

Р†РќРЎРЎР РЈРЉРІР†РЇ В

$$\begin{array}{c} \text{PrP} \gg \text{CII} \text{ PjP} \mu \text{PrP} \ddot{\text{C}} \ddagger \text{PSPsPiPs} \text{ P} \cdot \text{P}^\circ \text{C} \acute{\text{I}} \text{C}, \text{PsC} \acute{\text{I}} \text{C} \acute{\text{r}} \text{PIP}^\circ \text{PSPSCII} \text{ P} \gg \text{C} - \text{PeP}^\circ \text{C} \ddot{\text{I}} \text{C} \acute{\text{I}} \text{CH} \text{PePsPiPs} \\ \text{P} \cdot \text{P}^\circ \text{C} \acute{\text{I}} \text{PsP} \pm \text{C} \acute{\text{r}} \end{array}$$

PḥPḱPḥP Pḥ P•P>P>P†PḡPŷPḥ

(ANORO ELLIPTA)

$P \dot{\vee} P \in P \gg P^\circ P \Gamma$:

$$\text{PrC}-\text{CHC}\equiv\text{C}-\text{CH}_2\text{PuC}\equiv\text{CPsPIP}\ddot{\text{P}}\text{SP}\ddot{\text{P}}\text{: CrPjPuPeP}\gg\text{C-PrP}\ddot{\text{P}}\text{PSC-CrPj, PIC-P}\gg\text{P}^\circ\text{PSC, PuCHPsP}\gg;$$

1 PrPsP·P°, C%Ps PrPsCl'C,P°PIP»CЦC"C,CHCГCЦ, PjC-Cl'C,PëC,CH 55 PjPePi
CrPjPµPeP»C-PrPëPSC-CrPjCr (Cr C„PsCГPjC- P±CГPsPjC-PrCr) C- 22 PjPePi
PIC-P»P°PSC,PµCГPsP»Cr (Cr C„PsCГPjC- C,CГPëC„PµPSP°C,P°C,Cr);

CtPm PIC-PrPiPsPIC-PrP°C" PiPsPiPmCTjPmPrPSCbPs CTjPsP·PiPsPrC-P»PmPSC-PN₀ PrPsP·C- 74,2
 PjPePi CrPjPmPeP»C-PrPëPSC-CrPjCr P±CTjPsPjC-PrCr C- 25 PjPePi PIC-P»P°PSC,PmCTjPsP»Cr
 (Cr C,,PsCTjPjC- C,CTjPëC,,PmPSP°C,P°C,Cr);

$PrPsPiPsPjC-P\PSC-C\bar{H}P\mu C\ddagger PsPIP\ddot{e}PSP\ddot{e}$: $P\gg P^\circ PeC, PsP\cdot P^\circ$, $PjPsPSPsPiC-PrC\bar{H}P^\circ C,;$
 $PjP^\circ PiPSC-C\bar{H}C\bar{I}C, P\mu P^\circ C\bar{H}P^\circ C,.$

**P>C-PeP°C₇G₁C₈PeP° C,,PsC₇PjP°. P₁₁PsC₇PsC€PsPe PrP»CЦ
C-PSPiP°P»CЦC†C-PN₀. B**

PhCIPSPsPIPSC- C,,C-P.PëPePs-C...C-PjC-C#PSC- PIP»P°CIC,PëPIPsCIC,C-:
PïP»P°CIC,PëPePsPIPëPN C-PSPiP°P»CIC,PsCj P·C- CIPIC-C,P»Ps-CIC-CjPëPj
PePsCjPïCICPsPj, C#PμCjPIPsPSPëPj PePsPIP°C#PePsPj CjPsP·PïPëP»CjPIP°C#P° C,P°
P»C-C#PëP»CHbPSPëPePsPj PrPsP·, CIPiP°PePsPIP°PSPëPN PI P»PsC,PsPe P· C,,PsP»CHbPiPë,
C%Ps PjC-CIC,PëC,CH PïP°PePμC,PëPe P· PIPsP»PsPiPsPïPsPiP»PëPSP°C#PμPj. P·PsC,PsPe
P·P°PïP°CIPSPëPN PIC-PrCjPëPIPSpSCj PeCjPëCëPePsCj. P#PSPiP°P»CIC,PsCj
PjC-CIC,PëC,CH PrPIC- CIC,CjC-C#PePë PïPs 30 CjC-PIPSpSpjC-CjPSPs
CjPsP·PiPsPrC-P»PμPSPëC... P±P»C-CIC,PμCjC-PI, PePsP¶PμPS P· CIPePëC... PjC-CIC,PëC,CH
P±C-P»PëPN PïPsCjPsCëPsPe.

PrP^oC₇PjP^oPePsC, PμC₇P^oPiPμPIC, PēC₇PSP^o PiC₇CrPiP^o. P-C-PeP^oC₇C₇CHPeC-P^oC₇PsP±Pē, C%₀Ps P^oC₇C₇, PsC₇PsPIC₇C₇C, CHC₇C₇ PiC₇Pē PsP±C₇C₇, C₇CrPeC, PēPIPSPēC... P^oC...PIPsC₇C₇PIP^oPSPSC₇C... PrPēC...P^oP»CH₇PSPēC... CēP»C₇C...C-PI. PhPrC₇PμPSPμC₇PiC-C₇PSC- PiC₇PμPiP^oC₇P^oC, Pē PI PePsPjP±C-PSP^oC₇C-C-P^oP^oPSC, PēC...PsP»C-PSPμC₇PiC-C₇PSPēPjPē PiC₇PμPiP^oC₇P^oC, P^oPjPē, PIPeP»C₇C₇P^oC₇C₇Pē PiPsC, C₇C-PN₀PSC- PePsPjP±C-PSP^oC₇C-C-P^o PePsC₇C, PēPePsC₇C, PμC₇PsC-PrP^oPjPē.

P'C-P»P°PSC,PμCḡPsP» C,P° CṙPjPμPeP»C-PrPëPSC-CṙPjCṙ P±CḡPsPjC-Pr.

PḡPsPr PḡPṙPḡ R03A L03.

PαP°CḡPjP°PePsP»PsPiC-C≠PSC- PIP»P°CṙC,PëPIPSCṙC,C-

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°

PḡPμC...P°PSC-P·Pj PrC-C—

PjPjPμPeP»C-PrPëPSC-CṙPj/PIC-P»P°PSC,PμCḡPsP» C" PePsPjP±C-PSP°CṙC-C"Ḥ
C-PSPIP°P»CṙCṙC-PNḡPSPsPiPs P°PSC,P°PiPsPSC-CṙC,P° PjCṙCṙPeP°CḡPëPSPsPiPs
CḡPμCṙPμPīC,PsCḡP° C,CḡPëPIP°P»PsC— PrC-C— C,P° P±PμC,P°₂-
P°PrCḡPμPSPμCḡPiC-C≠PSPsPiPs P°PiPsPSC-CṙC,P° C,CḡPëPIP°P»PsC— PrC-C—. PḡC-CṙP»Cṙ
PīPμCḡPsCḡP°P»CḡPSPsC— C-PSPIP°P»CṙCṙC-C— PsP±PëPrPIC- CṙPīPsP»CṙPePë
PrC-CḤC,Ḥ PjC-CṙCṙPμPIPSPSP° PrPëC...P°P»CḡPSC- CḡP»CṙC...Pë, PIPSP°CṙP»C-PrPsPe
C≠PsPiPs PIC-PrP±CṙPIP°C"ḤCṙCṙ CḡPsP·CḡPëCḡPμPSPSCṙ P±CḡPsPSC...C-PI Cṙ
CḡPμP·CṙP»CḡC,P°C,C- CḡC-P·PSPëC... PjPμC...P°PSC-P·PjC-PI PrC-C—.

PjPjPμPeP»C-PrPëPSC-CṙPj

PjPjPμPeP»C-PrPëPSC-CṙPj C" P°PSC,P°PiPsPSC-CṙC,PsPj PjCṙCṙPeP°CḡPëPSPsPiPëC...
CḡPμCṙPμPīC,PsCḡC-PI C,CḡPëPIP°P»PsC— PrC-C— (P°PSC,PëC...PsP»C-PSPμCḡPiC-C≠PSPëPNḡ
P·P°CṙC-P±). P'C-PS C" PīPsC...C-PrPSPëPj C...C-PSCṙPeP»C-PrPëPSCṙ P·
P°PeC,PëPIPSC-CṙC,Ḥ C%PsPrPs C≠PëCṙP»PμPSPSPëC... PīC-PrC,PëPīC-PI
PjCṙCṙPeP°CḡPëPSPsPiPëC... CḡPμCṙPμPīC,PsCḡC-PI. PjPjPμPeP»C-PrPëPSC-CṙPj
C≠PëPSPëC,Ḥ P±CḡPsPSC...PsCḡPsP·CḡPëCḡPīP°P»CḡPSCṙ PrC-CḤ CḡP»CṙC...PsPj
PePsPSPeCṙCḡPμPSC,PSPsPiPs PīCḡPëPiPSC-C≠PμPSPSCṙ P·PīḤḡ™ CṙP·CṙPIP°PSPSCṙ
P°CṙPμC,PëP»C...PsP»C-PSCṙ P· PjCṙCṙPeP°CḡPëPSPsPiPëPjPë CḡPμCṙPμPīC,PsCḡP°PjPë
PīP»P°PrPePëC... PjḤḡ™ CṙP·C-PI PrPëC...P°P»CḡPSPëC... CḡP»CṙC...C-PI. P'PëCṙPIP»PμPSP°
PīPsPIC-P»CḡPSP° PsP±PsCḡPsC,PSC-CṙC,Ḥ PSP° PīC-PrC,PëPīC- Pḡ3
PjCṙCṙPeP°CḡPëPSPsPiPëC... CḡPμCṙPμPīC,PsCḡC-PI P»CḡPrPëPSPë *in vitro* C- C,CḡPëPIP°P»P°
PrC-Cṙ *in vivo* PīCḡPë P±PμP·PīPsCṙPμCḡPμPrPSCḤPsPjCṙ PīPμPrPμPSPSC- PI P»PμPiPμPSC-
PI PrPsPeP»C-PSC-C≠PSPëC... PjPsPrPμP»CṙC....

P'C-P»P°PSC,PμCḡPsP»

P'C-P»P°PSC,PμCḡPsP» C" CṙPμP»PμPeC,PëPIPSPëPj P°PiPsPSC-CṙC,PsPj P±PμC,P°₂-
P°PrCḡPμPSPμCḡPiC-C≠PSPëC... CḡPμCṙPμPīC,PsCḡC-PI C,CḡPëPIP°P»PsC— PrC-C—
(P±PμC,P°₂-P°PrCḡPμPSPμCḡPiC-C≠PSPëPNḡ P°PiPsPSC-CṙC,).
PαP°CḡPjP°PePsP»PsPiC-C≠PSPëPNḡ PIPīP»PëPI P±PμC,P°₂-P°PrCḡPμPSPμCḡPiC-C≠PSPëC...
P°PiPsPSC-CṙC,C-PI, PIPeP»CḡCṙP°CḡCṙPë PIC-P»P°PSC,PμCḡPsP», PīCḡPëPSP°PNḡPjPSC-
C≠P°CṙC,PePsPiPs PīPsCṙCṙPSCḤC"ḤCṙCṙ CṙC,PëPjCṙP»CṙCṙC-C"Ḥ
PIPSCṙC,CḡC-CḡPSCḤPsPeP»C-C,PëPSPSPsC— P°PrPμPSC-P»P°C,CṙPëPeP»P°P·Pë,
C,,PμCḡPjPμPSC,Cṙ, CṙPePëPNḡ PeP°C,P°P»C-P·CṙC" PīPμCḡPμC,PIPsCḡPμPSPSCṙ
P°PrPμPSPsP·PëPSC,CḡPëC,,PsCṙC,,P°C,Cṙ (PḡPṙPα) PSP° CṙPëPeP»C-C≠PSPëPNḡ-3',5'-
P°PrPμPSPsP·PëPSPjPsPSPsC,,PsCṙC,,P°C, (CṙAMPα). PḡC-PrPIPëC%PμPSC- CḡC-PIPSC-
CṙPḡPḡPα PIPëPeP»PëPeP°CḡC,Ḥ CḡPsP·CṙP»P°P±P»PμPSPSCṙ PīP»P°PrPePëC...
PjḤḡ™ CṙP·C-PI P±CḡPsPSC...C-PI C- PīCḡPëPiPSC-CṙCṙC,Ḥ PIPëPIC-P»CḡPSPμPSPSCṙ
PjPμPrC-P°C,PsCḡC-PI PīC-PīPμCḡCṙC,P»PëPiPsCṙC,C- PSPμPiP°PNḡPSPsPiPs C,PëPīCṙ P·

PeP»C-C,PëPS, PsCÍPsP±P»PëPIPs P· PsPİP°CÍPëCÍC,PëC... PeP»C-C,PëPS.

