiP°C†C-C”PSC,C-PI C-P·
C,CІP¶PePёPjPё PiPsCћCrCёPµPSPSCІPjPё C„CfPSPeC†C-C— PiPµC†C-PSPePё C,P° Cr
PIPёPiP°PrPeP°C..., PePsP»Pё PiPsPeP°P·P°PSPµ PrPsPIPiPsC,CћPёPIP°P»Pµ
P»C-PeCfPIP°PSPSCІ.

P>C-PeP°CћCІCћPeC- P·P°CІPsP±Pё, CІPeC- C-PSPrCзPeCзCћC,CH P°PeC,PёPIPSC-CІC,CH
CYP2C19 C,P°/P°P±Ps CYP3A4

P>C-PeP°CћCІCћPeC- P·P°CІPsP±Pё (C,P°PeC- CІPe CћPёC„P°PjPiC-C†PёPS C,P°
P·PIC-CћPsP±C-PNё), P·PrP°C,PSC- CІC,PёPjCrP»CћPIP°C,Pё CYP2C19 C†Pё CYP3Pћ4 P°P±Ps
PsP±PёPrPIP° C†C- C„PµCћPjPµPSC,Pё, PjPsP¶CrC,CH P·PSPёP¶CrPIP°C,Pё
PePsPSC†PµPSC,CћP°C†C-Cћ PµP·PsPjPµPiCћP°P·PsP»Cr Cr CІPёCћPsPIP°C,C†C- PeCћPsPIC-
CёP»CІC...PsPj PiPsCІPёP»PµPSPSCІ PNёPsPiPs PjPµC,P°P±PsP»C-P·PjCr.

P"С-С,Рё

P"PsCfP»C-PrP¶PµPSPSC¶ P»C-РeP°C¶CfCHPePsC— PIP·P°C"РjPsPrC-C—
PiC¶PsPIPPrPёP»PёCfC¶ C,C-P»CHPePё P·P° CfC±P°CfC,C¶ PrPsC¶PsCfP»PёC....

PhCfPsP±P»PёPIPScfC,C- P·P°CfC,PsCfCзPIP°PSPSC¶.

PJ C¶P°P·C- P±CfPrCH-C¶PePёC... C,C¶PёPIPSP¶PSPёC... CfPёPjPiC,PsPjC-PI (C,P°PePёC...
C¶Pe, PSP°PiC¶PёPeP»P°Pr, P·PSP°C±PSPµ PSPµPiPµC¶PµPrP±P°C±CfPIP°PSPµ
P·PSPёP¶PµPSPSC¶ PjP°CfPё C,C-P»P°, PiPµC¶C-PrPёC±PSPµ P±P»C¶PIP°PSPSC¶,
PrPёCfC,„P°PiC-C¶, PiPµPjP°C,PµPjPµP·PёCf P°P±Ps PjPµP»PµPSP°) C,P° PiC¶Pё
PiC-PrPsP·C¶C- PSP° PIPёC¶P°P·PeCf C¶P»CfPSPeP° C±Pё PiC¶Pё C—C— PSP°C¶PIPSPScfC,C-
CfP»C-Pr PIPёPeP»C¶C±PёC,Pё P·P»PsC¶PeC-CfPSPµ P·P°C...PIPsC¶C¶PIP°PSPSC¶,
PsCfPeC-P»CHPePё P»C-РeP°C¶CfCHPePёPNё P·P°CfC-P± PkPµPeCfC-CfPj PjPsP¶Pµ
PiC¶PёC...PsPICfPIP°C,Pё CfPёPjPiC,PsPjPё C,P° P·P°C,C¶PёPjCfPIP°C,Pё
PICfC,P°PSPsPIP»PµPSPSC¶ PrC-P°PiPSPP·Cf.

PёP»CзPSPePsIPs-PePёC¶PePsPIC- C-PSC„PµPeC†C-C—

P¶PµC¶P°PiC-C¶ C-PSPiC-P±C-C,PsC¶P°PjPё PiC¶PsC,PsPSPSPSc— PiPsPjPiPё PjPsP¶Pµ
PrPµC%Ps P·P±C-P»CHC¶CfPIP°C,Pё C¶PёP·PёPe C¶P»CfPSPePsIPs-PePёC¶PePsPIPёC...
C-PSC„PµPeC†C-PNё, C,P°PePёC... C¶Pe C-PSC„PµPeC†C-C—, P·CfPjPsIP»PµPSC- *Salmonella*
C,P° CP°*mylobacter* (PrPёPI. C¶PsP·PrC-P» B«P°C¶PjP°PePsPrPёPSP°PjC-PeP°B»).

P'CfPjPsPeC,CзPIP°PSPSC¶ PIC-C,P°PjC-PSCз P'12

P·P·PsPjPµPiC¶P°P·PsP», C¶Pe C- PICfC- P»C-РeP°C¶CfCHPeC- P·P°CfPsP±Pё, C%Ps
P±P»PsPeCfCH,C¶ CfPµPeC¶PµC†C-C¶ PePёCfP»PsC,Pё, PjPsP¶Pµ
PiC¶PёPiPSC-C±CfPIP°C,Pё PICfPjPsPeC,CfPIP°PSPSC¶ PIC-C,P°PjC-PSCf P'12
(C†C-P°PSPsPePsP±P°P»P°PjC-PSCf) PIPSP°CfP»C-PrPsPe PiC-PiPs- C±Pё
P°C...P»PsC¶PiC-PrC¶C-C—. PiPµ CfP»C-Pr PjP°C,Pё PSP° CfPIP°P·C- C%PsPrPs
PiP°C†C-C"PSC,C-PI P·C- P·PSPёP¶PµPSPёPj P·P°PiP°CfPsPj PIC-C,P°PjC-PSCf PI
PsC¶PiP°PSC-P·PjC- P°P±Ps C,„P°PeC,PsC¶P°PjPё C¶PёP·PёPeCf PiPsPiC-C¶C¶PµPSPsPiPs
PICfPjPsPeC,CfPIP°PSPSC¶ PIC-C,P°PjC-PSCf P'12 PiC¶Pё PrPsPiPiPsC,C¶PёPIP°P»C-PNё
C,PµC¶P°PiC-C—.

P"С-PiPsPjP°PiPSC-C"РjC-C¶

P'PёPiP°PrPePё C,C¶P¶PePsC— PiC-PiPsPjP°PiPSC-C"РjC-C— PIC-PrP·PSP°C±P°P»PёCfC¶ Cf
PiP°C†C-C"PSC,C-PI, C¶PeC- PiC¶PёPNёPjP°P»Pё C-PSPiC-P±C-C,PsC¶Pё PiC¶PsC,PsPSPSPSc—
PiPsPjPiPё (P†PµPµ), C,P°PeC- C¶Pe PµP·PsPjPµPiC¶P°P·PsP», PiC¶PsC,C¶PiPsPj

C%PsPSP°PNpPjPμPSC€Pμ C, CḡCHbPsC... PjC-CḡCḡCḡC-PI, P° Cḡ P±C-P»CHbC€PsCḡC, C-
PIPēPiP°PrPeC-PI бḡ“ PiCḡPsC, CḡPiPsPj CḡPsPeCḡ. P“C-PiPsPjP°PiPSC-C”PjC-Cḡ PjPsPḡPμ
PjP°C, Pē CḡPμCḡPNpPsP-PSC- PiCḡPsCḡPIPē, C, P°PeC- CḡPe PIC, PsPjP°, C, PμC, P°PSC-Cḡ,
PrPμP»C-CḡC-PNp, CḡCḡPrPsPjPē, P·P°PiP°PjPsCḡPsC±PμPSPSCḡ C, P° C€P»CḡPSPsC±PePsPIP°
P°CḡPēC, PjC-Cḡ, P°P»Pμ C—C... CḡPsP·PIPēC, PsPe PjPsPḡPμ P±CḡC, Pē PiPsCḡC, CḡPiPsPIPēPj
C, P° P»PēC€P°C, PēCḡCḡ PSpμPiPsPjC-C±PμPSPēPj. Pj P±C-P»CHbC€PsCḡC, C-
PiP°CḡC-C”PSC, C-PI C-P· PiC-PiPsPjP°PiPSC-C”PjC-C”Cḡ CḡC, P°PS
PiPsPeCḡP°C%CḡPiP°PICḡCḡ PiC-CḡP»Cḡ P·P°PjC-CḡPSPsC— C, PμCḡP°PiC-C— PjP°PiPSC-C”Pj
C, P° PiCḡPēPiPēPSPμPSPSCḡ P·P°CḡC, PsCḡCḡPiP°PSPSCḡ P±PμPμ.

PμP°CḡC-C”PSC, P°Pj, PrP»Cḡ CḡPePēC... PiPμCḡPμPrP±P°C±P°C”C, CHbCḡCḡ
C, CḡPēPIP°P»PēPNp PeCḡCḡCḡ P»C-PeCḡPiP°PSPSCḡ P°P±Ps CḡPeC- PiCḡPēPNpPjP°CḡC, CHb
P±PμPμ C-P· PrPēPiPsPeCḡPēPSPsPj C±Pē P»C-PeP°CḡCḡCHbPePēPjPē P·P°CḡPsP±P°PjPē,
P·PrP°C, PSPēPjPē CḡPiCḡPēC±PēPSCḡC, Pē PiC-PiPsPjP°PiPSC-C”PjC-Cḡ (PSP°PiCḡPēPeP»P°Pr
P·PrC-CḡCḡPμC, PēPeP°PjPē), PrPsCḡC-P»CHbPSPēPj PjPsPḡPμ P±CḡC, Pē
PIPēPjC-CḡCḡPiP°PSPSCḡ CḡC-PIPSCḡ PjP°PiPSC-Cḡ PiPμCḡPμPr PiPsC±P°C, PePsPj
C, PμCḡP°PiC-C— P±PμPμ C, P° PiPμCḡC-PsPrPēC±PSPs PiCḡPsC, CḡPiPsPj P»C-PeCḡPiP°PSPSCḡ.