PαP°CḤPjP°PePsPrPëPSP°PjC-C±PSC- PμC,,PμPeC,Pë

Pj 6-PjC-CÍCḤC±PSPëC... PrPsCÍP»C-PrP¶PμPSPSCḤC... P†P†P† C,,P°P·Pë
PePsPjP±C-PSP°C†C-CḤ C†PjPμPeP»C-PrPëPSC-C†Pj/PIC-P»P°PSC,PμCḤPsP»
PİCḤPsPrPμPjPsPSCÍC,CḤC†PIP°P»P° PeP»C-PSC-C±PSPs P·PSP°C±C†C%Pμ
PİPsP»C-PİC€PμPSPSCḤ C,,C†PSPeC†C-C— P»PμPİPμPSCḤ PİPsCḤC-PIPSCḤPSPs P·
PİP»P°C†PμP±Ps (PIPëPjC-CḤCḤPIP°PICÍCḤ PsP±BḤ™ C”Pj C,,PsCḤCÍPsPIP°PSPsPİPs
PIPëPrPëC...C† P·P° PİPμCḤC€C† C†PμPeC†PSP†C† [PhPαP’₁]) PİCḤPsC,CḤPİPsPj 24 PİPsPrPëPS
PİC-CÍP»CḤ PİCḤPëPNëPsPjC† PsPrPëPS CḤP°P· PSP° PrPμPSCḤ, C%Ps P±C†P»Ps
P·P°C,,C-PeCÍPsPIP°PSPs C±PμCḤPμP· 15 C...PIPëP»PëPS PİC-CÍP»CḤ
P·P°CÍC,PscÍC†PIP°PSPSCḤ PİPμCḤC€PsC— PrPsP·Pë (PİPsP»C-PİC€PμPSPSCḤ
PİPsCḤC-PIPSCḤPSPs P· PİP»P°C†PμP±Ps CÍC,P°PSPsPIPëP»Ps 112 PjP» (CḤ < 0,001*).
PḤP°PeCÍPëPjP°P»CḤPSPμ PİPsPeCḤP°C%PμPSPSCḤ PhPαP’₁ PİCḤPsC,CḤPİPsPj
PİPμCḤC€PëC... 6 PİPsPrPëPS PİC-CÍP»CḤ PİCḤPëPNëPsPjC† PİPsCḤC-PIPSCḤPSPs P·
PİP»P°C†PμP±Ps Pİ C†PμCḤPμPrPSCḤPsPjC† CÍC,P°PSPsPIPëP»Ps 224 PjP» (p < 0,001*)
PSP° 24 C,PëP¶PSC- PrPsCÍP»C-PrP¶PμPSPSCḤ. PkPμ PsC,CḤPëPjP°PSPs PrPsPeP°P·C-PI
CḤPsP·PIPëC,PeC† C,P°C...C-C,,C-P»P°PeCÍC-C— PIPSP°CÍP»C-PrPsPe PİCḤPëPNëPsPjC†
P»C-PeP°CḤCÍCḤPePsPİPs P·P°CÍPsP±C† PhPSPsCḤPs P·P»P»C-PİC,P° P·P° C±P°CÍ
PrPsCÍP»C-PrP¶PμPSCḤ.

PμP°CḤPrC-PsPμP»PμPeC,CḤPsC,,C-P·C-PsP»PsPİC-CḤ. P’PİP»PëPI
C†PjPμPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PμCḤPsP»C† PSP° QT-C-PSC,PμCḤPIP°P»
PsC†C-PSCḤPIP°P»Pë C† PİP»P°C†PμP±Ps- C,P° PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS-
PePsPSC,CḤPsP»CḤPsPIP°PSPsPjC† PrPsCÍP»C-PrP¶PμPSPSC- P·P° C†C±P°CÍC,CḤ 103
P·PrPsCḤPsPIPëC... PrPsP±CḤPsPIPSP»CḤC†C-PI, CḤPeC- PİCḤPsC,CḤPİPsPj 10 PrPSC-PI
PİCḤPëPNëPjP°P»Pë C†PjPμPeP»C-PrPëPSC-C†Pj/PIC-P»P°PSC,PμCḤPsP» PsPrPëPS CḤP°P· PSP°
PrPsP±C† C† PrPsP·C- 113/22 PjPePi P°P±Ps 500/100 PjPePi (PİPsPİPμCḤPμPrPSCḤPs
PIC-PrPjC-CḤCḤPSP° PrPsP·P° C†PjPμPeP»C-PrPëPSC-C†PjC† C† PIC-CÍC-Pj CḤP°P·C-PI
PIPëC%P° P·P° CḤPμPePsPjPμPSP†PsPIP°PSC† PrPsP·C†, P° PrPsP·P° PIC-P»P°PSC,PμCḤPsP»C†
C† C±PsC,PëCḤPë CḤP°P·Pë PIPëC%P° P·P° CḤPμPePsPjPμPSP†PsPIP°PSC† PrPsP·C†).
PḤP°PeCÍPëPjP°P»CḤPSP° C†PμCḤPμPrPSCḤ CḤC-P·PSPëC†CḤ C† PİCḤPsP»PsPSPİP°C†C-C—
C-PSC,PμCḤPIP°P»C† QT (C†PePsCḤPëPİPsPIP°PSP° P·P° PjPμC,PsPrPsPj PαCḤPμPrPμCḤC-PeP°,
QT_cF) PİPsCḤC-PIPSCḤPSPs P· PİP»P°C†PμP±Ps PİC-CÍP»CḤ PİPsPİCḤP°PIPëPë PSP°
PIPëC...C-PrPSPëPNë CḤC-PIPμPSCḤ CÍC,P°PSPsPIPëP»P° 4,3 (90 % P”P† [PrPsPIC-CḤC±PëPNë
C-PSC,PμCḤPIP°P»] 2,2BḤ”6,4) PjC-P»C-CÍPμPeC†PSP†Pë C±PμCḤPμP· 10 C...PIPëP»PëPS
PİC-CÍP»CḤ C-PSPİP°P»CḤC†C-C—
C†PjPμPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PμCḤPsP»C† C† PrPsP·C- 113/22 PjPePi C,P°
8,2 (90 % P”P† 6,2BḤ”10,2) PjC-P»C-CÍPμPeC†PSP†Pë C±PμCḤPμP· 30 C...PIPëP»PëPS
PİC-CÍP»CḤ C-PSPİP°P»CḤC†C-C— C†PjPμPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PμCḤPsP»C† C†
PrPsP·C- 500/100 PjPePi. PhC,P¶Pμ, PİCḤPë C-PSPİP°P»CḤC†C-C—
C†PjPμPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PμCḤPsP»C† C† PrPsP·C- 113/22 PjPePi
P¶PsPrPSPsPİPs PeP»C-PSC-C±PSPs P·PSP°C±C†C%PsPİPs PİCḤPsP°CḤPëC,PjPsPİPμPSPSPsPİPs
PμC,,PμPeC,C†, PİPsPİBḤ™ CḤP·P°PSPsPİPs C-P· PİCḤPsP»PsPSPİP°C†C-C”CḤ
C-PSC,PμCḤPIP°P»C† QT, PSPμ PIPëPSPëPeP°P»Ps.

PŸPİPsCÍC,PμCḤC-PİP°P»PsCÍCḤ C,P°PePsP¶ PrPsP·PsP·P°P»PμP¶PSPμ
P·P±C-P»CḤC€PμPSPSCḤ C±P°CÍC,Psc,Pë C†PμCḤC†PμPIPëC... C†PePsCḤPsC±PμPSCḤ.
PḤP°PeCÍPëPjP°P»CḤPSP° C†PμCḤPμPrPSCḤ CḤC-P·PSPëC†CḤ C±P°CÍC,Psc,Pë

C, C₇H₅CH₃PsC... 6-PjC-C₇Cl₂ClC₇PS₂P₂C... PrPsC₇P₂C-PrP₇PI₂PSCH₃ (PrP₂PI. C, P^oP₂P₂»P₂C₇Cl₂ 1).
P₂Pr₂ C₇PI₂PsC₇Cl₂, P₂CH₃C-PiP^oP₂»PsC₇Cl₂ Pi₂PsC₇P₂»P^oP₂P₂»P₂PS₂PS₂Cl₂
P₂C₇CH₃PsPSC...PsP₂»C-C, P₂C₇PS₂PS₂Pi₂Ps P₂Cl₂, P₂PeC, Cr PI PrP₂PS₂P₂C-C₇Cl₂.

P₂PI₂»P₂PI₂ PS₂P^o C₇P₂PjPiC, PsPjP₂

P—P^oPrP₂C₇Cl₂PeP^o. P₂C-PeP^oC₇Cl₂CH₃PeP₂PN₂ P₂P^oC₇Cl₂-P₂ P₂PS₂PS₂CH₃Ps P₂P₂»P₂C-PiC, P^o
PiC₇CH₃PrP₂PjPsPSC₇Cl₂, C₇Cl₂PI^oPI C₇Cl₂, P^oC, P₂C₇Cl₂, P₂C₇PS₂Ps PrPsC₇Cl₂, PsPIC-C₇CH₃PS₂P₂
C, P^o PeP₂»C-PSC-C₇PS₂Ps P₂PS₂P^oC₇Cl₂»P₂ P₂PjP₂PS₂Cl₂PeP₂PS₂Cl₂ P₂P^oPrP₂C₇Cl₂PeP₂,
Cl₂PeP₂ PsC₇Cl₂-PSC₇PI^oP₂»P₂ P₂P^o PrPsPi₂PsPjPsPi₂PsC₇ C, C₇CH₃P^oPS₂P₂C, PsC₇CH₃PS₂Pi₂Ps
C-PS₂PrP₂PeC₇Cl₂ P₂P^oPrP₂C₇Cl₂PeP₂ (TDI) PS₂P^o 24-PjC₇ C, P₂PI₂PS₂- (PeP₂»C₇CH₃PS₂PI^o
PIC, PsC₇CH₃PS₂PS₂P^o PeC-PSC₇PI^oPI^o C, PsC₇Cl₂PeP^o) Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂
PiP₂»P^oC₇PI₂P₂Ps (PrP₂PI. C, P^oP₂P₂»P₂C₇Cl₂ 1). P₂PsP₂»C-PiC₇PeP₂PS₂Cl₂
Pi₂PsPeP^oP₂PS₂PeP^o TDI Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂ PiC₇Cl₂PI^oPjP₂
PjPsPSPsC, P₂CH₃P^oPiC-C— C, P^o PiC₇Cl₂Pi₂PsC₇ C, C₇Ps PiC₇CH₃PN₂PjP^oP₂»P^o
C, C-PsC, C₇CH₃PS₂PiC-PN₂, PS₂P₂ P₂C₇Cl₂»Ps C₇Cl₂, P^oC, P₂C₇Cl₂, P₂C₇PS₂Ps P₂PS₂P^oC₇Cl₂»P₂
(PrP₂PI. C, P^oP₂P₂»P₂C₇Cl₂ 1).

PS₂P^oC₇Cl₂, PeP^o Pi^oC₇Cl₂-C^oPS₂C, C-PI, Cr Cl₂PeP₂C... P₂PjC-PS₂P^o Pi₂PsPeP^oP₂PS₂PeP^o TDI
C₇Cl₂, P^oPS₂PS₂PI₂PeP₂»P^o PiC₇CH₃PS₂P₂PN₂PjPSC- 1 PsPrP₂PS₂PeC₇Cl₂ (PjC-PSC-PjP^oP₂»CH₃PS₂
PeP₂»C-PSC-C₇PS₂Ps P₂PS₂P^oC₇Cl₂»P^o C₇Cl₂-P₂PS₂PeC₇Cl₂ (P₂CH₃PS₂-P) PrP₂»Cl₂ TDI) PS₂P^o 24-PjC₇
C, P₂PI₂PS₂- , P₂C₇Cl₂»P^o P₂C-P₂»CH₃C₇Cl₂ Cr PiC₇Cl₂PiC- PiC₇CH₃PI^oC₇Cl₂P^oC, Cr P₂PS₂PS₂CH₃Ps
P₂P₂»P₂C-PiC, P^o (58 %) Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂ PiP₂»P^oC₇PI₂P₂Ps (41 %) C, P^o
PjPsPSPsC, P₂CH₃P^oPiC-C^oCl₂ (53 % PrP₂»Cl₂ CrPjP₂PeP₂»C-PrP₂PS₂-CrPjC₇ C, P^o 51 % PrP₂»Cl₂
PIC-P₂»P^oPS₂C, P₂CH₃PS₂»Cr).

Pi₂PeC-C₇Cl₂, CH₃ P₂PI₂C, C, Cl₂, Pi₂PsPi₂CH₃™ Cl₂PI₂P^oPS₂P^o P₂C- P₂PrPsC₇CH₃PS₂PI₂CH₃™ Cl₂PI₂.
P₂C-PeP^oC₇Cl₂CH₃PeP₂PN₂ P₂P^oC₇Cl₂-P₂ P₂PS₂PS₂CH₃Ps P₂P₂»P₂C-PiC, P^o C, P^oPePsP₂PI₂
PiC₇CH₃PrP₂PjPsPSC₇Cl₂, C₇Cl₂PI^oPI Pi₂PsP₂»C-PiC₇PeP₂PS₂Cl₂ Cl₂PePsC₇Cl₂, C- P₂PI₂C, C, Cl₂,
PI₂PePjC-C₇CH₃PI^oPS₂P₂ P₂P^o PrPsPi₂PsPjPsPi₂PsC₇ P P₂Cl₂PiC-C₇CH₃P^oC, PsC₇CH₃PS₂Pi₂Ps
PsPi₂PeC, CrPI^oP₂»CH₃PS₂PeP^o Pi₂PsC₇Cl₂-C, P^oP₂»C₇ P₂PI₂Cl₂, PsPi₂Ps P₂»P₂PS₂PiC-Cl₂ (SGRQ),
PiC₇CH₃ C₇Cl₂PI^o-PrC₇PS₂C, CH₃ P₂PjP₂PS₂Cl₂PeP₂PS₂Cl₂ PeC-P₂»CH₃PePsC₇Cl₂, C- P₂P₂»C-PI
SGRQ PS₂P^o 24-PjC₇ C, P₂PI₂PS₂- Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂ PiP₂»P^oC₇PI₂P₂Ps C, P^o
PjPsPSPsC, P₂CH₃P^oPiC-C^oCl₂ (PrP₂PI. C, P^oP₂P₂»P₂C₇Cl₂ 1). P₂C-PeP^oC₇Cl₂CH₃PeP₂PN₂ P₂P^oC₇Cl₂-P₂
P₂PS₂PS₂CH₃Ps P₂P₂»P₂C-PiC, P^o PiC₇CH₃PrP₂PjPsPSC₇Cl₂, C₇Cl₂PI^oPI C₇Cl₂, P^oC, P₂C₇Cl₂, P₂C₇PS₂Ps
P₂PS₂P^oC₇Cl₂»P₂ P₂PS₂PI₂PS₂Cl₂ Pi₂PsPeP^oP₂PS₂PeP^o SGRQ Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂
C, C-PsC, C₇CH₃PS₂PiC-C^oPj PI PsPrPSPsPjC₇ P₂ C, C₇CH₃PsC... PrPsC₇P₂C-PrP₂PI₂PSCH₃ P₂
P^oPeC, P₂PI₂PS₂Pj PiC₇CH₃PI^oC₇Cl₂, PsPj Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Cl₂ (PrP₂PI. C, P^oP₂P₂»P₂C₇Cl₂ 1).

PS₂P^oC₇Cl₂, PeP^o Pi^oC₇Cl₂-C^oPS₂C, C-PI, Cr Cl₂PeP₂C... Pi₂PsPeP^oP₂PS₂Pe SGRQ P₂PS₂PeP₂PI₂Cl₂
PiC₇CH₃PS₂P₂PN₂PjPSC- PS₂P^o 4 PsPrP₂PS₂PeC₇Cl₂- (4 PsPrP₂PS₂PeC₇Cl₂- б₇™ MP₂PS₂-P PrP₂»Cl₂
PsPi₂PeC, CrPI^oP₂»CH₃PS₂PeP^o SGRQ) PS₂P^o 24-PjC₇ C, P₂PI₂PS₂- , P₂C₇Cl₂»P^o P₂C-P₂»CH₃C₇Cl₂ Cr
PiC₇Cl₂PiC- P₂C-PeP^oC₇Cl₂CH₃PePsPi₂Ps P₂P^oC₇Cl₂»P₂ P₂PS₂PS₂CH₃Ps P₂P₂»P₂C-PiC, P^o (49 %)
Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂ PiP₂»P^oC₇PI₂P₂Ps (34 %) C, P^o PjPsPSPsC, P₂CH₃P^oPiC-C^oCl₂ (44 % PrP₂»Cl₂
CrPjP₂PeP₂»C-PrP₂PS₂-CrPjC₇ C, P^o 48 % PrP₂»Cl₂ PIC-P₂»P^oPS₂C, P₂CH₃PS₂»Cr). P₂ PsPrPSPsPjC₇
PrPsC₇P₂C-PrP₂PI₂PS₂- P₂ P^oPeC, P₂PI₂PS₂Pj PiC₇CH₃PI^oC₇Cl₂, PsPj Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Cl₂
P₂C-P₂»CH₃C₇Cl₂PeP₂PN₂ PIC-PrC₇PS₂C, PsPe Pi^oC₇Cl₂-C^oPS₂C, C-PI, Cl₂PeC- PsC, C₇CH₃PePjC₇PI^oP₂»P₂
P₂C-PeP^oC₇Cl₂CH₃PeP₂PN₂ P₂P^oC₇Cl₂-P₂ P₂PS₂PS₂CH₃Ps P₂P₂»P₂C-PiC, P^o, PIC-PrPi₂PS₂PI₂-PI
PeP₂»C-PSC-C₇PS₂Ps P₂PS₂P^oC₇Cl₂»P₂ Pi₂PsP₂»C-PiC₇PeP₂PS₂Cl₂Pi₂ Pi₂PsPeP^oP₂PS₂PeP^o SGRQ
PS₂P^o 24-PjC₇ C, P₂PI₂PS₂- (53 %) Pi₂PsC₇Cl₂-PI₂PS₂Cl₂PS₂Ps P₂ Pi^oC₇Cl₂-C^oPS₂C, P^oPjP₂, Cl₂PeC-
PsC, C₇CH₃PePjC₇PI^oP₂»P₂ C, C-PsC, C₇CH₃PS₂PiC-PN₂ (46 %). P₂ C-PSC₇PeC... PrPi₂PsC...

PrPsCfP»C-PrP¶PµPSPSC¶C... P· P°PeC, PēPIPSpēPj PīCḡPµPīP°CḡP°C, PsPj
PīPsCḡC-PIPSC¶PSPSC¶ P°PSP°P»PsPiC-C‡PSP° C‡P°CfC, PeP° PīP°C‡C-C°PSC, C-PI
PrPsCfC¶PīP»P° PīCḡPēPSP°PnēPjPSC- PḡPḡP—P P· P»C-PeP°CḡCfCHPePēPj P·P°CfPsP±PsPj
PḡPSPsCḡPs P·P»P»C-PīC, P° C, P° C, C-PsC, CḡPsPīC-C°Pj: 49 % C- 54 % Bḡ” P·
P»C-PeP°CḡCfCHPePēPj P·P°CfPsP±PsPj PḡPSPsCḡPs P·P»P»C-PīC, P° Cḡ PrPsP·C- 55/22 PjPePi,
52 % C- 55 % Bḡ” P· C, C-PsC, CḡPsPīC-C°Pj.

P’PēPePsCḡPēCfC, P°PSPSC¶ PīCḡPµPīP°CḡP°C, C-PI PrP»C¶ PīPsP»PµPiCēPµPSPSC¶
CfPēPjPīC, PsPjC-PI

PµCḡPē P·P°CfC, PsCfCḡPīP°PSPSC- P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cḡ PḡPSPsCḡPs
P·P»P»C-PīC, P° P·PjPµPSCēPēP»PsCfC¶ PīPēPePsCḡPēCfC, P°PSPSC¶ PīCḡPµPīP°CḡP°C, C-PI
PrP»C¶ PīPsP»PµPiCēPµPSPSC¶ CfPēPjPīC, PsPjC-PI (CfP°P»CHP±CḡC, P°PjPsP»)
PīCḡPsC, C¶PīPsPj 1Bḡ”24 C, PēP¶PSC-PI PrPsCfP»C-PrP¶PµPSPSC¶ PīPsCḡC-PIPSC¶PSPs P·
PīP»P°C‡PµP±Ps C, P° CḡPjPµPeP»C-PrPēPSC-CḡPjPsPj (PrPēPI. C, P°P±P»PēC‡Cḡ 1) C, P°
P±CḡP»Ps PīCḡPsPrPµPjPsPSCfC, CḡPsPīP°PSPs P·P±C-P»CHCēPµPSPSC¶
PeC-P»CHPePsCfC, C- PrPSC-PI, PePsP»Pē PSPµ PīPsC, CḡC-P±PSPs P±CḡP»Ps
P·P°CfC, PsCfPsPīCḡPīP°C, Pē PīCḡPµPīP°CḡP°C, Pē PrP»C¶ PīPsP»PµPiCēPµPSPSC¶
CfPēPjPīC, PsPjC-PI (PI CfPµCḡPµPrPSCḡPsPjCḡ PSP° 11,1 %) PīPsCḡC-PIPSC¶PSPs P·
PīCḡCḡPīPsCḡ PīP»P°C‡PµP±Ps, Cḡ C¶PeC-Pnē P·PjPµPSCēPēP»P°CfC¶ PeC-P»CHPeC-CfC, CH
C, P°PePēC... PrPSC-PI PI CfPµCḡPµPrPSCḡPsPjCḡ PSP° 0,9 %.

Pj C, CḡCHPsC... 6-PjC-CfC¶C‡PSPēC... PrPsCfP»C-PrP¶PµPSPSC¶C...,
PePsPSC, CḡPsP»CHPsPīP°PSPēC... P·P° P°PeC, PēPIPSpēPj PīCḡPµPīP°CḡP°C, PsPj
PīPsCḡC-PIPSC¶PSPSC¶, P·P°CfC, PsCfCḡPīP°PSPSC¶ P»C-PeP°CḡCfCHPePsPiPs
P·P°CfPsP±Cḡ PḡPSPsCḡPs P·P»P»C-PīC, P° P·PjPµPSCēPēP»Ps PīPēPePsCḡPēCfC, P°PSPSC¶
PīCḡPµPīP°CḡP°C, C-PI PrP»C¶ PīPsP»PµPiCēPµPSPSC¶ CfPēPjPīC, PsPjC-PI
PīPsCḡC-PIPSC¶PSPs P· C, C-PsC, CḡPsPīC-C°Pj P·C- CfC, P°C, PēCfC, PēC‡PSPs
P·PSP°C‡CḡC%PēPjPē P·PSPēP¶PµPSPSC¶PjPē Cḡ PrPīPsC... PrPsCfP»C-PrP¶PµPSPSC¶C...
(PrPēPI. C, P°P±P»PēC‡Cḡ 1). P·C-PeP°CḡCfCHPePēPnē P·P°CfC-P± PḡPSPsCḡPs
P·P»P»C-PīC, P° C, P°PePsP¶ PīCḡPsPrPµPjPsPSCfC, CḡCḡPīP°PI P·P±C-P»CHCēPµPSPSC¶
C‡P°CfC, PePē PrPSC-PI, PePsP»Pē PSPµ PīPsC, CḡC-P±PSPs P±CḡP»Ps
PīPēPePsCḡPēCfC, PsPīCḡPīP°C, Pē PīCḡPµPīP°CḡP°C, Pē PrP»C¶ PīPsP»PµPiCēPµPSPSC¶
CfPēPjPīC, PsPjC-PI, Cḡ PīCfC-C... C, CḡCHPsC... PrPsCfP»C-PrP¶PµPSPSC¶C...
(CfPµCḡPµPrPSC-Pnē PīPsPeP°P·PSPēPe PI PjPµP¶P°C... PIC-Pr 17,6 % PrPs 21,5 %)
PīPsCḡC-PIPSC¶PSPs P· C, C-PsC, CḡPsPīC-C°Pj (CfPµCḡPµPrPSC-Pnē PīPsPeP°P·PSPēPe PI
PjPµP¶P°C... PIC-Pr 11,7 % PrPs 13,4 %).

PḡP°P±P»PēC‡C¶ 1. P·PµPīPµPSPµPīP° C, CḡPSPeC‡C-C¶, CfPēPjPīC, PsPjPē C, P° C¶PeC-CfC, CH
P¶PēC, C, C¶, PīPsPīBḡ™ C¶P·P°PSC- P·C- P·PrPsCḡPsPīBḡ™ C¶Pj, PSP° 24-PjCḡ C, PēP¶PSC-

PµPsCḡC-PIPSC¶PSPSC¶ P»C-PeCḡPīP°PSPSC¶ P»C-PeP°CḡCfCHPePēPj P·P°CfPsP±PsPj PḡPSPsCḡPs P·P»P»C-PīC, P° Cḡ PrPsP·C- 55/22 PjPePi	P C-P·PSPēC‡C¶ PjC-P¶ PīPsPeP°P·PSPēPeP°PjPē P»C-PeCḡPīP°PSPSC¶ ¹ (95 % PrPsPIC-CḡC‡PēPnē C-PSC, PµCḡPīP°P», P·PSP°C‡PµPSPSC¶ p)			
	P’PēC...C-PrPSPµ P·PSP°C‡PµPSPSC¶ PḡPḡP’ ₁ (PjP»)	PµPsPeP°P·PSPēPe TDI	PµPsPeP°P·PSPēPe SGRQ	P’PēPePsCḡPēCfC, P°PSPSC¶ PīCḡPµPīP°CḡP°C, C-PI PrP»C¶ PīPsP»PµPiCēPµPSPSC¶ CfPēPjPīC, PsPjC-PI ³
PḡPSPsCḡPs P·P»P»C-PīC, P° (N = 413) PīPsCḡC-PIPSC¶PSPs P· PīP»P°C‡PµP±Ps (N = 280)	167 (128, 207) < 0,001	1,2 (0,7, 1,7) < 0,001	Bḡ”5,51 (Bḡ”7,88, Bḡ”3,13) < 0,001*	Bḡ”0,8 (Bḡ”1,3, Bḡ”0,3) 0,001*

PhPSPsC ₇ Ps P•P»P»C-PiC,P° (N = 413) PiPsC ₇ C-PIPSC ₇ IPSPs P· CrPjPμPeP»C-PrPēPSC-CrPjPsPj Cr PrPsP·C- 55 PjPePi (N = 418)	52 (17, 87) 0,004	0,3 (B ₇ “0,2, 0,7) 0,244	B ₇ “0,82 (B ₇ “2,90, 1,27) 0,441	B ₇ “0,6 (B ₇ “1,0, B ₇ “0,1) 0,014*
PhPSPsC ₇ Ps P•P»P»C-PiC,P° (N = 413) PiPsC ₇ C-PIPSC ₇ IPSPs P· PIC-P»P°PSC,PμC ₇ PsP»PsPj Cr PrPsP·C- 22 PjPePi (N = 421)	95 (60, 130) < 0,001	0,4 (B ₇ “0,1, 0,8) 0,117	B ₇ “0,32 (B ₇ “2,41, 1,78) 0,767	0,1 (B ₇ “0,3, 0,5) 0,675
PhPSPsC ₇ Ps P•P»P»C-PiC,P° (N = 454) PiPsC ₇ C-PIPSC ₇ IPSPs P· C,C-PsC,C ₇ PsPiC-C”Pj Cr PrPsP·C- 18 PjPePi (N = 451) (PrPsC ₇ P»C-PrP¶PμPSPSC ₇ ZEP117115)	112 (81, 144) < 0,001	PS/Ps	B ₇ “2,10 (B ₇ “3,61, B ₇ “0,59) 0,006	B ₇ “0,5 (B ₇ “0,7, B ₇ “0,2) < 0,001
PhPSPsC ₇ Ps P•P»P»C-PiC,P° B (N = 207) PiPsC ₇ C-PIPSC ₇ IPSPs P· C,C-PsC,C ₇ PsPiC-C”Pj Cr PrPsP·C- 18 PjPePi (N = 203) (PrPsC ₇ P»C-PrP¶PμPSPSC ₇ DB2113360)	90 (39, 141) < 0,001	0,1 ² (B ₇ “0,4, 0,5) 0,817	0,75 (B ₇ “2,12, 3,63) 0,607	B ₇ “0,7 (B ₇ “1,2, B ₇ “0,1) 0,022
PhPSPsC ₇ Ps P•P»P»C-PiC,P° (N = 217) PiPsC ₇ C-PIPSC ₇ IPSPs P· C,C-PsC,C ₇ PsPiC-C”Pj Cr PrPsP·C- 18 PjPePi (N = 215) (PrPsC ₇ P»C-PrP¶PμPSPSC ₇ DB2113374)	60 (10, 109) 0,018*		B ₇ “0,17 (B ₇ “2,85, 2,52) 0,904	B ₇ “0,6 (B ₇ “1,2, 0,0) 0,069

N B₇” C±PēC₇PμP»CH₇PSC-C₇C,CH₇ PiPsPiC₇P»C₇C±C-C— P±P₇P₇ (P±P₇P₇ B₇”
PiPsPiC₇P»C₇C±C-C₇ PIC₇C-C... PiP°C±C-C”PSC,C-PI, C₇P°PSPPrPsPjC-P·PsPIP°PSPēC... PrP»C₇
P»C-PēC₇PIP°PSPSC₇)

PjPePi B₇” PjC-PēC₇PsPiC₇P°Pj

PS/Ps B₇” PSPμ PsC±C-PSCH₇PIP°PIC₇C₇

¹ P₇P₇μC₇PμPrPSC₇PsPePIP°PrC₇P°C,PēC±PSPμ C₇PμC₇PμPrPSC”.