P PēP·PēPe PIPēPSPēPePSPμPSPSCḡ PiPμCḡPμP»PsPjC-PI

P±PSPiC-P±C-C, PsCḡPē PiCḡPsC, PsPSPSPsC— PiPsPjPiPē, PsCḡPsP±P»PēPIPs PiCḡPē
P·P°CḡC, PsCḡCḡPiP°PSPSC- Cḡ PIPēCḡPsPePēC... PrPsP·P°C... C, P° PiCḡPsC, CḡPiPsPj
C, CḡPēPIP°P»PsPiPs PiPμCḡC-PsPrCḡ (>1 CḡPsPeCḡ), PjPsPḡCḡC, CHb PrPμC%Ps
PiC-PrPIPēC%CḡPiP°C, Pē CḡPēP·PēPe PiPμCḡPμP»PsPjCḡ CḡC, PμPiPSP°, P·P°Piбḡ™ CḡCḡC, Cḡ
C, P° C...CḡPμP±C, P°, PiPμCḡPμPiP°PḡPSPs Cḡ PiP°CḡC-C”PSC, C-PI P»C-C, PSCHbPsPiPs PIC-PeCḡ
C±Pē P· C-PSC€PēPjPē C,, P°PeC, PsCḡP°PjPē CḡPēP·PēPeCḡ. P PμP·CḡP»CHbC, P°C, Pē
PsPiP»CḡPrPsPIPēC... PrPsCḡP»C-PrPḡPμPSCHb CḡPIC-PrC±P°C, CHb, C%Ps
C-PSPiC-P±C-C, PsCḡPē PiCḡPsC, PsPSPSPsC— PiPsPjPiPē PjPsPḡCḡC, CHb
PiC-PrPIPēC%CḡPiP°C, Pē P·P°PiP°P»CHbPSPēPNp CḡPēP·PēPe PiPμCḡPμP»PsPjC-PI PSP°
10бḡ“40%. P”PμCḡPePsCḡ PjC-CḡPsCḡ C±Pμ PiC-PrPIPēC%PμPSPSCḡ PjPsPḡPμ P±CḡC, Pē
P·CḡPjPsPIP»PμPSPs C-PSC€PēPjPē C,, P°PeC, PsCḡP°PjPē CḡPēP·PēPeCḡ. PμP°CḡC-C”PSC, C-PI,
CḡPePēPj P·P°PiCḡPsPḡCḡ CḡPēP·PēPe PsCḡC, PμPsPiPsCḡPsP·Cḡ, CḡP»C-Pr P»C-PeCḡPiP°C, Pē
PIC-PrPiPsPIC-PrPSPs PrPs PrC-CḡC±PēC... PeP»C-PSC-C±PSPēC...
CḡPμPePsPjPμPSPPrP°CḡC-PNp; C, P°PePsPḡ C—Pj CḡP»C-Pr PsC, CḡPēPjCḡPiP°C, Pē
PSP°P»PμPḡPSCḡ PeC-P»CHbPeC-CḡC, CHb PIC-C, P°PjC-PSCḡ D C, P° PeP°P»CHbCḡC-Cḡ.

PμC-PrPiPsCḡC, CḡPēPNp C€PeC-CḡPSPēPNp C±PμCḡPIPsPSPēPNp PIPsPIC±P°Pe

P—P°CḡC, PsCḡCḡPiP°PSPSCḡ C-PSPiC-P±C-C, PsCḡC-PI PiCḡPsC, PsPSPSPsC— PiPsPjPiPē
PiPsPiбḡ™ CḡP·CḡCḡC, CHb C-P· PrCḡPḡPμ CḡC-PrPeC-CḡPSPēPjPē PIPēPiP°PrPeP°PjPē
CḡPsP·PIPēC, PeCḡ PiC-PrPiPsCḡC, CḡPsPiPs C€PeC-CḡPSPsPiPs C±PμCḡPIPsPSPsPiPs
PIPsPIC±P°PeP°. PiPeC%Ps PIPēPSPēPeP°C” CḡCḡP°PḡPμPSPSCḡ, PsCḡPsP±P»PēPIPs PSP°
PrC-P»CḡPSPeP°C..., C%Ps P·P°P·PSP°CḡC, CHb PIP°P»PēPICḡ CḡPsPSCḡC±PSPsPiPs
CḡPIC-C, P»P°, C- C±Pμ CḡCḡPiCḡPsPIPsPrPḡCḡC”C, CHbCḡCḡ P°CḡC, CḡP°P»PiC-C”Cḡ,
PiP°CḡC-C”PSC, Cḡ PSpμPsP±C...C-PrPSPs PSpμPiP°PNpPSPs P·PIPμCḡPSCḡC, PēCḡCḡ PrPs
P»C-PeP°CḡCḡ, CḡPePēPNp CḡPsP·PiP»CḡPSPμ PSpμPsP±C...C-PrPSC-CḡC, CHb
PiCḡPēPiPēPSPμPSPSCḡ P·P°CḡC, PsCḡCḡPiP°PSPSCḡ P»C-PeP°CḡCḡCHbPePsPiPs P·P°CḡPsP±Cḡ
PḡPμPeCḡC-CḡPj. P·PēPSPēPePSPμPSPSCḡ PiC-PrPiPsCḡC, CḡPsPiPs C€PeC-CḡPSPsPiPs

C#PµCḡPIPsPSPsPiPs PIPsPIC#P°PeP° Cṛ PṛP°C†C-C"ḢSC,C-PI PṛC-Pr C#P°Cṛ
PṛPsPṛPµCḡPµPrPSCḢPsC— C,PµCḡP°PṛC-C— C-PSPiC-P±C-C,PḡCḡP°PjPḡ PṛCḡPsC,PḡPSPSPsC—
PṛPsPjPṛPḡ PjPsPḡPµ PṛC-PrPIPḡC%ḡPḡC,Pḡ CḡPḡP·PḡPe PḡPsPiPs CḡPsP·PIPḡC,PḡCṛ PṛCḡPḡ
P·P°CṛC,PḡCṛCṛPIP°PSPSC- C-PSCḡPḡC... C-PSPiC-P±C-C,PḡCḡC-PI PṛCḡPsC,PḡPSPSPsC—
PṛPsPjPṛPḡ.

PḡPsPjP±C-PSP°C†C-Cḡ P· C-PSCḡPḡPjPḡ P»C-PḡP°CḡCḡḢPḡPḡPjPḡ P·P°CṛPsP±P°PjPḡ

PḡPµ CḡPµPePsPjPµPSPṛCṛC"ḢCḢCṛCḡ P·P°CṛC,PḡCṛPsPICṛPIP°C,Pḡ PµP·PsPjPµPṛCḡP°P·PsP»
PsPrPSPsC#P°CṛPSPs P· P°C,P°P·P°PSP°PIC-CḡPsPj (PrPḡPI. CḡPsP·PrC-P»
B«P'P·P°C"ḡPjPsPrC-Cḡ P·B C-PSCḡPḡPjPḡ P»C-PḡP°CḡCḡḢPḡPḡPjPḡ P·P°CṛPsP±P°PjPḡ C,P°
C-PSCḡC- PIPḡPrPḡ PIP·P°C"ḡPjPsPrC-PḡB»). PṛPeC%ḡPs PePsPjP±C-PSP°C†C-C—
P°C,P°P·P°PSP°PIC-CḡCṛ P· C-PSPiC-P±C-C,PḡCḡPsPj PṛCḡPsC,PḡPSPSPsC— PṛPsPjPṛPḡ
CṛPSPḡPePSCṛC,Pḡ PSPµPjPsPḡP»PḡPIPs, CḡPµPePsPjPµPSPṛCṛC"ḢCḢCṛCḡ
CḡPµC,PµP»CḢPSPs PePsPSC,CḡPsP»CḢPIP°C,Pḡ PeP»C-PSC-C#PSPḡPḡ CṛC,P°PS
PṛP°C†C-C"ḢSC,C-PI, P° C,P°PePsPḡ PṛC-PrPIPḡC%ḡPḡC,Pḡ PrPsP·Cṛ P°C,P°P·P°PSP°PIC-CḡCṛ
PrPs 400 PjPi Cṛ PṛPsC"PrPSP°PSPSC- P·C- 100 PjPi CḡPḡC,PḡPSP°PIC-CḡCṛ; PrPsP·Cṛ
PµP·PsPjPµPṛCḡP°P·PsP»Cṛ 20 PjPi PṛPµCḡPµPIPḡC%ḡCṛPIP°C,Pḡ PSPµ CṛP»C-Pr.

P·P·PsPjPµPṛCḡP°P·PsP» Bḡ" C-PSPiC-P±C-C,PḡCḡ CYP2C19. PḡP° PṛPsC#P°C,PḡCṛ C,P°
PSP°PṛCḡPḡPeC-PSC†C- C,PµCḡP°PṛC-C— PµP·PsPjPµPṛCḡP°P·PsP»PsPj CṛP»C-Pr
PICḡP°C...PsPICṛPIP°C,Pḡ PjPsPḡP»PḡPIC-CṛC,CḢ PIP·P°C"ḡPjPsPrC-C— C-P·
P»C-PḡP°CḡCḡḢPḡPḡPjPḡ P·P°CṛPsP±P°PjPḡ, C%ḡPs PjPµC,P°P±PsP»C-P·CṛCḢC,CḢCṛCḡ
CYP2C19. P'Ḣ-PrP·PSP°C#PµPSPs PIP·P°C"ḡPjPsPrC-CḢ PjC-Pḡ PeP»PsPiC-PrPsPiCḡPµP»PµPj C,P°
PsPjPµPṛCḡP°P·PsP»PsPj (PrPḡPI. CḡPsP·PrC-P» B«P'P·P°C"ḡPjPsPrC-Cḡ P·B C-PSCḡPḡPjPḡ
P»C-PḡP°CḡCḡḢPḡPḡPjPḡ P·P°CṛPsP±P°PjPḡ C,P° C-PSCḡC- PIPḡPrPḡ PIP·P°C"ḡPjPsPrC-PḡB»).
PḡP»C-PSC-C#PSP° P·PSP°C#CṛC%ḡC-CṛC,CḢ C†C-C"Ḣ— PIP·P°C"ḡPjPsPrC-C— C,PḡC#PSPs PSPµ
PIPḡP·PSP°C#PµPSP°. PṛPe P·P·PṛPsP±C-PḡPSPḡPḡ P·P°C...C-Pr PSPµ
CḡPµPePsPjPµPSPṛCṛC"ḢCḢCṛCḡ PsPrPSPsC#P°CṛPSPs P·P°CṛC,PḡCṛPsPICṛPIP°C,Pḡ
PµP·PsPjPµPṛCḡP°P·PsP» C,P° PeP»PsPiC-PrPsPiCḡPµP»CḢ.