² PhP±B₇™ C”PrPSP°PSC- PrP°PSC- PrPsC₇P»C-PrP¶PμPSPSC₇ DB2113360 C,P°
PrPsC₇P»C-PrP¶PμPSPSC₇ DB2113374.

³ P C-P·PSPēC±C₇ C₇PμC₇PμPrPSC₇PsC— PeC-P»CH₇PePsC₇C, C- P·P°C₇C,PsC₇C₇PIP°PSPSC₇
PiC₇PμPiP°C₇P°C,C₇ PSP° PrPμPSC₇ PiC₇PsC,C₇PiPsPj C,PēP¶PSC-PI 1B₇“24.

P’C-P»CH₇Cē PIPēC₇PsPeCr PrPsP·Cr CrPjPμPeP»C-PrPēPSC-CrPjCr/PIC-P»P°PSC,PμC₇PsP»Cr
(113/22 PjPePi) C,P°PePsP¶ PIPēPIC±P°P»Pē Cr 24-C,PēP¶PSPμPIPjCr PiP»P°C±PμP±Ps-
PePsPSC,C₇PsP»CH₇PsPIP°PSPjCr PeP»C-PSC-C±PSPsPjCr PrPsC₇P»C-PrP¶PμPSPSC- C,P° Cr
PrPIPsC... C-P· C,C₇CH₇PsC... 24-C,PēP¶PSPμPIPēC... PrPsC₇P»C-PrP¶PμPSPSC₇C...,
PePsPSC,C₇PsP»CH₇PsPIP°PSPēC... P·P° P°PeC,PēPIPS₇Pj PiC₇PμPiP°C₇P°C,PsPj.
P PμP·CrP»CH₇C,P°C,Pē P±C₇P»Pē P°PSP°P»PsPiC-C±PSC- C₇PμP·CrP»CH₇C,P°C,P°Pj PiC₇Pē
P·P°C₇C,PsC₇C₇PIP°PSPSC- P»C-PēP°C₇C₇CH₇PePsPiPs P·P°C₇PsP±Cr PhPSPsC₇Ps
P·P»P»C-PiC,P° Cr PrPsP·C- 55/22 PjPePi C,P° PrPsPrP°C,PePsPIPs PiC-PrC,PIPμC₇PrPēP»Pē

$P_{\mu C}, P_{\mu PeC}, P_{\mu PIPSC-ClC}, CH P \gg C-PeP^{\circ}CHClCHPePsPiPs P \cdot P^{\circ}ClPsP \pm Cr P_{\mu}PSPsCHPs$
 $P \cdot P \gg P \gg C-PiC, P^{\circ}.$

$P-P^{\circ}PiPsClC, CH P_{\mu}PSPSCl P \Gamma PhP-P \gg$

PJ 24-C, $P_{\mu}P \gg P_{\mu}PSP_{\mu}PIPsPjCr P \ddot{P}P \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps-PePsPSC, CHPsP \gg CHPsPIP^{\circ}PSPsPjCr$
 $PrPsClP \gg C-PrP \gg P_{\mu}PSPSC- P \ddot{P}P^{\circ}C \ddagger C-C''PSC, C-PI C-P. ClP \ddot{P}PjPiC, PsPjPSP \ddot{P}Pj P \ddot{P}P_{\mu}CHPsP_{\mu}P \pm C-PiPsPj$
 $P \Gamma PhP-P \gg P \cdot P^{\circ}ClC, PsClC \ddagger PIP^{\circ}PSPSCl P \gg C-PeP^{\circ}CHClCHPePsPiPs P \cdot P^{\circ}ClPsP \pm Cr P_{\mu}PSPsCHPs$
 $P \cdot P \gg P \gg C-PiC, P^{\circ} P \cdot PSP \ddot{P}P \gg C \ddagger PIP^{\circ}P \gg Ps CHPsP \cdot P \ddot{P}P P \ddot{P}PjC-CHPsPSPiPs/C, ClP \gg P_{\mu}PePsPiPs$
 $P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl P \Gamma PhP-P \gg PSP^{\circ} 50 \% P \ddot{P}PsCHC-PIPSClPSPs P \cdot P \ddot{P}P \gg P^{\circ}C \ddagger P_{\mu}P \pm Ps (PSP^{\circ}$
 $PsClPSPsPIC- P^{\circ}PSP^{\circ}P \gg C-P \cdot Cr C \ddagger P^{\circ}ClC \ddagger PrPs CHPsP \cdot PIP \ddot{P}C, PeCr P \ddot{P}P_{\mu}CHCsPSPiPs$
 $P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl: PIC-PrPSPsC \ddagger P_{\mu}PSPSCl CHPsP \cdot P \ddot{P}P C-PI (P'P) 0,5; 95 \% P''P \ddagger 0,3,$
 $0,8; p = 0,004*), PSP^{\circ} 20 \% P \ddot{P}PsCHC-PIPSClPSPs P \cdot CrPjP_{\mu}PeP \gg C-PrP \ddot{P}PSC-CrPjPsPj (P'P 0,8; 95$
 $\% P''P \ddagger 0,5, 1,3; p = 0,391) C, P^{\circ} PSP^{\circ} 30 \% P \ddot{P}PsCHC-PIPSClPSPs P \cdot PIC-P \gg P^{\circ}PSC, P_{\mu}CHPsP \gg PsPj$
 $(P'P 0,7; 95 \% P''P \ddagger 0,4, 1,1; p = 0,121).$

$P' PsPrPSPsPjCr P \cdot C, CHCHPsC... PrPsClP \gg C-PrP \gg P_{\mu}PSC H Cr P \ddot{P}P^{\circ}C \ddagger C-C''PSC, C-PI C-P.$
 $ClP \ddot{P}PjPiC, PsPjPSP \ddot{P}Pj P \ddot{P}P_{\mu}CHPsP_{\mu}P \pm C-PiPsPj P \Gamma PhP-P \gg P \cdot P^{\circ}ClC, PsClC \ddagger PIP^{\circ}PSPSCl$
 $P \gg C-PeP^{\circ}CHClCHPePsPiPs P \cdot P^{\circ}ClPsP \pm Cr P_{\mu}PSPsCHPs P \cdot P \gg P \gg C-PiC, P^{\circ} Cr$
 $P \ddot{P}PsCHC-PIPSClPSPSC- P \cdot C, C-PsC, CHPsPiC-C''Pj P \cdot PSP \ddot{P}P \gg C \ddagger PIP^{\circ}P \gg Ps CHPsP \cdot P \ddot{P}P$
 $P \ddot{P}PsPjC-CHPsPSPiPs/C, ClP \gg P_{\mu}PePsPiPs P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl P \Gamma PhP-P \gg PSP^{\circ} 50 \% (P'P 0,5;$
 $95 \% P''P \ddagger 0,3, 1,0; p = 0,044). PJ PrPIPsC... C-PSC \ddagger P \ddot{P}C... PrPsClP \gg C-PrP \gg P_{\mu}PSPSClC...$
 $CHPsP \cdot P \ddot{P}P P \ddot{P}PsPjC-CHPsPSPiPs/C, ClP \gg P_{\mu}PePsPiPs P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl P \Gamma PhP-P \gg Cr$
 $P \ddot{P}P^{\circ}C \ddagger C-C''PSC, C-PI C-P. ClP \ddot{P}PjPiC, PsPjPSP \ddot{P}Pj P \ddot{P}P_{\mu}CHPsP_{\mu}P \pm C-PiPsPj P \Gamma PhP-P \gg P \pm CrPI$
 $PIC-PrP \ddot{P}PsPIC-PrPSPs PSP^{\circ} 20 \% C, P^{\circ} 90 \% PIP \ddot{P}C \ddagger P \ddot{P}Pj (P'P 1,2; 95 \% P''P \ddagger 0,5, 2,6; p = 0,709$
 $C, P^{\circ} P'P 1,9; 95 \% P''P \ddagger 1,0, 3,6; p = 0,062 PIC-PrP \ddot{P}PsPIC-PrPSPs). P''P \ddot{P}P \cdot P^{\circ}P_{\mu}PS C \ddagger P \ddot{P}C...$
 $PrPsClP \gg C-PrP \gg P_{\mu}PSC H PSP_{\mu} P \pm CrPI CHPsP \cdot CHPsP \pm P \gg P_{\mu}PSP \ddot{P}P_{\mu} PrP \gg Cl PsC \ddagger C-PSPeP \ddot{P}$
 $PIP \ddot{P}P \gg P \ddot{P}IC \ddagger P \gg C-PeCrPIP^{\circ}PSPSCl PSP^{\circ} P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl P \Gamma PhP-P \gg, C-$
 $P \ddot{P}P^{\circ}C \ddagger C-C''PSC, P \ddot{P} PiC-ClP \gg Cl CHPsP \cdot PIP \ddot{P}C, PeCr P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSPSCl$
 $PIP \ddot{P}PeP \gg CHC \ddagger P^{\circ}P \gg P \ddot{P}ClC P \cdot PrPsClP \gg C-PrP \gg P_{\mu}PSPSCl.$

$P''PsClP \gg C-PrP \gg P_{\mu}PSPSCl, C \% Ps PiC-PrC, PIP_{\mu}CHPrP \gg C \ddagger CHC, CH$
 $P_{\mu C}, P_{\mu PeC}, P_{\mu PIPSC-ClC}, CH$

PJ $CHP^{\circ}PSPPrPsPjC-P \cdot PsPIP^{\circ}PSPsPjCr P \ddot{P}PsPrPIC-P_{\mu}PSPs ClP \gg C-P \ddot{P}PsPjCr 52-C, P_{\mu}P \gg P_{\mu}PSP_{\mu}PIPsPjCr$
 $PrPsClP \gg C-PrP \gg P_{\mu}PSPSC- (CTT116855, IMPACT) PI 10 355 PrPsCHPsClP \gg P \ddot{P}C...$
 $P \ddot{P}P^{\circ}C \ddagger C-C''PSC, C-PI C-P. ClP \ddot{P}PjPiC, PsPjPSP \ddot{P}Pj P \ddot{P}P_{\mu}CHPsP_{\mu}P \pm C-PiPsPj P \Gamma PhP-P \gg, ClPeC-$
 $P \ddot{P}P_{\mu}CHPsP_{\mu}PSP_{\mu}ClP \gg P \ddot{P} PsPrPSP_{\mu} C \ddagger P \ddot{P} PeC-P \gg CHPeP^{\circ} P \ddot{P}PsPjC-CHPsP \ddot{P}C... P^{\circ}P \pm Ps$
 $C, ClP \gg P_{\mu}PeP \ddot{P}C... P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSC H PiCHPsC, ClPiPsPj P \ddot{P}PsPiP_{\mu}CHPsP_{\mu}PrPSC-C... 12$
 $PjC-ClC \ddagger C \ddagger C-PI, P \ddot{P}PsCHC-PIPSC \ddagger PIP^{\circ}P \gg PsClCH P \gg C-PeCrPIP^{\circ}PSPSCl$
 $CrPjP_{\mu}PeP \gg C-PrP \ddot{P}PSC-CrPjPsPj/PIC-P \gg P^{\circ}PSC, P_{\mu}CHPsP \gg PsPj (PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger 55/22 PjPePi),$
 $C, P \gg CHC, P \ddot{P}PeP^{\circ}P \cdot PsPSCr C, CrCHPsP^{\circ}C, PsPj / CrPjP_{\mu}PeP \gg C-PrP \ddot{P}PSC-CrPjPsPj /$
 $PIC-P \gg P^{\circ}PSC, P_{\mu}CHPsP \gg PsPj (P \ddot{P}P_{\mu}/PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger 99/55/22 PjPePi) C \ddagger P \ddot{P}$
 $C, P \gg CHC, P \ddot{P}PeP^{\circ}P \cdot PsPSCr C, CrCHPsP^{\circ}C, PsPj / PIC-P \gg P^{\circ}PSC, P_{\mu}CHPsP \gg PsPj (P \ddot{P}P_{\mu}/P'P \ddagger 99/22$
 $PjPePi) PsPrP \ddot{P}PS CHPsP^{\circ} PSP^{\circ} PrPsP \pm Cr PI PsPrPSPsPjCr C-PSPiP^{\circ}P \gg ClC, PsCHC-$
 $P_{\mu}P_{\mu}CHPIP \ddot{P}PSPSPsCH PeC-PSC \ddagger P_{\mu}PIPsCH C, PsC \ddagger PePsCH PI PrPsClP \gg C-PrP \gg P_{\mu}PSPSC-$
 $P \pm CrP \gg P^{\circ} C \% PsCHC-C \ddagger PSP^{\circ} C \ddagger P^{\circ}ClC, PsC, P^{\circ} P \ddot{P}PsPjC-CHPsP \ddot{P}C... C \ddagger P \ddot{P} C, ClP \gg P_{\mu}PeP \ddot{P}C...$
 $P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSC H Cr C, P \ddot{P}C..., C...C, Ps PiCHPsP \ddot{P}P_{\mu}PjP^{\circ}PI P \ddot{P}P_{\mu}/PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger,$
 $P \ddot{P}PsCHC-PIPSClPSPs P \cdot P \ddot{P}P_{\mu}/P'P \ddagger P^{\circ}P \pm Ps PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger. P \ddot{P}P_{\mu}CHPsP_{\mu}PrPSCl CHC-C \ddagger PSP^{\circ}$
 $C \ddagger P^{\circ}ClC, PsC, P^{\circ} P \cdot P^{\circ}PiPsClC, CHPsP_{\mu}PSC H ClC, P^{\circ}PSPsPIP \ddot{P}P \gg P^{\circ} 0,91, 1,07 C, P^{\circ} 1,21 PrP \gg Cl$
 $P \ddot{P}P_{\mu}/PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger, P \ddot{P}P_{\mu}/P'P \ddagger C, P^{\circ} PJP_{\mu}P \cdot P_{\mu}/P'P \ddagger PIC-PrP \ddot{P}PsPIC-PrPSPs.$