PḡCḡPḡPḡPeC- CḡPeC-CḡPSC- PṛPsP±C-C#PSC- CḡPµP°PeC†C-C— (SCARs)

Pj P·PIBḡ™ CḡP·PeCṛ P· P»C-PḡCṛPIP°PSPSCḡPj PµP·PsPjPµPṛCḡP°P·PsP»PsPj
PṛPsPIC-PrPsPjP»CḡP»PsCṛCḡ PṛCḡPs PrCṛPḡPµ CḡC-PrPeC-CṛPSC- PIPḡPṛP°PrPePḡ
C,CḡPḡPePḡC... CḡPeC-CḡPSPḡC... PṛPsP±C-C#PSPḡC... CḡPµP°PeC†C-Pḡ (SCARs),
PIPḡP»CḢC#PSPs P· PµCḡPḡC,PµPjPsCḢ P±P°PiP°C,PḡC,,PsCḡPjPSPsCḢ (EM),
CṛPḡPSPṛCḡPsPjPsPj PṛC,C-PIPµPSCṛP° Bḡ" P"ḡPḡPsPSCṛPsPSP° (SJS), C,PḡPeCṛPḡC#PSPḡPj
PµPṛC-PrPµCḡPjP°P»CḢPSPḡPj PSPµPeCḡPsP»C-P·PsPj (TEN) C,P° CḡPµP°PeC†C-C"Ḣ PSP°
P»C-PḡP°CḡCḡḢPḡPḡPḡ P·P°CṛC-P± P· PµPsP·PḡPSPsC,,C-P»C-C"Ḣ C,P°
CṛPḡCṛC,PµPjPSPḡPjPḡ CṛPḡPjPiC,PḡPjP°PjPḡ (DRESS), CḡPeC- PjPsPḡCṛC,CḢ PSPµCṛC,Pḡ
P·P°PiCḡPsP·Cṛ PḡPḡC,C,CḢ.

PµP°C†C-C"ḢSC,Pḡ PjP°CḢC,CḢ P±CṛC,Pḡ PṛPsC-PSC,,PsCḡPjPsPIP°PSC- PṛCḡPs PjPsPḡP»PḡPIC-
PsP·PSP°PePḡ C,P° CṛPḡPjPiC,PḡPjPḡ C,CḡPḡPePḡC... CḡPeC-CḡPSPḡC... PṛPsP±C-C#PSPḡC...
CḡPµP°PeC†C-Pḡ EM/SJS/TEN/DRESS C- PṛPsPIPḡPSPSC- PSPµPiP°PḡPSPs

[illegible]

C,PIP°CḡPëPSP°C... PSPµ P±CfP»Ps PIPëCḡPIP»PµPSPs PíCḡCḡPjPsPiPs C‡Pë
PsPíPsCfPµCḡPµPrPePsPIP°PSPsPiPs C€PeC-PrP»PëPIPsPiPs PIPiP»PëPICf PSP° PíPµCḡPµP±C-Pi
PIP°PiC-C,PSPsCfC,C-, PíPsP»PsPiPë C,P° PíPsCfC,PSP°C,P°P»CHPSPëPNë CḡPsP·PIPëC,PsPe.
P’P°PiC-C,PSPëPj PḡC-PSPeP°Pj PíPsC,CḡC-P±PSPs P· PsP±PµCḡPµPḡPSC-CfC,Cḡ
PíCḡPëP·PSP°C‡P°C,Pë P»C-PeP°CḡCfCHPePëPNë P·P°CfC-P± PkPµPeCfC-CfPj.

PµPsPjC-CḡPSP° PeC-P»CHPeC-CfC,Cḡ PrP°PSPëC... PíCḡPs P·P°CfC,PsCfCfPIP°PSPSCḡ
P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf PIP°PiC-C,PSPëPj (PIC-Pr 300 PrPs 1000
PIPëPíP°PrPeC-PI PIP°PiC-C,PSPsCfC,C-) PIPeP°P·CfC” PSP° PIC-PrCfCfC,PSC-CfC,Cḡ
CḡPëP·PëPeCf PICḡPsPrPḡPµPSPëC... PIP°Pr CḡPsP·PIPëC,PeCf P°P±Ps C,PsPeCfPëC‡PSPsPiPs
PIPiP»PëPICf PµP·PsPjPµPíCḡP°P·PsP»Cf PSP° CfC,P°PS PíP»PsPrP°/P·PrPsCḡPsPIḡḡ™Cḡ
PSPsPiPsPSP°CḡPsPrPḡPµPSPsC— PrPëC,PëPSPë.

P PµP·CfP»CHC,P°C,Pë PrPsCfP»C-PrPḡPµPSCḡ PSP° C,PIP°CḡPëPSP°C... CfPIC-PrC‡P°C,Cḡ
PíCḡPs PIC-PrCfCfC,PSC-CfC,Cḡ PíCḡCḡPjPsC— C‡Pë PsPíPsCfPµCḡPµPrPePsPIP°PSPsC—
C€PeC-PrP»PëPIPsC— PrC-C— P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf PSP°
CḡPµPíCḡPsPrCfPeC,PëPIPsCf C,,CfPSPeC‡C-Cḡ P·P° CḡP°C...CfPSPsPe PNëPsPiPs
C,PsPeCfPëC‡PSPsPiPs PIPiP»PëPICf.

P”PsPrCfPIP°PSPSCḡ PíCḡCfPrPrCḡ

PkPµPIC-PrPsPjPs, C‡Pë PíCḡPsPSPëPeP°C” PµP·PsPjPµPíCḡP°P·PsP» Cf PíCḡCfPrPSPµ
PjPsP»PsPePs. P‡PSC,,PsCḡPjP°C‡C-C— PíCḡPs PIPiP»PëPI PµP·PsPjPµPíCḡP°P·PsP»Cf PSP°
PSPsPiPsPSP°CḡPsPrPḡPµPSPëC.../PSPµPjPsPIP»CḡC, PSPµPrPsCfC,P°C,PSCḡPs.
P·P·PsPjPµPíCḡP°P·PsP» PSPµ CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë PI PíPµCḡC-PsPr
PíPsPrCfPIP°PSPSCḡ PíCḡCfPrPrCḡ.

PḡPµCḡC,PëP»CHPSC-CfC,Cḡ

P PµP·CfP»CHC,P°C,Pë PrPsCfP»C-PrPḡPµPSCḡ CḡP°C‡PµPjC-C‡PSPsC— CfCfPjC-C€C-
PsPjPµPíCḡP°P·PsP»Cf PSP° C,PIP°CḡPëPSP°C... PIPeP°P·CfCḡC,Cḡ PSP°
PIC-PrCfCfC,PSC-CfC,Cḡ PIPiP»PëPICf PsPjPµPíCḡP°P·PsP»Cf PSP°
C,,PµCḡC,PëP»CHPSC-CfC,Cḡ Cf CḡP°P·C- PíPµCḡPsCḡP°P»CHPSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCḡ P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf.

P—PrP°C,PSC-CfC,Cḡ PIPiP»PëPIP°C,Pë

PSP° C€PIPëP᳚PεC-CÍC,CH C᳚PμP°PεC†C-C— PïC᳚Pë PεPμC᳚C¿PIP°PSPSC- P°PIC,PsC,C᳚P°PSCÍPïPsC᳚C,PsPj P°P±Ps C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë.

P·P·PsPjPμPïC᳚P°P·PsP» PjP°C” PSPμP·PSP°C†PSPëPNε PIPïP»PëPI PSP° P·PrP°C,PSC-CÍC,CH
PεPμC᳚C†PIP°C,Pë C,C᳚P°PSCÍPïPsC᳚C,PSPëPjPë P·P°CÍPsP±P°PjPë P°P±Ps
PïC᳚P°C†C᳚PIP°C,Pë P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë.
PμPsPIC-PrPsPjP»C¿C”C,CHCÍC¿ PïC᳚Ps C,P°PεC- PïPsP±C-C†PSC- C᳚PμP°PεC†C-C—, C¿Pε
P·P°PïP°PjPsC᳚PsC†PμPSPSC¿ (PSPμC†P°CÍC,Ps) C- PSPμC†C-C,PεC-CÍC,CH P·PsC᳚C†
(PSPμC†P°CÍC,Ps) (PrPëPI. C᳚PsP·PrC-P» B«PμPsP±C-C†PSC- C᳚PμP°PεC†C-C—B»). PïPεC%Ps
C,P°PεC- C᳚PsP·P»P°PrPë CÍPïPsCÍC,PμC᳚C-PiP°C᳚C,CHCÍC¿, PïP°C†C-C”PSC,P°Pj PSPμ
CÍP»C-Pr PεPμC᳚C†PIP°C,Pë C,C᳚P°PSCÍPïPsC᳚C,PSPëPjPë P·P°CÍPsP±P°PjPë C,P°
PïC᳚P°C†C᳚PIP°C,Pë P· C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë.

PŸPïPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSC¿ C,P° PrPsP·Pë.

P”PsP·C†PIP°PSPSC¿

-

P”PsC᳚PsCÍP»C-

P᳚PSC,PëCÍPμPεC᳚PμC,PsC᳚PSP° C,PμC᳚P°PiC-C¿ C¿ C᳚P°P·C-, PεPsP»Pë PSPμPjPsP¶P»PëPIPs
P·P°CÍC,PsCÍPsPIC¿PIP°C,Pë PïPμC᳚PsC᳚P°P»CHPSPëPNε C€P»C¿C... PIPIPμPrPμPSPSC¿
PμP°C†C-C”PSC,P°Pj, C¿PεC- PSPμ PjPsP¶C†C,CH PïC᳚PëPNεPjP°C,Pë P»C-PεP°C᳚CÍCHPεPëPNε
P·P°CÍC-P± PïPμC᳚PsC᳚P°P»CHPSPs, PjPsP¶PSP° PIPiPsPrPëC,Pë P»C-PεP°C᳚CÍCHPεPëPNε
P·P°CÍC-P± PïP°C᳚PμPSC,PμC᳚P°P»CHPSPs C† PrPsP·C- 20в᳚40 PjPi PsPrPëPS C᳚P°P· PSP°
PrPsP±C†. P”PsP·P° PrP»C¿ PïP°C†C-C”PSC,C-PI C-P· C᳚PμC,,P»C᳚PεCÍPSPëPj
PμP·PsC,,P°PiC-C,PsPj CÍC,P°PSPsPIPëC,CH 40 PjPi PsPrPëPS C᳚P°P· PSP° PrPsP±C†. P”PsP·P°
PrP»C¿ PïP°C†C-C”PSC,C-PI, C%Ps PsPrPμC᳚P¶C†C᳚C,CH CÍPëPjPïC,PsPjP°C,PëC†PSPμ
P»C-PεC†PIP°PSPSC¿ C᳚PμC,,P»C᳚PεCÍPSPsC— C...PIPsC᳚PsP±Pë, CÍC,P°PSPsPIPëC,CH 20
PjPi PsPrPëPS C᳚P°P· PSP° PrPsP±C†.