$P_{\mu}PsC\bar{H}C-PIPSC\bar{U}PSPSC\bar{U}$ $P_{\alpha}P_{\alpha}/PJP_{\bar{H}}P \cdot P_{\bar{L}}/P'P \dagger P \cdot P_{\alpha}P_{\alpha}/P'P \dagger C, P^{\circ} PJP_{\bar{H}}P \cdot P_{\bar{L}}/P'P \dagger$
 $P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}P \gg Ps$ $C\bar{I}C, P^{\circ}C, P\bar{e}C\bar{I}C, P\bar{e}C\ddagger PSPs$ $P \cdot PSP^{\circ}C\ddagger CrC\%_{\circ}P_{\mu}$ $P \cdot PSP\bar{e}P\bar{I}P_{\mu}PSPSC\bar{U}$
 $C\bar{H}P\bar{e}P \cdot P\bar{e}PeCr$ $P\bar{i}PsPjC-C\bar{H}PSPsPiPs/C, C\bar{U}P\bar{I}PePsPiPs$ $P \cdot P^{\circ}PiPsC\bar{I}C, C\bar{H}P_{\mu}PSPSC\bar{U}$ $PSP^{\circ} 14,8 \%$
 $(PSP^{\circ} PsC\bar{I}PSPsPIC- P^{\circ}PSP^{\circ}P \gg C-P \cdot Cr$ $C\ddagger P^{\circ}C\bar{I}Cr$ $PrPs$ $C\bar{H}PsP \cdot PIP\bar{e}C, PeCr$ $P\bar{i}P_{\mu}C\bar{H}C\bar{e}PsPiPs$
 $P \cdot P^{\circ}PiPsC\bar{I}C, C\bar{H}P_{\mu}PSPSC\bar{U})$ $(P'P \ 0,85; 95 \%$ $P''P \dagger 0,80, 0,91; p < 0,001)$ $C, P^{\circ} PSP^{\circ} 16 \%$
 $PIC-PrP\bar{i}PsPIC-PrPSPs$ $(PSP^{\circ} PsC\bar{I}PSPsPIC- P^{\circ}PSP^{\circ}P \gg C-P \cdot Cr$ $C\ddagger P^{\circ}C\bar{I}Cr$ $PrPs$ $C\bar{H}PsP \cdot PIP\bar{e}C, PeCr$
 $P\bar{i}P_{\mu}C\bar{H}C\bar{e}PsPiPs$ $P \cdot P^{\circ}PiPsC\bar{I}C, C\bar{H}P_{\mu}PSPSC\bar{U})$ $(P'P \ 0,84; 95 \%$ $P''P \dagger 0,78, 0,91; p < 0,001)$.

$P'P\bar{e}C, C\bar{H}P\bar{e}PIP^{\circ}P \gg C-C\bar{I}C, CH$ $C, P^{\circ} PsP \pm B\bar{H}^{\text{TM}} C''Pj$ $P \gg P_{\mu}PiP_{\mu}PSC\bar{H}$

$P' PsPrPSPsPjCr$ $P \cdot PrPIPSC \dots PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSC\bar{H}$ $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CHPePsPiPs$
 $P \cdot P^{\circ}C\bar{I}PsP \pm Cr$ $P\bar{H}PSPsC\bar{H}Ps$ $P \cdot P \gg P \gg C-P\bar{i}C, P^{\circ} Cr$ $PrPsP \cdot C- 55/22 PjPePi$
 $P\bar{i}PsPeC\bar{H}P^{\circ}C\%_{\circ}P\bar{e}PIC\bar{I}C\bar{U}$ $C\ddagger P^{\circ}C\bar{I} PIP\bar{e}C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsC\bar{I}C, C-$ $P\bar{i}PsC\bar{H}C-PIPSC\bar{U}PSPs$ $P \cdot$
 $C, P^{\circ}PeP\bar{e}Pj$ $P\bar{i}C\bar{H}P\bar{e}$ $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}CrPIP^{\circ}PSPSC-$ $P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps, C\%_{\circ}Ps$
 $PsC\ddagger C-PSC\bar{H}PIP^{\circ}P \gg PsC\bar{I}C\bar{U}$ $P \cdot P^{\circ} PrPsP\bar{i}PsPjPsPiPsC\bar{H}$ $C\bar{I}C, CrP\bar{i}C-PSC\ddagger P^{\circ}C\bar{I}C, PsPiPs$ $C, P_{\mu}C\bar{I}C, Cr$
 $C\ddagger PsPIPSP\bar{e}PePsPiPsC-$ $C \dots PsPrCHP \pm P\bar{e}$ $(C\bar{e}P^{\circ}C, P \gg C, P_{\mu}C\bar{I}C, Cr)$. $P' PsP \pm PsC \dots$
 $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC\bar{U}C \dots C\bar{I}P\bar{i}PsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P \gg PsC\bar{I}C\bar{U}$ $P \cdot P \pm C-P \gg CHC\bar{e}P_{\mu}PSPSC\bar{U}$
 $P\bar{i}PsPeP^{\circ}P \cdot PSP\bar{e}PeC-Pi$ $PsP \pm B\bar{H}^{\text{TM}} C''PjCr$ $P \gg P_{\mu}PiP_{\mu}PSC\bar{H}$ $P\bar{i}PsC\bar{H}C-PIPSC\bar{U}PSPs$ $P \cdot$
 $P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps$ Cr $PrPsC\bar{H}PsC\bar{I}P \gg P\bar{e}C \dots P\bar{i}P^{\circ}C\ddagger C-C''PSC, C-Pi$ $C-P$ $P\bar{I}P\bar{H}P-P \gg P \cdot$
 $PiC-PiP_{\mu}C\bar{H}C-PSC, P \gg C\bar{U}C\ddagger C-C''C\bar{H}$ $(C, CrPSPeC\ddagger C-PsPSP^{\circ}P \gg CHPSP^{\circ} P \cdot P^{\circ}P \gg P\bar{e}C\bar{e}PePsPIP^{\circ}$
 $C''PjPSC-C\bar{I}C, CH$ $(P_{\alpha}P-P,) > 120 \%)$. Pj $P\bar{i}P_{\mu}C\bar{H}C\bar{e}PsPjCr$ $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC-$
 $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CHPeP\bar{e}PN_{\bar{e}}$ $P \cdot P^{\circ}C\bar{I}C-P \pm P\bar{H}PSPsC\bar{H}Ps$ $P \cdot P \gg P \gg C-P\bar{i}C, P^{\circ} Cr$ $PrPsP \cdot C- 55/22 PjPePi$
 $P\bar{i}C\bar{H}PsPrP_{\mu}PjPsPSC\bar{I}C, C\bar{H}CrPIP^{\circ}Pi$ $C\bar{I}C, P^{\circ}C, P\bar{e}C\bar{I}C, P\bar{e}C\ddagger PSPs$ $PrPsC\bar{I}C, PsPIC-C\bar{H}PSP_{\mu}$ C, P°
 $PeP \gg C-PSC-C\ddagger PSPs$ $P \cdot PSP^{\circ}C\ddagger CrC\%_{\circ}P_{\mu}$ $P\bar{i}PsPeC\bar{H}P^{\circ}C\%_{\circ}P_{\mu}PSPSC\bar{U}$ $C\ddagger P^{\circ}C\bar{I}Cr$
 $PIP\bar{e}C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsC\bar{I}C, C-$ $P\bar{i}C\bar{H}P\bar{e}$ $C, C-P \cdot P\bar{e}C\ddagger PSPsPjCr$ $PSP^{\circ}PIP^{\circ}PSC, P^{\circ}P\bar{I}P_{\mu}PSPSC-$ $(69,4$
 $C\bar{I}P_{\mu}PeCrPSP\bar{r}P\bar{e}, p = 0,003)$ $P\bar{i}PsC\bar{H}C-PIPSC\bar{U}PSPs$ $P \cdot P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps, C\%_{\circ}Ps$
 $PsC\ddagger C-PSC\bar{H}PIP^{\circ}P \gg PsC\bar{I}CH$ $PSP^{\circ} 12$ $C, P\bar{e}P\bar{I}PSC-$ $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC\bar{U}$ $C\ddagger P_{\mu}C\bar{H}P_{\mu}P \cdot 3$
 $PiPsPrP\bar{e}PSP\bar{e}$ $P\bar{i}C-C\bar{I}P \gg C\bar{U}$ $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}CrPIP^{\circ}PSPSC\bar{U}$ $P\bar{i}C\bar{H}P_{\mu}P\bar{i}P^{\circ}C\bar{H}P^{\circ}C, Cr$
 $(PjC-PSC-PjP^{\circ}P \gg CHPSP^{\circ} PeP \gg C-PSC-C\ddagger PSPs$ $P \cdot PSP^{\circ}C\ddagger P\bar{e}PjP^{\circ}$ $C\bar{H}C-P \cdot PSP\bar{e}C\ddagger C\bar{U}$ $(P_{\bar{H}}P_{\bar{L}}P-P)$
 $PrP \gg C\bar{U}$ $C\bar{e}P^{\circ}C, P \gg C, P_{\mu}C\bar{I}C, Cr$ $C\bar{I}C, P^{\circ}PSPsPIP\bar{e}C, CH$ $45B\bar{H}^{\text{TM}} 85$ $C\bar{I}$). $P_{\mu}PsPeC\bar{H}P^{\circ}C\%_{\circ}P_{\mu}PSPSC\bar{U}$
 $C\ddagger P^{\circ}C\bar{I}Cr$ $PIP\bar{e}C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsC\bar{I}C, C-$ $P\bar{i}C\bar{H}P\bar{e}$ $C, C-P \cdot P\bar{e}C\ddagger PSPsPjCr$ $PSP^{\circ}PIP^{\circ}PSC, P^{\circ}P\bar{I}P_{\mu}PSPSC-$
 $P\bar{i}PsC\bar{H}C-PIPSC\bar{U}PSPs$ $P \cdot C, P^{\circ}PeP\bar{e}Pj$ $P\bar{i}C\bar{H}P\bar{e}$ $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}CrPIP^{\circ}PSPSC-$ $P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps$
 $C\bar{I}P\bar{i}PsC\bar{I}C, P_{\mu}C\bar{H}C-PiP^{\circ}P \gg PsC\bar{I}CH$ $PSP^{\circ} 2$ $PrP_{\mu}PSC\bar{H}$ $C, P^{\circ} P \cdot P \pm P_{\mu}C\bar{H}C-PiP^{\circ}P \gg PsC\bar{I}C\bar{U}$ $PSP^{\circ} 6-$
 $PjCr$ $C, P^{\circ} 12-PjCr$ $C, P\bar{e}P\bar{I}PSC\bar{U}C \dots PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC\bar{U}$. Pj $PrC\bar{H}CrPiPsPjCr$
 $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC-$ $C\bar{H}C-P \cdot PSP\bar{e}C\ddagger C\bar{U}$ $PjC-P\bar{I}$ $P\bar{i}PsPeP^{\circ}P \cdot PSP\bar{e}PeP^{\circ}PjP\bar{e}$ $C\ddagger P^{\circ}C\bar{I}Cr$
 $PIP\bar{e}C, C\bar{H}P\bar{e}PIP^{\circ}P \gg PsC\bar{I}C, C-$ $P\bar{i}C\bar{H}P\bar{e}$ $C, C-P \cdot P\bar{e}C\ddagger PSPsPjCr$ $PSP^{\circ}PIP^{\circ}PSC, P^{\circ}P\bar{I}P_{\mu}PSPSC-$ Cr
 $PiC\bar{H}CrPiC-$ $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}CrPIP^{\circ}PSPSC\bar{U}$ $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CHPePsPiPs$ $P \cdot P^{\circ}C\bar{I}PsP \pm Cr$ $P\bar{H}PSPsC\bar{H}Ps$
 $P \cdot P \gg P \gg C-P\bar{i}C, P^{\circ} Cr$ $PrPsP \cdot C- 55/22 PjPePi$ $C, P^{\circ} P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps$ $PSP^{\circ} 12$ $C, P\bar{e}P\bar{I}PSC-$
 $C\bar{I}C, P^{\circ}PSPsPIP\bar{e}P \gg P^{\circ} 21,9$ $C\bar{I}P_{\mu}PeCrPSP\bar{r}P\bar{e}$ $(p = 0,234)$.

$P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CHPeP\bar{e}PN_{\bar{e}}$ $P \cdot P^{\circ}C\bar{I}C-P \pm P\bar{H}PSPsC\bar{H}Ps$ $P \cdot P \gg P \gg C-P\bar{i}C, P^{\circ} Cr$ $PrPsP \cdot C- 55/22 PjPePi$
 $C, P^{\circ}PePsP\bar{I}$ $P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}Pi$ $C\bar{I}C, P^{\circ}C, P\bar{e}C\bar{I}C, P\bar{e}C\ddagger PSPs$ $P \cdot PSP^{\circ}C\ddagger CrC\%_{\circ}P_{\mu}$ $P\bar{i}PsP \gg C-P\bar{i}C\bar{e}P_{\mu}PSPSC\bar{U}$
 $PIP\bar{e}C \dots C-PrPSP\bar{e}C \dots P\bar{i}PsPeP^{\circ}P \cdot PSP\bar{e}PeC-Pi$ $PsP \pm B\bar{H}^{\text{TM}} C''PjCr$ $P \gg P_{\mu}PiP_{\mu}PSC\bar{H}$
 $P\bar{i}PsC\bar{H}C-PIPSC\bar{U}PSPs$ $P \cdot P\bar{i}P \gg P^{\circ}C\ddagger P_{\mu}P \pm Ps$. $P' P\bar{i}P_{\mu}C\bar{H}C\bar{e}PsPjCr$ $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC-$
 $PIP\bar{e}PjC-C\bar{H}C\bar{H}PIP^{\circ}PSPSC\bar{U}$ $P\bar{i}C\bar{H}PsPiPsPrP\bar{e}P \gg P\bar{e}$ $PSP^{\circ} 12-PjCr$ $C, P\bar{e}P\bar{I}PSC-$ $P\bar{i}P_{\mu}C\bar{H}P_{\mu}Pr$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}CrPIP^{\circ}PSPSC\bar{U}Pj$ $P\bar{i}C\bar{H}P_{\mu}P\bar{i}P^{\circ}C\bar{H}P^{\circ}C, Cr$ $C, P^{\circ} C\ddagger P_{\mu}C\bar{H}P_{\mu}P \cdot 3$ $PiPsPrP\bar{e}PSP\bar{e}$
 $P\bar{i}C-C\bar{I}P \gg C\bar{U}$ $C-PSPiP^{\circ}P \gg C\bar{U}C\ddagger C-C-$ $C''PjPSC-C\bar{I}C, CH$ $PIP\bar{r}P\bar{e}C \dots Cr$ $C\bar{I}C, P^{\circ}PSPsPIP\bar{e}P \gg P^{\circ}$
 $237 PjP \gg C- 316 PjP \gg PIC-PrP\bar{i}PsPIC-PrPSPs$, $P \cdot P^{\circ}P \gg P\bar{e}C\bar{e}PePsPIP\bar{e}PN_{\bar{e}}$ $PsP \pm B\bar{H}^{\text{TM}} C''Pj$
 $B\bar{H}^{\text{TM}} 466 PjP \gg C, P^{\circ} B\bar{H}^{\text{TM}} 643 PjP \gg PIC-PrP\bar{i}PsPIC-PrPSPs$ $C, P^{\circ} C, CrPSPeC\ddagger C-PsPSP^{\circ}P \gg CHPSP^{\circ}$
 $P \cdot P^{\circ}P \gg P\bar{e}C\bar{e}PePsPIP^{\circ} C''PjPSC-C\bar{I}C, CH$ $B\bar{H}^{\text{TM}} 351 PjP \gg C- B\bar{H}^{\text{TM}} 522 PjP \gg PIC-PrP\bar{i}PsPIC-PrPSPs$
 $(PIC\bar{I}C- C\bar{H} < 0,001)$. Pj $PrC\bar{H}CrPiPsPjCr$ $PrPsC\bar{I}P \gg C-PrP\bar{I}P_{\mu}PSPSC-$ $PIP\bar{e}PjC-C\bar{H}C\bar{H}PIP^{\circ}PSPSC\bar{U}$

C,P°PePsP¶ PīCḡPsPIPsPrPēP»Pē PSP° 12-PjCṛ C,PēP¶PSC- PrPs C-PSPiP°P»CḶC†C-C—
PīCḡPμPiP°CḡP°C,Cṛ C,P° C‡PμCḡPμP· 3 PiPsPrPēPSPē PīC-CḶP»CḶ C-PSPiP°P»CḶC†C-C—:
C”PjPSC-CḶC,Cḡ PIPrPēC...Cṛ CḶC,P°PSPsPIPēP»P° 198 PjP» C- 238 PjP» PIC-PrPīPsPIC-PrPSPs,
P·P°P»PēC€PePsPIPēPNē PsP±Bḡ™ C”Pj Bḡ”295 PjP» C- Bḡ”351 PjP» PIC-PrPīPsPIC-PrPSPs
C,P° C,,CṛPSPeC†C-PsPSP°P»CḡPSP° P·P°P»PēC€PePsPIP° C”PjPSC-CḶC,Cḡ Bḡ”238 PjP»
C- Bḡ”302 PjP» PIC-PrPīPsPIC-PrPSPs (PICḶC- p < 0,001*).

PṛP°CḡPjP°PePsPeC-PSPμC,PēPeP°

PḡPsP»Pē PePsPjP±C-PSP°C†C-Cḡ CṛPjPμPeP»C-PrPēPSC-CṛPjCṛ C,P° PIC-P»P°PSC,PμCḡPsP»Cṛ
PIPIPsPrPēP»Pē C-PSPiP°P»CḶC†C-PNēPSPs, C,,P°CḡPjP°PePsPeC-PSPμC,PēPeP° PePsP¶PSPsPiPs
PePsPjPīPsPSPμPSC,P° P±CṛP»P° PīPsPrC-P±PSP° C,,P°CḡPjP°PePsPeC-PSPμC,PēC†C-, C%oPs
CḶPiPsCḶC,PμCḡC-PiP°P»P°CḶCḶ PīCḡPē P·P°CḶC,PsCḶCṛPIP°PSPSC- PePsP¶PSPsC—
P°PeC,PēIPSPsC— CḡPμC‡PsPIPēPSPē PSP°CḡC-P·PSPs. PḡC,P¶Pμ, P·
C,,P°CḡPjP°PePsPeC-PSPμC,PēC‡PSPsPiPs PīPsPiP»CḶPrCṛ PePsP¶PμPS PePsPjPīPsPSPμPSC,
PjPsP¶PSP° CḡPsP·PiP»CḶPrP°C,Pē PsPeCḡPμPjPs.

PḡP±CḶPsCḡP±C†C-CḶ

PjPjPμPeP»C-PrPēPSC-CṛPj

PḡC-CḶP»CḶ PIPIPμPrPμPSPSCḶ CṛPjPμPeP»C-PrPēPSC-CṛPjCṛ Cṛ PIPēPiP»CḶPrC-
C-PSPiP°P»CḶC†C-PNē P·PrPsCḡPsPIPēPj PrPsP±CḡPsPIPsP»CḡC†CḶPj C_{max}
PrPsCḶCḶPiP°P»P°CḶCḶ C‡PμCḡPμP· 5Bḡ”15 C...PIPēP»PēPS. PḡP±CḶPsP»CḡC,PSP°
P±C-PsPrPsCḶC,CṛPīPSC-CḶC,Cḡ CṛPjPμPeP»C-PrPēPSC-CṛPjCṛ, PIPIPμPrPμPSPsPiPs Cṛ
PIPēPiP»CḶPrC- C-PSPiP°P»CḶC†C-PNē, CḶC,P°PSPsPIPēP»P° PI CḶPμCḡPμPrPSCḡPsPjCṛ 13 %
PIC-Pr PrPsP·Pē, PrPμ C‡P°CḶC,PeP°, PīPsPIBḡ™ CḶP·P°PSP° P· PīPμCḡPsCḡP°P»CḡPSPsCḡ
P°P±CḶPsCḡP±C†C-C”Cḡ, PSPμP·PSP°C‡PSP°. PḡC-CḶP»CḶ PīPsPIC,PsCḡPSPsC— PrPsP·Pē
CṛPjPμPeP»C-PrPēPSC-CṛPjCṛ, PIPIPμPrPμPSPsPiPs Cṛ PIPēPiP»CḶPrC- C-PSPiP°P»CḶC†C-PNē,
CḡC-PIPSPsPIP°P¶PSPēPNē CḶC,P°PS PrPsCḶCḶPiP°PICḶCḶ PīCḡPsC,CḶPiPsPj 7Bḡ”10 PrPSC-PI
P· 1,5Bḡ”1,8-PeCḡP°C,PSPēPj PSP°PePsPīPēC‡PμPSPSCḶPj.

P’C-P»P°PSC,PμCḡPsP»

PḡC-CḶP»CḶ PIPIPμPrPμPSPSCḶ PIC-P»P°PSC,PμCḡPsP»Cṛ Cṛ PIPēPiP»CḶPrC-
C-PSPiP°P»CḶC†C-PNē P·PrPsCḡPsPIPēPj PrPsP±CḡPsPIPsP»CḡC†CḶPj C_{max}
PrPsCḶCḶPiP°P»P°CḶCḶ C‡PμCḡPμP· 5Bḡ”15 C...PIPēP»PēPS. PḡP±CḶPsP»CḡC,PSP°
P±C-PsPrPsCḶC,CṛPīPSC-CḶC,Cḡ PIC-P»P°PSC,PμCḡPsP»Cṛ, PIPIPμPrPμPSPsPiPs Cṛ
PIPēPiP»CḶPrC- C-PSPiP°P»CḶC†C-PNē, CḶC,P°PSPsPIPēP»P° 27 %, PrPμ C‡P°CḶC,PeP°,
PīPsPIBḡ™ CḶP·P°PSP° P· PīPμCḡPsCḡP°P»CḡPSPsCḡ P°P±CḶPsCḡP±C†C-C”Cḡ,
PSPμP·PSP°C‡PSP°. PḡC-CḶP»CḶ PīPsPIC,PsCḡPSPsC— PrPsP·Pē PIC-P»P°PSC,PμCḡPsP»Cṛ,
PIPIPμPrPμPSPsPiPs Cṛ PIPēPiP»CḶPrC- C-PSPiP°P»CḶC†C-PNē, CḡC-PIPSPsPIP°P¶PSPēPNē
CḶC,P°PS PrPsCḶCḶPiP°PICḶCḶ PīCḡPsC,CḶPiPsPj 6 PrPSC-PI P· 2,4-PeCḡP°C,PSPēPj
PSP°PePsPīPēC‡PμPSPSCḶPj.

P PsP·PīPsPrC-P»

PjPjPμPeP»C-PrPēPSC-CṛPj

PḡC-CḶP»CḶ PIPSCṛC,CḡC-C€PSCḡPsPIPμPSPSPsPiPs PIPIPμPrPμPSPSCḶ P·PrPsCḡPsPIPēPj

PrPsP±C₇PsPIPsP»CHC†C₁Pj C₁P_μC₇P_μPrPSC-PN₂ PsP±B₇TMC^{''}Pj C₇PsP·P_iPsPrC-P»C₁
C₁C, P°PSPsPIPēPI 86 P»C-C, C₇C-PI. *In vitro* P·PIB₇TMC₁P·C₁PIP°PSPSC₁ P· P±C-P»PeP°PjPē
P_iP»P°P·PjPē PeC₇PsPIC- P»C₇PrPēPSPē C₁C, P°PSPsPIPēP»Ps PI C₁P_μC₇P_μPrPSC₇PsPjC₁ 89 %.

P'C-P»P°PSC, P_μC₇PsP»

P_μC-C₁P»C₁ PIPSC₁C, C₇C-C€PSC₇PsPIP_μPSPSPsPiPs PIP_μPrP_μPSPSC₁ P·PrPsC₇PsPIPēPj
PrPsP±C₇PsPIPsP»CHC†C₁Pj C₁P_μC₇P_μPrPSC-PN₂ PsP±B₇TMC^{''}Pj C₇PsP·P_iPsPrC-P»C₁ PI
C₇C-PIPSsPIP°P¶PSPsPjC₁ C₁C, P°PSC- C₁C, P°PSPsPIPēPI 165 P»C-C, C₇C-PI. *In vitro*
P·PIB₇TMC₁P·C₁PIP°PSPSC₁ P· P±C-P»PeP°PjPē P_iP»P°P·PjPē PeC₇PsPIC- P»C₇PrPēPSPē
C₁C, P°PSPsPIPēP»Ps PI C₁P_μC₇P_μPrPSC₇PsPjC₁ 94 %.

P'C-PsC, C₇P°PSC₁C, PsC₇PjP°C†C-C₁

PjPjP_μPeP»C-PrPēPSC-C₁Pj

P^{''}PsC₁P»C-PrP¶P_μPSPSC₁ C-*n vitro* P_iPsPeP°P·P°P»Pē, C%₀Ps C₁PjP_μPeP»C-PrPēPSC-C₁Pj
PiPsP»PsPIPSpēPj C†PēPSPsPj PjP_μC, P°P±PsP»C-P·C₁C^{''}C, CHC₁C₁ C†PēC, PsC...C₇PsPjPsPj P450
2D6 (CYP2D6) C- C^{''} C₁C₁P±C₁C, C₇P°C, PsPj PrP»C₁ P_iP_μC₇P_μPSPsC₁PSPēPeP° P -
PiP»C-PePsPiC₇PsC, P_μC—PSC₁ (P-gp). P_μP_μC₇PIPēPSPSC- PjP_μC, P°P±PsP»C-C†PSC-
C€P»C₁C...Pē PrP»C₁ C₁PjP_μPeP»C-PrPēPSC-C₁PjC₁ C^{''} PsPePēC₁PSPēPjPē
(PiC-PrC₇PsPeC₁PēP»C₇PIP°PSPSC₁, Ph-PrP_μP°P»PeC-P»C₁PIP°PSPSC₁) P·
P_iPsPrP°P»CHC€PsC₇ PePsPSB₇TMC₇PiP°C†C-C^{''}C₇ (PiP»C₇PeC₁C₇PsPSC-P·P°C†C-C₁
C, PsC%₀Ps), C%₀Ps C₁PiC₇PēC†PēPSC₁C^{''} C₁C, PIPsC₇P_μPSPSC₁ PSPēP·PePē
PjP_μC, P°P±PsP»C-C, C-PI P°P±Ps P·C- P·PSPēP¶P_μPSPsC₇ C, P°C₇PjP°PePsP»PsPiC-C†PSPsC₇
P°PeC, PēPIPS- C₁C, C₇, P°P±Ps P· PSP_μPIC₁C, P°PSPsPIP»P_μPSPsC₇
C, P°C₇PjP°PePsP»PsPiC-C†PSPsC₇ P°PeC, PēPIPS- C₁C, C₇. P₇PēC₁C, P_μPjPSPēPN₂ PIP_iP»PēPI
PjP_μC, P°P±PsP»C-C, C-PI C^{''} PSPēP·CHPePēPj.