PμC᳚Pë P»C-PεC†PIP°PSPSC- PIPëC᳚P°P·PsPε C€P»C†PSPεP°, P·C†PjPsPIP»PμPSPëC...
P·P°CÍC,PsCÍC†PIP°PSPSC¿Pj PkPμP—P—, P·PIPëC†P°PNεPSP° PrPsP·P° CÍC,P°PSPsPIPëC,CH20
PjPi PsPrPëPS C᳚P°P· PSP° PrPsP±C†. P”P»C¿ P·P°PïPsP±C-PiP°PSPSC¿ PIPëC᳚P°P·PεP°Pj
C€P»C†PSPεP° C,P° PrPIP°PSP°PrC†C¿C,PëPïP°P»PsC— PεPëC€PεPë, P·C†PjPsPIP»PμPSPëPj
C,PμC᳚P°PiC-C”C᳚ PkPμP—P—, PïP°C†C-C”PSC,P°Pj PiC᳚C†PïPë C᳚PëP·PëPεC†
PïC᳚PëP·PSP°C†P°C᳚C,CH P»C-PεP°C᳚CÍCHPεPëPNε P·P°CÍC-P± C† PrPsP·C- 20 PjPi PsPrPëPS
C᳚P°P· PSP° PrPsP±C†.

P—P°P·PIPëC±P°PNë P»C—PeCfPIP°PSPSClI P·P° PrPsPïPsPjPsPiPsCñ P»C—PeP°CñCfCñPePsPiPs
P·P°CfP±P±Cf PrP»Cñ PIPSCfC,CñC—CëPSCñPsPIPµPSPSPsPiPs PIPIPµPrPµPSPSClI C”
PePsCñPsC,PePsC,CñPëPIP°P»PëPj, PïP°C†C—C”PSC,C—PI CfP»C—Pr PïPµCñPµPIPsPrPëC,Pë PSP°
PïPµCñPsCñP°P»CñPSPµ P·P°CfC,PsCfCfPIP°PSPSClI P»C—PeP°CñCfCñPePsPiPs
P·P°CfP±P±Cf CñPePsPjPsPiP° CëPIPëPrCëPµ.

*PµCñPsC,,C—P»P°PeC,PëPeP° PïPsPIC,PsCñPSPsC— PeCñPsPIPsC,PµC±C— C¿ PïP°C†C—C”PSC,C—PI
PïC—CfP»Cñ PµPSPPrPsCfPePsPïC—C±PSPsPiPs P»C—PeC¿PIP°PSPSClI PiPsCfC,CñPsC—
PeCñPsPIPsC,PµC±C— PIPSP°CfP»C—PrPsPe PIPëCñP°P·PePë CëP»C¿PSPeP° P°P±Ps
PrPIP°PSP°PrC†CñC,PëPïP°P»PsC— PePëCëPePë*

PµC—CfP»Cñ C,PµCñP°PïPµPIC,PëC±PSPsC— PµPSPPrPsCfPePsPïC—C— PiPsCfC,CñPsC—
PeCñPsPIPsC,PµC±C— PIPëCñP°P·PsPe CëP»CfPSPeP° P°P±Ps PrPIP°PSP°PrC†CñC,PëPïP°P»PsC—
PePëCëPePë PIPIPsPrCñC,Cñ 80 PjPi P»C—PeP°CñCfCñPePsPiPs P·P°CfP±P±Cf Cf
PIPëPiP»CñPrC— P±PsP»CñCfPSPsC— C—PSC,,CfP·C—C— C,CñPëPIP°P»C—CfC,Cñ 30
C...PIPëP»PëPS, PïC—CfP»Cñ C±PsPiPs PïCñPsPrPsPIP¶CfCñC,Cñ PIPIPµPrPµPSPSClI
P»C—PeP°CñCfCñPePsPiPs P·P°CfP±P±Cf Cf PIPëPiP»CñPrC— C,CñPëPIP°P»PsC—
PIPSCfC,CñC—CëPSCñPsPIPµPSPSPsC— C—PSC,,CfP·C—C— P·C— CëPIPëPrPeC—CfC,Cñ 8
PjPi/PiPsPrPëPSCf PIPïCñPsPrPsPIP¶ 3 PrPSC—PI (72 PiPsPrPëPS).

PµC—CfP»Cñ PïP°CñPµPSC,PµCñP°P»CñPSPsPiPs P»C—PeCfPIP°PSPSClI C,PµCñP°PïC—Cñ
CfP»C—Pr PïCñPsPrPsPIP¶PëC,Pë P·P° PrPsPïPsPjPsPiPsCñ PïPµCñPsCñP°P»CñPSPëC...
P·P°CfP±P±C—PI, C°%Ps PïCñPëPiPSC—C±CfCñC,Cñ PePëCfP»PsC,PSCf CfPµPeCñPµC†C—Cñ.

PÿPïPsCfC—P± P·P°CfC,PsCfCfPIP°PSPSClI

P†PSCfC,CñCfPeC†C—C— C—P· PïCñPëPiPsC,CfPIP°PSPSClI PIC—PrPSPsPIP»PµPSPsPiPs
CñPsP·C±PëPSCf PSP°PIPµPrPµPSC— Cf PrP°PSPsPjCf CñPsP·PrC—P»C— PSPëP¶C±Pµ, PrPëPI.
CñPsP·PrC—P» B«PÿPïPµC†C—P°P»CñPSC— P·P°C...PsPrPë P±PµP·PïPµPePë PïCñPë
CfC,PëP»C—P·P°C†C—C— C,P° PïPsPIPsPrP¶PµPSPSC— P· PSPµPIPëPePsCñPëCfC,P°PSPëPj
P»C—PeP°CñCfCñPePëPj P·P°CfP±P±PsPjB».

P†PSBñ™ C”PeC†C—C—

P”PsP·P° 40 PjPi

5 PjP» PIC—PrPSPsPIP»PµPSPsPiPs CñPsP·C±PëPSCf (8 PjPi/PjP») PIPIPsPrCñC,Cñ Cf
PIPëPiP»CñPrC— PIPSCfC,CñC—CëPSCñPsPIPµPSPSPsC— C—PSBñ™ C”PeC†C—C—
C,CñPëPIP°P»C—CfC,Cñ C°%PsPSP°PNëPjPµPSCëPµ 3 C...PIPëP»PëPSPë.

P”PsP·P° 20 PjPi

2,5 PjP», P°P±Ps PīPsP»PsPIPëPSCř PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř (8 PjPi/PjP»),
PIPIPsPrCĹIC,CH Cř PIPëPiP»CĹIPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC—
C-PSБĤ™ C”PeC†C-C— C,CĤPëPIP°P»C-CřC,CH C%oPsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë.
PќPμPIPëPePsCĤPëCřC,P°PSPëPNë CĤPsP·C‡PëPS CřC,PëP»C-P·CřCHC,CH.

P†PSC,,CřP·C-C—

P”PsP·P° 40 PjPi

P’C-PrPSPsPIP»PμPSPëPNë CĤPsP·C‡PëPS PIPIPsPrCĹIC,CH Cř PIPëPiP»CĹIPrC-
PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C— C,CĤPëPIP°P»C-CřC,CH 10БĤ”30
C...PIPëP»PëPS.

P”PsP·P° 20 PjPi

PμPsP»PsPIPëPSCř PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř PIPIPsPrCĹIC,CH Cř
PIPëPiP»CĹIPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C—
C,CĤPëPIP°P»C-CřC,CH 10БĤ”30 C...PIPëP»PëPS. PќPμPIPëPePsCĤPëCřC,P°PSPëPNë
CĤPsP·C‡PëPS CřC,PëP»C-P·CřCHC,CH.

P’PsP»CHCřPSP° PrPsP·P° 80 PjPi

P’C-PrPSPsPIP»PμPSPëPNë CĤPsP·C‡PëPS PIPIPsPrCĹIC,CH Cř PIPëPiP»CĹIPrC-
C,CĤPëPIP°P»PsC— PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C—
PİCĤPsC,CĹIPiPsPj 30 C...PIPëP»PëPS.

P”PsP·P° 8 PjPi/PiPsPr

P’C-PrPSPsPIP»PμPSPëPNë CĤPsP·C‡PëPS PIPIPsPrCĹIC,CH Cř PIPëPiP»CĹIPrC-
C,CĤPëPIP°P»PsC— PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C—
PİCĤPsC,CĹIPiPsPj 71,5 PiPsPrPëPSPë (CĤPsP·CĤP°C...PsPIP°PSP° C€PIPëPrPeC-CřC,CH
C-PSC,,CřP·C-C— 8 PjPi/PiPsPrPëPSCř; C,PμCĤPjC-PS PİCĤPëPrP°C,PSPsCřC,C-
PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř PIPeP°P·P°PSPëPNë Cř CĤPsP·PrC-P»C-
B«PŷPμCĤPjC-PS PİCĤPëPrP°C,PSPsCřC,C-B»).

PμP°C†C-C”PSC,Pë PsCřPsP±P»PëPIPëC... PiCĤCřPi

PμPsCĤCđC€PμPSPSCĹ C,,CđPSPeC†C-C— PSPëCĤPsPe

P”P»CĹ PİP°C†C-C”PSC,C-PI C-P· PİPsCĤCřC€PμPSPSCĹPj C,,CřPSPeC†C-C— PSPëCĤPsPe
PePsCĤPμPeC†C-CĹ PrPsP·Pë PSPμ C” PSPμPsP±C...C-PrPSPsCH. PĥCřPeC-P»CHPePë
PrPsCřPIC-Pr P·P°CřC,PsCřCřPIP°PSPSCĹ PİCĤPμPİP°CĤP°C,Cř PİP°C†C-C”PSC,P°Pj C-P·
C,CĹP¶PePsCH PSPëCĤPePsPIPsCH PSPμPrPsCřC,P°C,PSC-CřC,CH PsP±PjPμP¶PμPSPëPNë,
C,P°PePëC... PİP°C†C-C”PSC,C-PI CřP»C-Pr P»C-PeCřPIP°C,Pë P· PsP±PμCĤPμP¶PSC-CřC,CH

(PrPëPI. CĥPsP·PrC-P» B«PαP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

PμPsCĥCžC€PμPSPSCĬ C,,CžPSPeC†C-C— PïPμC‡C-PSPePë

P“P·P PĬ: PïP°C†C-C”PSC,P°Pj C-P· PïPsCĥC†C€PμPSPSCĬPjPë C,,C†PSPeC†C-C—
PïPμC‡C-PSPePë P»PμPiPePsPiPs P°P±Ps PïPsPjC-CĥPSPsPiPs C†C,C†PïPμPSCĬ
C,CĬP¶PePsC†C,C- PePsCĥPμPeC†C-CĬ PrPsP·Pë PSPμ PïPsC,CĥC-P±PSP°. PμP°C†C-C”PSC,P°Pj
C-P· C,CĬP¶PePëPjPë PïPsCĥC†C€PμPSPSCĬPjPë C,,C†PSPeC†C-C— PïPμC‡C-PSPePë PSPμ
C†P»C-Pr PïPμCĥPμPIPëC%oC†PIP°C,Pë PjP°PeC†PëPjP°P»CHPSC† PrPsP·C†
P»C-PeP°CĥC†CHPePsPiPs P·P°C†PsP±C† PkPμPeC†C-C†Pj, CĬPeP° C†C,P°PSPsPIPëC,CH 20
PjPi (PrPëPI. CĥPsP·PrC-P» B«PαP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