P'C-P»P°PSC, P_μC₇PsP»

P^{''}PsC₁P»C-PrP¶P_μPSPSC₁ C-*n vitro* P_iPsPeP°P·P°P»Pē, C%₀Ps PIC-P»P°PSC, P_μC₇PsP»
PiPsP»PsPIPSpēPj C†PēPSPsPj PjP_μC, P°P±PsP»C-P·C₁C^{''}C, CHC₁C₁ C†PēC, PsC...C₇PsPjPsPj P 450
3P₄ (CYP3A4) C- C^{''} C₁C₁P±C₁C, C₇P°C, PsPj PrP»C₁ P_iP_μC₇P_μPSPsC₁PSPēPeP° P-gp.
PhC₁PSPsPIPSpēPjPē PjP_μC, P°P±PsP»C-C†PSPēPjPē C€P»C₁C...P°PjPē PrP»C₁
PIC-P»P°PSC, P_μC₇PsP»C₁ C^{''} Ph-PrP_μP°P»PeC-P»C₁PIP°PSPSC₁ P· P_iPsPrP°P»CHC€PēPj
C₁C, PIPsC₇P_μPSPSC₁Pj C₇C₁PrC₁ PjP_μC, P°P±PsP»C-C, C-PI P·C- P·PSP°C†PSPs
P·PjP_μPSC€P_μPSPsC₇ P°PeC, PēPIPS- C₁C, C₇ C%₀PsPrPs P±P_μC, P°₁- C- P±P_μC, P°₂-
P°PrC₇P_μPSPsC₇P_μC†P_μPiC, PsC₇C-PI. P_μP»P°P·PjPsPIPēPN₂ PjP_μC, P°P±PsP»C-C†PSPēPN₂
PiC₇PsC, C-P»CH PiC-C₁P»C₁ P_iP_μC₇PsC₇P°P»CHPSPsPiPs P·P°C₁C, PsC₁C₁PIP°PSPSC₁
PIC-P»P°PSC, P_μC₇PsP»C₁ PI C₇P°PrC-PsC-P·PsC, PsP_iPSPsPjC₁ PrPsC₁P»C-PrP¶P_μPSPSC- C₁
P»C₇PrPēPSPē PIC-PrP_iPsPIC-PrP°C^{''} PIPēC₁PsPePsPjC₁ PjP_μC, P°P±PsP»C-P·PjC₁
P_iP_μC₇C€PsPiPs PiC₇PsC...PsPrP¶P_μPSPSC₁. P₇PēC₁C, P_μPjPSPēPN₂ PIP_iP»PēPI
PjP_μC, P°P±PsP»C-C, C-PI C^{''} PSPēP·CHPePēPj.

P'PēPIP_μPrP_μPSPSC₁

PjPjP_μPeP»C-PrPēPSC-C₁Pj

P_μP»P°P·PjPsPIPēPN₂ PeP»C-C₇P_μPSC₁ PiC-C₁P»C₁ PIPSC₁C, C₇C-C€PSC₇PsPIP_μPSPSPsPiPs
PIP_μPrP_μPSPSC₁ C₁C, P°PSPsPIPēPI 151 P»C-C, C₇/PiPsPrPēPSC₁. P_μC-C₁P»C₁
PIPSC₁C, C₇C-C€PSC₇PsPIP_μPSPSPsPiPs PIP_μPrP_μPSPSC₁ PiC₇PēP±P»PēP·PSPs 58 %

PIPIPμPrPμPSPsC— PjC-C†PμPSPsC— PrPsP·Pë (P°P±Ps 73 % PIPëCΠIP»PμPSPsC—
 CḡP°PrC-PsP°PeC,PëPIPSsC†C,C-) PIPëPIPsPrPëP»PëC†CΠ P· PsCḡPiP°PSC-P·PjC† P·
 C„PμPeP°P»C-CΠPjPë C†PμCḡPμP· 192 PiPsPrPëPSPë PïC-C†P»CΠ PIPIPμPrPμPSPSCΠ PrPsP·Pë.
 P†P· C†PμC†PμCḡ PIPëPIPsPrPëC,CḡC†CΠ 22 % PIPIPμPrPμPSPsC— PjC-C†PμPSPsC— PrPsP·Pë
 C†PμCḡPμP· 168 PiPsPrPëPS (27 % PIPëCΠIP»PμPSPsC— CḡP°PrC-PsP°PeC,PëPIPSsC†C,C-).
 P°PëPIPμPrPμPSPSCΠ CḡPμC†PsPIPëPSPë, PïPsPIBḡ™ CΠP·P°PSPsC— P· P»C-PeP°CḡC†CḡPePëPj
 P·P°C†PsP±PsPj, P· C„PμPeP°P»C-CΠPjPë PïC-C†P»CΠ PIPSC†C,CḡC-CëPSCḡPsPIPμPSPSPsPiPs
 PIPIPμPrPμPSPSCΠ C†PIC-PrC†PëC,Cḡ PïCḡPs C†PμPeCḡPμC†C-Cḡ C† P¶PsPIC†. Pj CḡP°P·C-
 PïPμCḡPsCḡP°P»CḡPSPsPiPs P·P°C†C,PsC†C†PIP°PSPSCΠ C† P·PrPsCḡPsPIPëC...
 C†PsP»PsPIC-PeC-PI-PrPsP±CḡPsPIPsP»CḡC†C-PI P·P°PiP°P»CḡPSP°
 CḡP°PrC-PsP°PeC,PëPIPSC-C†C,Cḡ PIPëPIPsPrPëP»P°C†CΠ P· PsCḡPiP°PSC-P·PjC†
 PïPμCḡPμPIP°P¶PSPs P· C„PμPeP°P»C-CΠPjPë (92 % PIPIPμPrPμPSPsC— PjC-C†PμPSPsC—
 PrPsP·Pë P°P±Ps 99 % PIPëCΠIP»PμPSPsC— CḡP°PrC-PsP°PeC,PëPIPSsC†C,C-) C†PμCḡPμP·
 168 PiPsPrPëPS PïC-C†P»CΠ PïCḡPëPμPsPjC† PrPsP·Pë. PḡPμPSCëPμ 1 %
 PïPμCḡPsCḡP°P»CḡPSPs PIPIPμPrPμPSPsC— PrPsP·Pë (1 % PIPëCΠIP»PμPSPsC—
 CḡP°PrC-PsP°PeC,PëPIPSsC†C,C-) PIPëPIPsPrPëP»PsC†CΠ P· PsCḡPiP°PSC-P·PjC† C-P·
 C†PμC†PμCḡ, C°Ps C†PIC-PrC†PëC,Cḡ PïCḡPs PSPμP·PSP°C†PSC† P°P±C†PsCḡP±C†C-Cḡ
 PïC-C†P»CΠ PïPμCḡPsCḡP°P»CḡPSPsPiPs P·P°C†C,PsC†C†PIP°PSPSCΠ. PμPμCḡC-PsPr
 PSP°PïC-PIPIPëPIPμPrPμPSPSCΠ C†PjPμPeP»C-PrPëPSC-C†PjC† PïC-C†P»CΠ PIPIPμPrPμPSPSCΠ
 C† PIPëPiP»CΠPrC- C-PSPiP°P»CΠC†C-C— PïCḡPsC,CΠPiPsPj 10 PrPSC-PI C†C,P°PSPsPIPëPI C†
 C†PμCḡPμPrPSCḡPsPjC† 19 PiPsPrPëPS C† P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CḡC†C-PI,
 PïCḡPëC†PsPjC† 3Bḡ“4 % PIPëPIPsPrPëP»PsC†CΠ P· PsCḡPiP°PSC-P·PjC† C†
 PSPμP·PjC-PSPμPSPsPjC† PIPëPiP»CΠPrC- C-P· C†PμC†PμCḡ C† CḡC-PIPSsPIP°P¶PSPsPjC†
 C†C,P°PSC-.

P°C-P»P°PSC,PμCḡPsP»

PμP»P°P·PjPsPIPëPμ PeP»C-CḡPμPSC† PIC-P»P°PSC,PμCḡPsP»C† PïC-C†P»CΠ
 PIPSC†C,CḡC-CëPSCḡPsPIPμPSPSPsPiPs PIPIPμPrPμPSPSCΠ C†C,P°PSPsPIPëPI
 108 P»C-C,CḡC-PI/PiPsPrPëPSC†. PμC-C†P»CΠ PïPμCḡPsCḡP°P»CḡPSPsPiPs
 PIPIPμPrPμPSPSCΠ PjC-C†PμPSPsPiPs PIC-P»P°PSC,PμCḡPsP»C† P±C†P»Ps PIPëCΠIP»PμPSPs
 70 % PjC-C†PμPSPsC— PrPsP·Pë C† C†PμC†C- C- 30 % Bḡ” C† C„PμPeP°P»C-CΠC....
 PμPμCḡPIPëPSPSPëPj PIPëPIPμPrPμPSPSCΠPj PIC-P»P°PSC,PμCḡPsP»C† C”
 PjPμC,P°P±PsP»C-P·Pj C-P· PSP°C†C,C†PïPSPëPj PIPëPrC-P»PμPSPSCΠPj
 PjPμC,P°P±PsP»C-C,C-PI C-P· C†PμC†PμCḡ C- C„PμPeP°P»C-CΠPjPë. PμPμCḡC-PsPr
 PSP°PïC-PIPIPëPIPμPrPμPSPSCΠ PIC-P»P°PSC,PμCḡPsP»C† PïC-C†P»CΠ
 PIPIPμPrPμPSPSCΠ C† PIPëPiP»CΠPrC- C-PSPiP°P»CΠC†C-C— PïCḡPsC,CΠPiPsPj 10
 PrPSC-PI C†C,P°PSPsPIPëPI C† C†PμCḡPμPrPSCḡPsPjC† 11 PiPsPrPëPS.

PḡC†PsP±P»PëPIC- PïCḡC†PïPë PïP°C†C-C”PSC,C-PI B

PμP°C†C-C”PSC,Pë P»C-C,PSCḡPsPiPs PIC-PeCé (> 65 CḡPsPeC-PI).
 PμP°CḡPjP°PePsPeC-PSPμC,PëC†PSPëPμ P°PSP°P»C-P· PïPsPïC†P»CΠC†C-C— PïPsPeP°P·P°PI,
 C°Ps C„P°CḡPjP°PePsPeC-PSPμC,PëPeP° C†PjPμPeP»C-PrPëPSC-C†PjC† C-
 PIC-P»P°PSC,PμCḡPsP»C† P±C†P»P° C†C...PsP¶P° C† PïP°C†C-C”PSC,C-PI P· P¶PḡP—P>
 PIC-PePsPj PIC-Pr 65 CḡPsPeC-PI C- PïP°C†C-C”PSC,C-PI PIC-PePsPj PrPs 65 CḡPsPeC-PI.

PμPsCḡCéCëPμPSPSCΠ C„CéPSPeC†C-C— PSPëCḡPsPe. Pj PïP°C†C-C”PSC,C-PI P·
 C,CΠP¶PePsCḡ PSPëCḡPePsPIPsCḡ PSPμPrPsC†C,P°C,PSC-C†C,Cḡ PSPμ P±C†P»Ps
 PIPëCΠIP»PμPSPs P¶PsPrPSPëC... PsP·PSP°Pe P·P±C-P»CḡCëPμPSPSCΠ
 C†PëC†C,PμPjPSPsPiPs PIP°P»PëPIC† C†PjPμPeP»C-PrPëPSC-C†PjC† P°P±Ps

PIC-P»P°PSC,PµCḡPsP»Ć (C_{max} C- AUC) PĭC-ĆP»Cĭ PĭPĭPµPrPµPSPSCĭ
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ/PIC-P»P°PSC,PµCḡPsP»Ć, PrPµ PrPsP·P°
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ PĭPµCḡPµPIPëC%oĆPIP°P»P° CḡPµPePsPjPµPSPPrPsPIP°PSĆ
PrPsP·Ć Ć PrPIP° CḡP°P·Pë, P° PrPsP·P° PIC-P»P°PSC,PµCḡPsP»Ć PIC-PrPĭPsPIC-PrP°P»P°
CḡPµPePsPjPµPSPPrPsPIP°PSC-PNḡ PrPsP·C-. P—PIbḡ™ CĭP·ĆPIP°PSPSCĭ P· P±C-P»PeP°PjPë
PĭP»P°P·PjPë P·P°P»PëCëP°P»PsĆCĭ PSPµP·PjC-PSPSPëPj PĭPsCḡC-PIPSCĭPSPs P·C-
P·PrPsCḡPsPIPëPjPë PrPsP±CḡPsPIPpsP»CHC†CĭPjPë.