P’PëCĥP°P·PePë, C%oPs PeCĥPsPIPsC,PsC†P°C,CH: PïP°C†C-C”PSC,P°Pj C-P· P»PμPiPePëPjPë
P°P±Ps PïPsPjC-CĥPSPëPjPë PïPsCĥC†C€PμPSPSCĬPjPë C,,C†PSPeC†C-C— PïPμC‡C-PSPePë
PePsCĥPμPeC†C-CĬ PrPsP·Pë PSPμ PïPsC,CĥC-P±PSP°; PïP°C†C-C”PSC,P°Pj C-P·
C,CĬP¶PePëPjPë PïPsCĥC†C€PμPSPSCĬPjPë C,,C†PSPeC†C-C— PïPμC‡C-PSPePë PïC-C†P»CĬ
PIPIPμPrPμPSPSCĬ PïPsC†P°C,PePsPIPsC— P±PsP»CHC†PSPsC— PrPsP·Pë
P»C-PeP°CĥC†CHPePsPiPs P·P°C†PsP±C† PkPμPeC†C-C†Pj PrP»CĬ C-PSC,,C†P·C-PNē 80 PjPi
PïPsPrP°P»CHC€Pμ PIPIPμPrPμPSPSCĬ P»C-PeP°CĥC†CHPePsPiPs P·P°C†PsP±C† C†
PIPëPiP»CĬPrC- C,CĥPëPIP°P»PsC— PIPSC†C,CĥC-C€PSCĥPsPIPμPSPSPsC— C-PSC,,C†P·C-C—
P·C- C€PIPëPrPeC-C†C,CH 4 PjPi/PiPsPrPëPSC† PïCĥPsC,CĬPiPsPj 71,5 PïPsPrPëPSPë PjPsP¶Pμ
P±C†C,Pë PrPsC†C,P°C,PSC-Pj (PrPëPI. CĥPsP·PrC-P» B«PαP°CĥPjP°PePsPeC-PSPμC,PëPeP°B»).

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

PμPsCĥPμPeC†C-CĬ PrPsP·Pë PSPμ PïPsC,CĥC-P±PSP°.

P”C-C,Pë

P”PsP·C†PIP°PSPSCĬ

-

P”C-C,Pë PIC-PePsPj 1Бĥ“18 CĥPsPeC-PI

*PĥPSC,PëC†PμPeCĥPμC,PsCĥPSP° C,PμCĥP°PiC-CĬ Cž CĥP°P·C-, PePsP»Pë PSPμPjPsP¶P»PëPIPs
P·P°C†C,PsC†PsPICžPIP°C,Pë PïPμCĥPsCĥP°P»CHPSPëPNē C€P»CĬC... PIPIPμPrPμPSPSCĬ*

PμP°C†C-C”PSC,P°Pj, CĬPeC- PSPμ PjPsP¶C†C,CH PïCĥPëPNēPjP°C,Pë P»C-PeP°CĥC†CHPePëPNē
P·P°C†C-P± PïPμCĥPsCĥP°P»CHPSPs, C† PjPμP¶P°C... PïPμCĥC-PsPrC† PïPsPIPsPiPs
P»C-PeC†PIP°PSPSCĬ P“P·P PĬ PjPsP¶PSP° PIPIPsPrPëC,Pë P»C-PeP°CĥC†CHPePëPNē
P·P°C†C-P± PïP°CĥPμPSC,PμCĥP°P»CHPSPs PsPrPëPS CĥP°P· PSP° PrPsP±C† (PrPsP·Pë
PIPeP°P·P°PSPs C† C,P°P±P»PëC†C- 2).

P—P°P·PIPëC‡P°PNë P»C—PëCřPIP°PSPSCŹ P·P° PrPsPřPsPjPsPiPsCĤ P»C—PëP°CĤCřCĤPëPsPiPs
P·P°CřPsP±Cř PrP»CŹ PIPSCřC,CĤC—CëPSCĤPsPIPµPSPSPsPiPs PIPµPrPµPSPSCŹ PjP°C”
P±CřC,Pë PePsCĤPsC,PëPsC,CĤPëPIP°P»PëPj; PïP°C‡C—C”PSC,C—PI CřP»C—Pr
PïPµCĤPµPIPsPrPëC,Pë PSP° PïPµCĤPsCĤP°P»CĤPSPëPNë PïCĤPëPNëPsPj
P»C—PëP°CĤCřCĤPëPsPiPs P·P°CřPsP±Cř CŹPePsPjPsPiP° CëPIPëPrCëPµ.

PÿP°P±P»PëC‡CŹ 2

P PµPePsPjPµPSPPrPsPIP°PSC— PrPsP·Pë PµP·PsPjPµPïCĤP°P·PsP»Cř PrP»CŹ
PIPSCřC,CĤC—CëPSCĤPsPIPµPSPSPsPiPs PIPµPrPµPSPSCŹ

P’C—PëPsPIP° PïCĤCřPïP°	P»C—PëCřPIP°PSPSCŹ PµCĤPsP·PëPIPSPsPiPs CĤPµC,,P»CĤPëCřPSPsPiPs PµP·PsC,,P°PïC—C,Cř	PÿPëPjPïC,PsPjP°C,PëC‡PSPµ P»C—PëCřPIP°PSPSCŹ P”P·P PĬ
1БĤ”11 CĤPsPeC—PI	PĤP°CřP° C,C—P»P° <20 PePi: 10 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cř PĤP°CřP° C,C—P»P° ≥20 PePi: 10 P°P±Ps 20 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cř	10 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cř
12БĤ”18 CĤPsPeC—PI	40 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cř	20 PjPi PsPrPëPS CĤP°P· PSP° PrPsP±Cř

PÿPïPsCřC—P± P·P°CřC,PsCřCřPIP°PSPSCŹ

P‡PSCřC,CĤCřPëC‡C— C—P· PïCĤPëPiPsC,CřPIP°PSPSCŹ PIC—PrPSPsPIP»PµPSPsPiPs
CĤPsP·C‡PëPSCř PSP°PIPµPrPµPSC— Cř PrP°PSPsPjCř CĤPsP·PrC—P»C— PSPëPŹC‡Pµ, PrPëPI.
CĤPsP·PrC—P» B«PÿPïPµC‡C—P°P»CĤPSC— P·P°C...PsPrPë P±PµP·PïPµPePë PïCĤPë
CřC,PëP»C—P·P°C‡C— C,P° PïPsPIPsPrPŹPµPSPSC— P· PSPµPIPëPePsCĤPëCřC,P°PSPëPj
P»C—PëP°CĤCřCĤPëPëPj P·P°CřPsP±PsPjB».

P‡PSБĤ™C”PëC‡C—C—

P”PsP·P° 40 PjPi

5 PjP» PIC—PrPSPsPIP»PµPSPsPiPs CĤPsP·C‡PëPSCř (8 PjPi/PjP») PIPµPrCŹC,CĤ Cř
PIPëPiP»CŹPrC— PIPSCřC,CĤC—CëPSCĤPsPIPµPSPSPsC— C—PSБĤ™C”PëC‡C—C—
C,CĤPëPIP°P»C—CřC,CĤ C%oPsPSP°PNëPjPµPSCëPµ 3 C...PIPëP»PëPSPë.

P”PsP·P° 20 PjPi

2,5 PjP» P°P±Ps PīPsP»PsPIPëPSCř PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř (8 PjPi/PjP») PIPiPsPrCĬC,CH Cř PIPëPiP»CĬPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSБĤ™ C”PeC†C-C— C,CĤPëPIP°P»C-CĬC,CĤ C%oPsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë. PќPμPIPëPePsCĤPëCĬC,P°PSPëPNë CĤPsP·C‡PëPS CřC,PëP»C-P·CřCĤC,CH.

P”PsP·P° 10 PjPi

1,25 PjP» PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř (8 PjPi/PjP») PIPiPsPrCĬC,CH Cř PIPëPiP»CĬPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSБĤ™ C”PeC†C-C— C,CĤPëPIP°P»C-CĬC,CĤ C%oPsPSP°PNëPjPμPSC€Pμ 3 C...PIPëP»PëPSPë. PќPμPIPëPePsCĤPëCĬC,P°PSPëPNë CĤPsP·C‡PëPS CřC,PëP»C-P·CřCĤC,CH.

P†PSC,,CřP·C-C—

P”PsP·P° 40 PjPi

P’C-PrPSPsPIP»PμPSPëPNë CĤPsP·C‡PëPS PIPiPsPrCĬC,CH Cř PIPëPiP»CĬPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C— C,CĤPëPIP°P»C-CĬC,CĤ 10БĤ”30 C...PIPëP»PëPS.

P”PsP·P° 20 PjPi

PμPsP»PsPIPëPSCř PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř PIPiPsPrCĬC,CH Cř PIPëPiP»CĬPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C— C,CĤPëPIP°P»C-CĬC,CĤ 10БĤ”30 C...PIPëP»PëPS. PќPμPIPëPePsCĤPëCĬC,P°PSPëPNë CĤPsP·C‡PëPS CřC,PëP»C-P·CřCĤC,CH.

P”PsP·P° 10 PjPi

P§PIPμCĤC,CH PIC-PrPSPsPIP»PμPSPsPiPs CĤPsP·C‡PëPSCř PIPiPsPrCĬC,CH Cř PIPëPiP»CĬPrC- PIPSCřC,CĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C— C,CĤPëPIP°P»C-CĬC,CĤ 10БĤ”30 C...PIPëP»PëPS. PќPμPIPëPePsCĤPëCĬC,P°PSPëPNë CĤPsP·C‡PëPS CřC,PëP»C-P·CřCĤC,CH.

PŸPiPμC†C-P°P»CHPSC- P·P°C...PsPrPë P±PμP·PīPμPePë PīCĤPë C¿C,PëP»C-P·P°C†C-C— C,P° PīPsPIPPrP¶PμPSPSC- P· PSPμPIPëPePsCĤPëCĬC,P°PSPëPj P»C-PeP°CĤCĬCHPePëPj P·P°CĬPsP±PsPj

P’C-PrPSPsPIP»PμPSPëPNë CĤPsP·C‡PëPS PSPμPsP±C...C-PrPSPs PIC-P·CřP°P»CHPSPs PīPμCĤPμPIC-CĤPëC,Pë PSP° PSP°CĬPIPSC-CĬC,CH PjPμC...P°PSC-C‡PSPëC... PIPeP»CĤC‡PμPSCĤ C,P° P·PjC-PSCř PePsP»CHPsCĤCř PīPμCĤPμPr PNëPsPiPs PIPiPμPrPμPSPSCĬPj. PŸP»C-Pr PIPëPePsCĤPëCĬC,PsPICřPIP°C,Pë P»PëC€Pμ PīCĤPsP·PsCĤPëPNë CĤPsP·C‡PëPS. P PsP·C‡PëPS PīCĤPëP·PSP°C‡PμPSPëPNë P»PëC€Pμ PrP»CĬ

PsPrPSPsCḡP°P·PsPIPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

PḡPeC%Ps PIPḡCḡCH PIC-PrPSPsPIP»PḡPSPḡPNḡ PIPjC-CḡC, C,,P»P°PePsPSP° PSPḡ
PiPsC,CḡC-P±PḡPS, PSPḡPIPḡPePsCḡPḡCḡC,P°PSPḡPNḡ CḡPsP·CḡPḡPS CḡP»C-Pr
CḡC,PḡP»C-P·CḡPIP°C,Pḡ PIC-PrPiPsPIC-PrPSPs PrPs PjC-CḡCḡPḡPIPḡC... PIPḡPjPsPi.

P PsP·CḡPḡPS PrP»Cḡ C-PSBḡ™ C”PeCḡC-PNḡ PiPs 40 PjPi

P”PsC,CḡCḡC,CH CḡPsP·CḡPḡPS PrP»Cḡ C-PSBḡ™ C”PeCḡC-C— (8 PjPi/PjP»), PrPsPrP°CḡCḡPḡ 5
PjP» 0,9% PSP°C,CḡC-Cḡ C...P»PsCḡPḡPrCḡ PrP»Cḡ PIPSCḡC,CḡC-CḡPSCḡPsPIPḡPSPSPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PrPs C,,P»P°PePsPSP° PḡP·PsPjPḡPiCḡP°P·PsP»Cḡ 40 PjPi.

P’C-PrPSPsPIP»PḡPSPḡPNḡ CḡPsP·CḡPḡPS PrP»Cḡ C-PSBḡ™ C”PeCḡC-PNḡ PiCḡPsP·PsCḡPḡPNḡ C,P°
P±PḡP·P±P°CḡPIPSPḡPNḡ P°P±Ps C,CḡPsC...Pḡ PḡPsPIC,CḡPIP°C,PsPiPs PePsP»CHPsCḡCḡ.

P PsP·CḡPḡPS PrP»Cḡ C-PSC,,CḡP·C-PNḡ PiPs 40 PjPi

P”PsC,CḡCḡC,CH CḡPsP·CḡPḡPS PrP»Cḡ C-PSC,,CḡP·C-PNḡ, CḡPsP·CḡPḡPSCḡCḡCḡPḡ PIPjC-CḡC,
PsPrPSPsPiPs C,,P»P°PePsPSP° PḡP·PsPjPḡPiCḡP°P·PsP»Cḡ 40 PjPi Cḡ100 PjP» 0,9%
C...P»PsCḡPḡPrCḡ PSP°C,CḡC-Cḡ PrP»Cḡ PIPSCḡC,CḡC-CḡPSCḡPsPIPḡPSPSPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

P PsP·CḡPḡPS PrP»Cḡ C-PSC,,CḡP·C-PNḡ PiPs 80 PjPi

P”PsC,CḡCḡC,CH CḡPsP·CḡPḡPS PrP»Cḡ C-PSC,,CḡP·C-PNḡ, CḡPsP·CḡPḡPSCḡCḡCḡPḡ PIPjC-CḡC,
PrPIPSC... C,,P»P°PePsPSC-PI PḡP·PsPjPḡPiCḡP°P·PsP»Cḡ PiPs 40 PjPi Cḡ 100 PjP» 0,9%
C...P»PsCḡPḡPrCḡ PSP°C,CḡC-Cḡ PrP»Cḡ PIPSCḡC,CḡC-CḡPSCḡPsPIPḡPSPSPsPiPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

P’C-PrPSPsPIP»PḡPSPḡPNḡ CḡPsP·CḡPḡPS PrP»Cḡ C-PSC,,CḡP·C-PNḡ PiCḡPsP·PsCḡPḡPNḡ C,P°
P±PḡP·P±P°CḡPIPSPḡPNḡ P°P±Ps C,CḡPsC...Pḡ PḡPsPIC,CḡPIP°C,PsPiPs PePsP»CHPsCḡCḡ.

P”C-C,Pḡ.

P—P°CḡC,PsCḡPsPICḡCḡC,CH PrC-C,CḡPj PIC-PePsPj PIC-Pr 1 CḡPsPeCḡ CḡPe P·P°CḡC-P±
PrP»Cḡ P°PSC,PḡCḡPḡPeCḡPḡC,PsCḡPSPSC— C,PḡCḡP°PiC-C— Cḡ CḡP°P·C-, PePsP»Pḡ
PSPḡPjPsPḡP»PḡPIPs P·P°CḡC,PsCḡPsPICḡPIP°C,Pḡ PiPḡCḡPsCḡP°P»CHPSPḡPNḡ CḡP»CḡC...
PIPIPḡPrPḡPSPSCḡ.

PḡPḡCḡPḡPrPsP·CḡPIP°PSPSCḡ.

P”PsCḡPIC-Pr PSP°PIPjPḡCḡPSPsPiPs PiPḡCḡPḡPrPsP·CḡPIP°PSPSCḡ PSP° PrP°PSPḡPNḡ CḡP°Cḡ
PrCḡPḡPḡ PsP±PjPḡPḡPḡPSPḡPNḡ. PḡPḡPjPiC,PsPjP°PjPḡ, C%Ps PIPḡPSPḡPeP°P»Pḡ
PIPSP°CḡP»C-PrPsPe PiPḡCḡPsCḡP°P»CHPSPsPjCḡ PiCḡPḡPNḡPsPjCḡ PrPsP·Pḡ 280 PjPi,

P±CfP»Pë PiCtjPsCtjPIPë P· P±PsPeCf C€P»CfPSPePsPIPs-PePëC€PePsPIPsPiPs C,CtjP°PeC,Cf C,P° CfP»P°P±PeC-CfC,Ch. P P°P·PsPIPëPNë PiPµCtjPsCtjP°P»ChPSPëPNë PiCtjPëPNëPsPj 80 PjPi PµP·PsPjPµPiCtjP°P·PsP»Cf C,P° PIPSCfC,CtjC-C€PSCtjPsPIPµPSPSPµ PIPIPµPrPµPSPSCtj 308 PjPi PµP·PsPjPµPiCtjP°P·PsP»Cf PiCtjPsC,CtjPiPsPj 24 PiPsPrPëPS PSP°CfP»C-PrPeC-PI PSPµ CfPiCtjPëC±PëPSCtjP»Pë. PÿPiPµCtjPëC,,C-C±PSPëPNë P°PSC,PëPrPsC, PSPµPIC-PrPsPjPëPNë. P·P·PsPjPµPiCtjP°P·PsP» P·PSP°C±PSPëPj C±PëPSPsPj P·PiBtj™ CtjP·CfC”C,ChCfCtj C-P· P±C-P»PeP°PjPë PiP»P°P·PjPë PeCtjPsPIC- C- C,PsPjCf PiPsPiP°PSPs PIPëPIPsPrPëC,ChCfCtj P·P° PrPsPiPsPjPsPiPsCtj PrC-P°P»C-P·Cf. PiPe C- Cf CtjP°P·C- P±CfPrCh-CtjPePsPiPs PiPµCtjPµPrPsP·CfPIP°PSPSCtj, CfP»C-Pr PSP°PrP°C,Pë CfPëPjPiC,PsPjP°C,PëC±PSPµ P»C-PeCfPIP°PSPSCtj C,P° PIP¶PëC,Pë P·P°PiP°P»ChPSPëC... PiC-PrC,CtjPëPjCfCtjC±PëC... P·P°C...PsPrC-PI.

PµPsP±C-C±PSC- CtjPµP°PeC†C-C—.

P PµP·CtjPjPµ PiCtjPsC,,C-P»Ctj P±PµP·PiPµPePë

PÿPµCtjPµPr C,PëC... PiPsP±C-C±PSPëC... CtjPµP°PeC†C-PNë, CtjPeC- PSP°PNëP±C-P»ChC€ C±P°CfC,Ps P·CfCfC,CtjC-C±P°CtjC,ChCfCtj PiC-Pr C±P°Cf PiCtjPsPIPµPrPµPSPSCtj PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCtj (P° C,P°PePsP¶ Cf PiPµCtjC-PsPr PiC-CfP»CtjCtjPµC”CfC,CtjP°C†C-PNëPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCtj P»C-PeP°CtjCfChPePsPiPs P·P°CfPsP±Cf), PIC-PrPjC-C±P°CtjC,ChCfCtj PiPsP»PsPIPSPëPNë P±C-P»Ch, P±C-P»Ch Cf P¶PëPIPsC,C-, PrC-P°CtjPµCtj C,P° PSCfPrPsC,P°. PhPeCtjC-Pj C,PsPiPs, PiCtjPsC,,C-P»Ch P±PµP·PiPµPePë P·P°CfC,PsCfCfPIP°PSPSCtj P»C-PeP°CtjCfChPePsPiPs P·P°CfPsP±Cf C” PsPrPSP°PePsPIPëPj PrP»Ctj CtjC-P·PSPëC... P»C-PeP°CtjCfChPePëC... C,,PsCtjPj P»C-PeP°CtjCfChPePsPiPs P·P°CfPsP±Cf, PiPsPeP°P·P°PSCtj PrP»Ctj PiCtjPëP·PSP°C±PµPSPSCtj P»C-PeCfPIP°PSPSCtj, PIC-PePsPIPëC... PiCtjCfPi C,P° PiPsPiCfP»CtjC†C-PNë PiP°C†C-C”PSC,C-PI. P”PsP·PsP·P°P»PµP¶PSPëC... PiPsP±C-C±PSPëC... CtjPµP°PeC†C-PNë PIPëCtjPIP»PµPSPs PSPµ P±CfP»Ps.

PµPµCtjPµP»C-Pe PiPsP±C-C±PSPëC... CtjPµP°PeC†C-PNë Cë PIPëPiP»CtjPrC- C,P°P±P»PëC†C-

PkPëP¶C±PµPSP°PIPµPrPµPSC- PiPsP±C-C±PSC- CtjPµP°PeC†C-C— PSP° P»C-PeP°CtjCfChPePëPNë P·P°CfC-P± P±CfP»Pë PIPëCtjPIP»PµPSC- P°P±Ps PiC-PrPsP·CtjCtjPIP°P»PëCfCtj Cf PiCtjPsPiCtjP°PjC- PeP»C-PSC-C±PSPëC... PrPsCfP»C-PrP¶PµPSCtj PµP·PsPjPµPiCtjP°P·PsP»Cf PiCtjPë PNëPsPiPs PiPµCtjPsCtjP°P»ChPSPsPjCf C±Pë PIPSCfC,CtjC-C€PSCtjPsPIPµPSPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-, P° C,P°PePsP¶ PiC-Pr C±P°Cf PiPsCfC,PjP°CtjPePµC,PëPSPiPsPIPsPiPs CfPiPsCfC,PµCtjPµP¶PµPSPSCtj P·P° PiPµCtjPsCtjP°P»ChPSPëPj P·P°CfC,PsCfCfPIP°PSPSCtjPj P»C-PeP°CtjCfChPePsPiPs P·P°CfPsP±Cf. P PµP°PeC†C-C— PeP»P°CfPëC,,C-PePsPIP°PSC- PIC-PrPiPsPIC-PrPSPs PrPs C±P°CfC,PsC,Pë C—C... PIPëPSPëPePSPµPSPSCtj: PrCfP¶Pµ C±P°CfC,Ps (≥1/10); C±P°CfC,Ps (≥1/100 - <1/10); PSPµC±P°CfC,Ps (≥1/1000 - <1/100); CtjC-PrPePs (≥1/10000 - <1/1000); PrCfP¶Pµ CtjC-PrPePs (<1/10000); C±P°CfC,PsC,P° PSPµPIC-PrPsPjP° (PSPµPjPsP¶P»PëPIPs PIPëP·PSP°C±PëC,Pë P·P° PSP°CtjPIPSPëPjPë PrP°PSPëPjPë).

P_лP»P°CГ CГPëCГC,PμPj PsCГPiP°PSC-PI	P\$P°CГC,PсC,P°	PμPsP±C-C±PSC- CГPμP°PeC†C-C—
P— P±PsPeCr' PeCГPsPIC- C,P° P»C-PjC,,P°C,PëC±PSPsC— CГPëCГC,PμPjPë	P C-PrPePs P''CrP¶Pμ CГC-PrPePs	P>PμPN₂PePsPiPμPSC-CГ, C,CГPsPjP±PsC†PëC,PsiPμPSC-CГ PhPiCГP°PSCrP»PsC†PëC,PsP·, PiP°PSC†PëC,PsPiPμPSC-CГ
P— P±PsPeCr' C-PjCrPSPSPsC— CГPëCГC,PμPjPë	P C-PrPePs	P PμP°PeC†C-C— PiC-PiPμCГC†GrC,P»PëPIPsCГC,C-, PSP°PiCГPëPeP»P°Pr PiP°CГCГC±PeP°, P°PSPiC-PsPSPμPICГPsC,PëC±PSPëPN₂ PSP°P±CГCГPe C,P° P°PSP°C,,C-P»P°PeC,PëC±PSC- CГPμP°PeC†C-C-/C€PsPe
P— P±PsPeCr' PjPμC,P°P±PsP»C-P·PjCr' C,P° C...P°CГC†CrPIP°PSPSCГ	PkPμC±P°CГC,Ps P C-PrPePs P\$P°CГC,PсC,P° PSPμPIC-PrPsPjP°	PμPμCГPëC,,PμCГPëC±PSPëPN₂ PSP°P±CГCГPe P''C-PiPsPSP°C,CГC-C''PjC-CГ P''C-PiPsPjP°PiPSC-C''PjC-CГ (PrPëPI. CГPsP·PrC-P» B«PhCГPsP±P»PëPIPsCГC,C- P·P°CГC,PsCГCrPIP°PSPSCГB»); C,CГP¶PeP° C,,PsCГPjP° PiC-PiPsPjP°PiPSC-C''PjC-C— PjPsP¶Pμ PePsCГPμP»CГPIP°C,Pë P· PiC-PiPsPeP°P»CHC†C-C''PjC-C''CГ. P''C-PiPsPjP°PiPSC-C''PjC-CГ C,P°PePsP¶ PjPsP¶Pμ P±CrC,Pë PiPsPIBГ™ CГP·P°PSP° P· PiC-PiPsPeP°P»C-C''PjC-C''CГ.
PμCГPëC...C-C±PSC- CГPsP·P»P°PrPë	PkPμC±P°CГC,Ps P C-PrPePs P''CrP¶Pμ CГC-PrPePs	P'PμP·CГPsPSPSCГ P—P±CrPrP¶PμPSPSCГ, CГPiP»CrC,P°PSC-CГC,Ch CГPIC-PrPsPjPsCГC,C-, PrPμPiCГPμCГC-CГ
P— P±PsPeCr' PSPμCГPIPsIPsC— CГPëCГC,PμPjPë	P\$P°CГC,Ps PkPμC±P°CГC,Ps P C-PrPePs	P''PsP»PsPIPSPëPN₂ P±C-P»CH P—P°PiP°PjPsCГPsC±PμPSPSCГ, PiP°CГPμCГC,PμP·C-CГ, CГPsPSP»PëPIC-CГC,Ch PμPsCГCrC€PμPSPSCГ CГPjP°PeCr'
P— P±PsPeCr' PsCГPiP°PSC-PI P·PsCГCr'	PkPμC±P°CГC,Ps	PkPμC±C-C,PeC-CГC,Ch P·PsCГCr'
P— P±PsPeCr' PsCГPiP°PSC-PI CГP»CrC...Cr' C,P° CГC-PIPSPsPIP°PiPë	PkPμC±P°CГC,Ps	P'PμCГC,PëPiPs
P— P±PsPeCr' PrPëC...P°P»CHPSPsC— CГPëCГC,PμPjPë, PsCГPiP°PSC-PI PiCГCrPrPSPsC— PeP»C-C,PePë C,P° CГPμCГPμPrPsCГC,C-PSPSCГ	P C-PrPePs	P'CГPsPSC...PsCГPiP°P·Pj

P— P±PsPeCf C,CḡP°PIPSPsC— CfPëCfC,PµPjPë	P§P°CfC,Ps	P'C-P»CH Cf P¶PëPIPsC,C-, P·P°PiPsCḡ, PrC-P°CḡPµCf, PjPµC,PµPsCḡPëP·Pj, PSCfPrPsC,P°/P±P»CḡPIP°PSPSCf, P·P°P»PsP·PëCfC,C- PiPsP»C-PiPë PrPSP° CëP»CfPSPeP° (PrPsP±CḡPsCfPeC-CfPSC-)
	PkPµC±P°CfC,Ps	PŸCfC...C-CfC,CH Cf CḡPsC,C-
	P C-PrPePs	PŸC,PsPjP°C,PëC,, CëP»CfPSPePsPIPs- PePëCëPePsPIPëPNë PeP°PSPrPëPrPsP·
	P§P°CfC,PsC,P° PSPµPIC-PrPsPjP°	PḡC-PeCḡPsCfPePsPiC-C±PSPëPNë PePsP»C-C,
P— P±PsPeCf PiPµC±C-PSPePë C,P° P¶PsPIC±PsPIPëPIC-PrPSPëC... CëP»CfC...C-PI	PkPµC±P°CfC,Ps	PµC-PrPIPëC%µPµPSPSCf CḡC-PIPsCf PiPµC±C-PSPePsPIPëC... C,,PµCḡPjPµPSC,C-PI
	P C-PrPePs	P"µPiP°C,PëC,, C-P· P¶PsPIC,CfPSPëC±PµCḡ P°P±Ps P±PµP· PSPµC—
	P"CrP¶Pµ CḡC-PrPePs	PµPµC±C-PSPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH, PµPSC±PµC,,P°P»PsPiP°C,C-Cf Cf PiP°C±C-C"PSC,C-PI P· PiPsPiPµCḡPµPrPSCḡPs PSP°CfPIPsPsCḡ C...PIPsCḡPsP±PsCḡ PiPµC±C-PSPePë
P— P±PsPeCf CëPeC-CḡPë C,P° PiC-PrCëPeC-CḡPSPsC— PeP»C-C,PePsPIPëPSPë	P§P°CfC,Ps	P PµP°PeC±C-C— Cf PjC-CfC±C- PIPIPµPrPµPSPSCf*
	PkPµC±P°CfC,Ps	P"µCḡPjP°C,PëC,, CfPIPµCḡP±C-P¶, PIPëCfPëPi, PeCḡPsPiPëPiḡḡ™ CfPSPeP°
	P C-PrPePs	PḡP»PsPiPµC±C-Cf, C,,PsC,PsC±CfC,P»PëPIC-CfC,CH
	P"CrP¶Pµ CḡC-PrPePs	P·CḡPëC,PµPjP° P±P°PiP°C,PsC,,PsCḡPjPSP° (EM), CfPëPSPrCḡPsPj PŸC,C-PIPµPSCfP° ḡḡ P" P¶PsPSCfPsPSP° (SJS), C,PsPeCfPëC±PSPëPNë PµPiC-PrPµCḡPjP°P»CHPSPëPNë PSPµPeCḡPsP»C-P· (TEN), CḡPµP°PeC±C-Cf PSP° P»C-PeP°CḡCfCHPePëPNë P·P°CfC-P± P· PµPsP·PëPSPsC,,C-P»C-C"Cḡ C,P° CfPëCfC,PµPjPSPëPjPë CfPëPjPiC,PsPjP°PjPë (DRESS)
P— P±PsPeCf PsPiPsCḡPSPs- CḡCfC...PsPIPsC— CfPëCfC,PµPjPë C,P° CfPiPsP»CfC±PSPsC— C,PeP°PSPëPSPë	PkPµC±P°CfC,Ps	PµPµCḡPµP»PsPj CfC,PµPiPSP°, P·P°Piḡḡ™ CfCfC,Cf P°P±Ps C...CḡPµP±C,P° (PrPëPI. CḡPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).
	P C-PrPePs	PḡCḡC,CḡP°P»PiC-Cf, PjC-P°P»PiC-Cf
	P"CrP¶Pµ CḡC-PrPePs	Pḡḡḡ™ CfP·PsPIP° CfP»P°P±PeC-CfC,CH
P— P±PsPeCf PSPëCḡPsPe C,P° CfPµC±PsPIPëPrC-P»CHPSPsC— CfPëCfC,PµPjPë	P"CrP¶Pµ CḡC-PrPePs	P±PSC,PµCḡCfC,PëC±C-P°P»CHPSPëPNë PSPµC,,CḡPëC, (Cf PrPµCfPePëC... PiP°C±C-C"PSC,C-PI PsPrPSPsC±P°CfPSPs PiPsPIC-PrPsPjP»CfP»PsCfCf PiCḡPs PSPëCḡPePsPICf PSPµPrPsCfC,P°C,PSC-CfC,CH).

P— P±PsPeCf CḡPμPīCḡPsPrCfPeC,PēPIPSPsC— CfPēCfC,PμPjPē C,P° PjPsP»PsC‡PSPēC... P·P°P»PsP·	P"CrP¶Pμ CḡC-PrPePs	P"C-PSPμPePsPjP°CfC,C-Cḡ
P—P°PiP°P»CHPSC- CḡPsP·P»P°PrPē C,P° CḡPμP°PeC†C-C— Cr PjC-CfC†C- PIPIPμPrPμPSPSCḡ	P C-PrPePs	PkPμP·PrCfP¶P°PSPSCḡ, PiPsCfPēP»PμPSPμ PiPsC,PsPIPēPrC-P»PμPSPSCḡ

*P PμP°PeC†C-C— Cr PjC-CfC†C- PIPIPμPrPμPSPSCḡ CfPiPsCfC,PμCḡC-PiP°P»PēCfCḡ
PiPμCḡPμPIP°P¶PSPs Cr PrPsCfP»C-PrP¶PμPSPSC- C-P· P·P°CfC,PscfCfPIP°PSPSCḡPj
PIPēCfPsPePēC... PrPsP· PiCḡPsC,CḡPiPsPj 3 PrC-P± (72 PiPsPrPēPS).

PkPμPsP±PsCḡPsC,PSC- PiPsCḡCrCēPμPSPSCḡ P·PsCḡCr PIC-PrP·PSP°C‡P°P»PēCfCḡ Cr
PiPsPsPrPēPSPsPePēC... PIPēPiP°PrPeP°C... Cr PeCḡPēC,PēC‡PSPs C...PIPsCḡPēC...
PiP°C†C-C"PSC,C-PI, CḡPeC- PsC,CḡPēPjCfPIP°P»Pē PsPjPμPiCḡP°P·PsP» (CḡP°C†PμPjP°C,) Cr
PIPēPiP»CḡPrC- PIPSCfC,CḡC-CēPSCḡPsPIPμPSPSPsC— C-PSḡḡ™ C"P°C†C-C—,
PsCfPsP±P»PēPIPs Cr PIPēCfPsPePēC... PrPsP·P°C..., PsPrPSP°Pe PiCḡPēC‡PēPSPSPs-
PSP°CfP»C-PrPePsPIPēP№ P·PIḡḡ™ CḡP·PsPe PSPμ PICfC,P°PSPsPIP»PμPSPēP№.

-

PμPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs PiPsP±C-C‡PSC- CḡPμP°PeC†C-C—

P'P°P¶P»PēPIPs PiPsPIC-PrPsPjP»CḡC,Pē PiCḡPs PiC-PrPsP·CḡCḡPIP°PSC- PiPsP±C-C‡PSC-
CḡPμP°PeC†C-C— Cr PiC-CfP»CḡCḡPμC"PfC,CḡP°C†C-PMₙPSPēPMₙ PiPμCḡC-PsPr
P·P°CfC,PscfCfPIP°PSPSCḡ P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cr. PiPμ PrP°C" P·PjPsPiCf
P·PrC-PMₙCfPSCḡPIP°C,Pē P±PμP·PiPμCḡPμCḡPIPSPēPMₙ PjPsPSC-C,PscḡPēPSPi
CfPiC-PIPIC-PrPSPsCēPμPSPSCḡ PePsCḡPēCfC,Cḡ/CḡPēP·PēPe P·P°CfC,PscfCfPIP°PSPSCḡ
P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cr. PŸPiPμC†C-P°P»C-CfC,Pē Cr PiP°P»CfP·C-
PsC...PsCḡPsPSPē P·PrPsCḡPsPIḡḡ™ Cḡ P·PsP±PsPIḡḡ™ CḡP·P°PSC- PiPsPIC-PrPsPjP»CḡC,Pē
PiCḡPs P±CfPrCḡ-CḡPeC- PIPēPiP°PrPePē PiC-PrPsP·CḡCḡPIP°PSPēC... PiPsP±C-C‡PSPēC...
CḡPμP°PeC†C-PMₙ C‡PμCḡPμP· PSP°C†C-PsPSP°P»CHPSCf CfPēCfC,PμPjCf
P·PIC-C,PSPsCfC,C-.

PμPμPrC-P°C,CḡPēC‡PSP° PiPsPiCžP»CḡC†C-Cḡ

P P°PSPPrPsPjC-P·PsPIP°PSPμ PIC-PrPeCḡPēC,Pμ PjC-P¶PSP°CḡPsPrPSPμ
PrPsCfP»C-PrP¶PμPSPSCḡ P±CfP»Ps PiCḡPsPIPμPrPμPSPs P· PjPμC,Pscḡ PsC†C-PSPePē
C,,P°CḡPjP°PePsPeC-PSPμC,PēPePē P±P°PiP°C,PscḡP°P·PsPIPsPiPs
PIPSCfC,CḡC-CēPSCḡPsPIPμPSPSPsPiPs P·P°CfC,PscfCfPIP°PSPSCḡ
PμP·PsPjPμPiCḡP°P·PsP»Cr PiCḡPsC,CḡPiPsPj 4 PrPSC-PI PiCḡPē PIPIPμPrPμPSPSC- PsPrPēPS
CḡP°P· PSP° PrPsP±Cf Cr PrC-C,PμPMₙ PIC-PePsPj PIC-Pr 0 PrPs 18 CḡPsPeC-PI (PrPēPI.
CḡPsP·PrC-P» B«PαP°CḡPjP°PePsPeC-PSPμC,PēPeP°B»). P'CfCḡPsPiPs PrPs PsC†C-PSPePē
P±PμP·PiPμPePē P·P°CfPsP±Cr P±CfP»Ps P·P°P»CfC‡PμPSPs 57 PiP°C†C-C"PSC,C-PI (8
PrC-C,PμPMₙ Cr PIC-C†C- 1ḡḡ"5 CḡPsPeC-PI). P"P°PSC- P· P±PμP·PiPμPePē
P»C-PeP°CḡCfCḡPePsPiPs P·P°CfPsP±Cr CrP·PiPsPrP¶CfCḡC,CḡCfCḡ C-P· PIC-PrPsPjPēPj
PiCḡPsC,,C-P»PμPj P±PμP·PiPμPePē PμP·PsPjPμPiCḡP°P·PsP»Cr, C- PSPsPIPēC... P·P°PiCḡPsP·
P±PμP·PiPμC†C- PiP°C†C-C"PSC,C-PI PIPēCḡPIP»PμPSPs PSPμ P±CfP»Ps.

PŷPµCḡPjC-PS PīCḡPēPrP°C,PSPsCÍC,C-.

2 CḡPsPePē.

*PŷPµCḡPjC-PS P·P±PµCḡC-PiP°PSPSCŹ PīC-CÍP»CŹ PīCḡPēPiPsC,CáPIP°PSPSCŹ
CḡPsP·C‡PēPSCá: P±CÍP»P° PīCḡPsPrPµPjPsPSCÍC,CḡPsPIP°PSP° C...C-PjC-C‡PSP° C,P°
C,,C-P·PēC‡PSP° CÍC,P°P±C-P»CḤPSC-CÍC,CḤ PI CÍPjPsPIP°C... P·P°CÍC,PSCÍCÍPIP°PSPSCŹ
PIPīCḡPsPrPsPIP¶ 12 PiPsPrPēPS PīCḡPē 30 B°Pŷ. P— C,PSC‡PePē P·PsCḡCÍ
PjC-PeCḡPsP±C-PsP»PsPiC-C—, PīCḡPsPrCÍPeC, CÍP»C-Pr P·P°CÍC,PSCÍCÍPIP°C,Pē
PSPµPiP°PN̄PSPs.*

PJPjPsPIPē P·P±PµCḡC-PiP°PSPSCŹ.

*P—P±PµCḡC-PiP°C,Pē PI PSPµPrPsCÍC,CÍPiPSPsPjCÍ PrP»CŹ PrC-C,PµPN̄ C,P°
P·P°C...PēC%oPµPSPsPjCÍ PIC-Pr CÍPIC-C,P»P° PjC-CÍC†C- PīCḡPē C,PµPjPīPµCḡP°C,CÍCḡC-
PSPµ PIPēC%oPµ 30 B°C.*

PḱPµCÍCáPjC-CÍPSC-CÍC,CḤ.

*P''P°PSPēPN̄ P»C-PeP°CḡCÍCḤPePēPN̄ P·P°CÍC-P± PSPµ CÍP»C-Pr
P·P°CÍC,PSCÍPsPICÍPIP°C,Pē P· C-PSC€PēPjPē P»C-PeP°CḡCÍCḤPePēPjPē P·P°CÍPsP±P°PjPē,
PsPeCḡC-Pj P·P°P·PSP°C‡PµPSPēC... CÍ CḡPsP·PrC-P»C- B«PŷPiPsCÍC-P±
P·P°CÍC,PSCÍCÍPIP°PSPSCŹ C,P° PrPsP·PēB».*

PJPīP°PePsPIPēP°.

*PµPs 10 CÍPeP»CŹPSPēC... C,,P»P°PePsPSC-PI P· PīPsCḡPsC€PePsPj CÍ PeP°CḡC,PSPSPSC-PN̄
PePsCḡPsP±C†C-.*

PḽP°C,PµPiPsCḡC-CŹ PIC-PrPīCÍCÍPeCÍ.

P—P° CḡPµC†PµPīC,PsPj.

P'PēCḡPsP±PSPēPe.

PḡCÍC,CḡP°P—PµPSPµPeP° PḡP'/AstraZeneca AB

PḤC-CÍC†PµP·PSP°C...PsPrP¶PµPSPSCŹ PIPēCḡPsP±PSPēPeP° C,P° P°PrCḡPµCÍP°

PjC-CfC†CЦ PïCḡPsPIP°PrP¶PμPSPSCЦ PNᵒPsPiPs PrC-CЦP»CHḡPSPsCfC,C-.

P“PμCḡC,CrPSPμPIPμPiPμPS, PŸPsPrPμCḡC,P°P»Bḡ™C”, 152 57, PĚPIPμC†C-CЦ/
Gartunavagen, Sodertalje, 152 57, Sweden