PµPsCḡCáCëPµPSPSCĭ C„CáPSPëC†C-C— PĭPµC†C-PSPëPë. Pj PĭP°C†C-C”PSC,C-PI P·
PĭPsPjC-CḡPSPëPjPë PĭPsCḡĆCëPµPSPSCĭPjPë C„ĆPSPëC†C-C— PĭPµC†C-PSPëPë (PeP»P°Ć B
P·P° PeP»P°ĆPëC„C-PeP°C†C-C”Cḡ PḡP°PNḡP»PrP° Bḡ” PµBḡ™ Cḡ) PSPµ
ĆPĭPsĆC,PµCḡC-PiP°P»PsĆCĭ P¶PsPrPSPëC... PsP·PSP°Pe P·P±C-P»CHCëPµPSPSCĭ
ĆPëĆC,PµPjPSPsPiPs PĭP»PëPIĆ ĆPjPµPeP»C-PrPëPSC-ĆPjĆ P°P±Ps
PIC-P»P°PSC,PµCḡPsP»Ć (C_{max} C- AUC) PĭC-ĆP»Cĭ PĭPĭPµPrPµPSPSCĭ
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ/PIC-P»P°PSC,PµCḡPsP»Ć, PrPµ PrPsP·P°
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ PĭPµCḡPµPIPëC%oĆPIP°P»P° CḡPµPePsPjPµPSPPrPsPIP°PSĆ
PrPsP·Ć Ć PrPIP° CḡP°P·Pë, P° PrPsP·P° PIC-P»P°PSC,PµCḡPsP»Ć PIC-PrPĭPsPIC-PrP°P»P°
CḡPµPePsPjPµPSPPrPsPIP°PSC-PNḡ PrPsP·C-. P—PIbḡ™ CĭP·ĆPIP°PSPSCĭ P· P±C-P»PeP°PjPë
PĭP»P°P·PjPë P·P°P»PëCëP°P»PsĆCĭ PSPµP·PjC-PSPSPëPj PĭPsCḡC-PIPSCĭPSPs P·C-
P·PrPsCḡPsPIPëPjPë PrPsP±CḡPsPIPpsP»CHC†CĭPjPë. P—P°ĆC,PsĆĆPIP°PSPSCĭ
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ/PIC-P»P°PSC,PµCḡPsP»Ć PSPµ PsC†C-PSCḡPIP°P»Pë Ć
PĭP°C†C-C”PSC,C-PI P· C,CĭP¶PePsCḡ PĭPµC†C-PSPëPsPIPpsCḡ PSPµPrPsĆC,P°C,PSC-ĆC,Cḡ.

P†PSCëC- PsĆPsP±P»PëPIC- PiCḡCáPĭPë B

PαP°CḡPjP°PePsPeC-PSPµC,PëC†PSPëPNḡ P°PSP°P»C-P· PĭPsPĭĆP»CĭC†C-C— PĭPsPeP°P·P°PI,
C%oPs PSPµ PĭPsC,CḡC-P±PSPs P¶PsPrPSPsPiPs PePsCḡPëPĭĆPIP°PSPSCĭ PrPsP·Pë
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ P°P±Ps PIC-P»P°PSC,PµCḡPsP»Ć P·P°P»PµP¶PSPs PIC-Pr
PIC-PeĆ, CḡP°ĆPë, ĆC,P°C,C-, PĭPëPePsCḡPëĆC,P°PSPSCĭ C-PSPiP°P»CĭC†C-PNḡPSPëC...
PePsCḡC,PëPePsĆC,PµCḡPsC—PrC-PI P°P±Ps PjP°ĆPë C,C-P»P° PĭP°C†C-C”PSC,P°.
P”PsĆP»C-PrP¶PµPSPSCĭ, PĭCḡPsPIPµPrPµPSPµ Ć PĭPsPIC-P»CHPSPëC...
PjPµC,P°P±PsP»C-P·P°C,PsCḡC-PI CYP2D6, PSPµ PĭPëCĭPIPëP»Ps P¶PsPrPSPëC... PsP·PSP°Pe
PeP»C-PSC-C†PSPs P·PSP°C†ĆC%oPsPiPs PµC„PµPeC,Ć PĭPµPSPµC,PëC†PSPsPiPs
PĭPsP»C-PjPsCḡC„C-P·PjĆ CYP2D6 C%oPsPrPs ĆPëĆC,PµPjPSPsPiPs PĭP»PëPIĆ
ĆPjPµPeP»C-PrPëPSC-ĆPjĆ. B

РљР»С-РSC-С†РSC- С...Р°СḡР°РëС,РµСḡРëĆС,РëРëРë

РµРsРëР°Р·Р°РSPSCĭ. P”P»Cĭ PĭC-PrC,CḡPëPjĆCḡC†PsC—
P±CḡPsPSC...PsP»C-C,PëC†PSPsC— C,PµCḡP°PĭC— P· PjPµC,PsCḡ PĭPsP»PµPiCëPµPSPSCĭ
ĆPëPjPĭC,PsPjC-PI Ć PrPsCḡPsĆP»PëC... PĭP°C†C-C”PSC,C-PI P· C...CḡPsPSC-C†PSPëPj
PsP±ĆC,CḡĆPeC,PëPIPSPëPj P·P°C...PIPсCḡCḡPIP°PSPSCĭPj P»PµPiPµPSCḡ (PḡPhP—P·).

РµСḡРsС,РëРĭРsРëР°Р·Р°РSPSCĭ. PµC-PrPIPëC%oPµPSP° C†ĆC,P»PëPIC-ĆC,Cḡ PrPs
P°PeC,PëPIPSPëC... CḡPµC†PsPIPëPS P°P±Ps PrPs P±ĆPrCḡ-CĭPePsC— P·
PrPsPĭPsPjC-P¶PSPëC... CḡPµC†PsPIPëPS.

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

PĤP»C-PSC-C†PSPs P·PSP°C†CíC%oC- PIP·P°C" PjPsPrC-C— P· C-PSC€PëPjPë
P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, CIIPeC- P·P°CÍC,PsCÍPsPICrCĤC,CH
PsPrPSPSc†P°CÍPSPs, PIPiP°P¶P°CĤC,CHCÍC CI PjP°P»PsPNëPjPsPIC-CĤPSPëPjPë P·
PsPiP»CIIPrC† PSP° PSPëP·CHPeC- PePsPSC†PµPSC,CĤP°C†C-C—
C†PjPµPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PµCĤPsP»C† PI PiP»P°P·PjC- PeCĤPsPIC-
PiC-C†P»CI C-PSPiP°P»CIIC†C-PNëPSPSc— PrPsP·Pë.

P'PµC,P°-P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤPë

P>C-PeP°CĤCÍCHPeC- P·P°CÍPsP±Pë, C%oPs PjC-CÍC,CICI,CH P±PµC,P°-
P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤPë, PjPsP¶C†C,CH PiPsCÍP»P°P±PëC,Pë P°P±Ps
P°PSC,P°PiPsPSC-P·C†PIP°C,Pë PµC,,PµPeC, P±PµC,P°₂-P°PrCĤPµPSPµCĤPiC-C†PSPëC...
P°PiPsPSC-CÍC,C-PI, C,P°PePëC... CIIPe PIC-P»P°PSC,PµCĤPsP». PŸP»C-Pr C†PSPëPeP°C,Pë
PsPrPSPSc†P°CÍPSPsPiPs P·P°CÍC,PsCÍC†PIP°PSPSC CIIPe PSPµCÍPµP»PµPeC,PëPIPSPëC...,
C,P°Pe C- C†PµP»PµPeC,PëPIPSPëC... P±PµC,P°-P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤC-PI,
CIIPeC%oPs C,C-P»CHPePë PSPµPjP°C" PIP°PiPsPjPëC... PiCĤPëC†PëPS PrP»CI C—C...
P·P°CÍC,PsCÍC†PIP°PSPSC CI.

P'P·P°C" PjPsPrC-C— PSP° PsCÍPSPsPIC- PjPµC,P°P±PsP»C-P·PjCž C- C,CĤP°PSCÍPiPsCĤC,CžPIP°PSPSC CI

P'C-P»P°PSC,PµCĤPsP» C" CÍC†P±CÍC,CĤP°C,PsPj C†PëC,PsC...CĤPsPjC† P450 3A4 (CYP3A4).
PhPrPSPSc†P°CÍPSPµ P·P°CÍC,PsCÍC†PIP°PSPSC CI C†PëP»CHPSPsPrC-CĤC†PëC...
C-PSPiC-P±C-C,PsCĤC-PI CYP3A4 (C,P°PePëC... CIIPe PePµC,PsPePsPSP°P·PsP»,
PeP»P°CĤPëC,CĤPsPjC-C†PëPS, C-C,CĤP°PePsPSP°P·PsP», CĤPëC,PsPSP°PIC-CĤ,
C,PµP»C-C,CĤPsPjC-C†PëPS) PjPsP¶Pµ PiCĤPëPiPSC-C†C†PIP°C,Pë PjPµC,P°P±PsP»C-P·Pj C-
P·P±C-P»CHC€C†PIP°C,Pë C†PëCÍC,PµPjPSPëPNë PIPiP»PëPI PIC-P»P°PSC,PµCĤPsP»C†.
PhPrPSPSc†P°CÍPSPµ P·P°CÍC,PsCÍC†PIP°PSPSC P· PePµC,PsPePsPSP°P·PsP»PsPj (400 PjPi) C†
P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPSP»CHC†C-PI P·P±C-P»CHC€C†PIP°P»Ps C†PµCĤPµPrPSC-
PiPsPeP°P·PSPëPePë AUC_(0BĤ"t) C- C_{max} PIC-P»P°PSC,PµCĤPsP»C† PSP° 65 % C- 22 %
PIC-PrPiPsPIC-PrPSPs. PµPsCÍPëP»PµPSPSC PrC-C— PIC-P»P°PSC,PµCĤPsP»C† PSPµ
P°CÍPsC†C-CĤHIP°P»PsCÍC CI P·C- P·P±C-P»CHC€PµPSPSC IPj C†PëCÍC,PµPjPSPëC...
PIPiP»PëPIC-PI, PiPsPIBĤ™ CIIP·P°PSPëC... C-P· P±PµC,P°-
P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤP°PjPë, PSPµ PIPiP»PëPIP°P»Ps PSP° C†P°CÍC,PsC,C†
C†PµCĤC†PµPIPëC... C†PePsCĤPsC†PµPSCĤ, CĤC-PIPµPSCĤ PeP°P»C-CĤ C† PeCĤPsPIC-
P°P±Ps C-PSC,PµCĤHIP°P» QT (C†PePsCĤPëPiPsPIP°PSPëPNë P·P° C,,PsCĤPjC†P»PsCĤ
PαCĤPµPrPµCĤC-PeP°). PŸP»C-Pr P±C†C,Pë PsP±PµCĤPµP¶PSPëPj PiCĤPë
PsPrPSPSc†P°CÍPSPsPjC† P·P°CÍC,PsCÍC†PIP°PSPSC-
C†PjPµPeP»C-PrPëPSC-C†PjC†/PIC-P»P°PSC,PµCĤPsP»C† P· PePµC,PsPePsPSP°P·PsP»PsPj C,P°
C-PSC€PëPjPë PIC-PrPsPjPëPjPë C†PëP»CHPSPsPrC-CĤC†PëPjPë C-PSPiC-P±C-C,PsCĤP°PjPë
CYP3A4, PsCÍPeC-P»CHPePë C" PiPsC,PµPSC†C-P°P» PrP»CI P·P±C-P»CHC€PµPSPSC CI
C†PëCÍC,PµPjPSPsPiPs PIPiP»PëPIC† PIC-P»P°PSC,PµCĤPsP»C†, C%oPs PjPsP¶Pµ
PiC-PrPIPëC%oPëC,Pë CĤPëP·PëPe CĤPsP·PIPëC,PeC† PSPµP±P°P¶P°PSPëC... CĤPµP°PeC†C-PNë.
P'PµCĤP°PiP°PjC-P», PiPsPjC-CĤPSPëPNë C-PSPiC-P±C-C,PsCĤ CYP3A4, C-CÍC,PsC,PSPs PSPµ
PIPiP»PëPIP°C" PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeC† PIC-P»P°PSC,PµCĤPsP»C†.

PjPjPµPeP»C-PrPëPSC-C†Pj C" CÍC†P±CÍC,CĤP°C,PsPj C†PëC,PsC...CĤPsPjC† P450 2D6
(CYP2D6). PαP°CĤPjP°PePsPeC-PSPµC,PëPeC† C†PjPµPeP»C-PrPëPSC-C†PjC† C†
CĤC-PIPSPIPIP°P¶PSPsPjC† CÍC,P°PSC- PsC†C-PSCĤHIP°P»Pë C† P·PrPsCĤPsPIPëC...

PrPsP±C₇PsPIPsP»CHC†C-PI, C₁PeC- PjP°CHC,CH PrP_μC,,C-C†PëC, CYP2D6
(PiPsPIC-P»CHPSC- PjP_μC,P°P±PsP»C-P·P°C,PsC₇Pë). PkP_μ C₁PiPsC₁C,P_μC₇C-PiP°P»PsC₁C₁
P¶PsPrPSPsPiPs PIPiP»PëPICr PSP° AUC P°P±Ps C_{max} CrPjP_μPeP»C-PrPëPSC-CrPjCr PiC₇Pë
PrPsP·C-, C%Ps PiP_μC₇P_μPIPëC%CrC” PSPsC₇PjCr Cr 8 C₇P°P·C-PI. P_μC₇PëP±P»PëP·PSPs 1,3-
PeC₇P°C,PSP_μ P·P±C-P»CHC€P_μPSPSC₁ AUC CrPjP_μPeP»C-PrPëPSC-CrPjCr
C₁PiPsC₁C,P_μC₇C-PiP°P»PsC₁C₁ PiC₇Pë PrPsP·C-, C%Ps PiP_μC₇P_μPIPëC%CrC” PSPsC₇PjCr
Cr 16 C₇P°P·C-PI, P±P_μP· PIPiP»PëPICr PSP° C_{max} CrPjP_μPeP»C-PrPëPSC-CrPjCr. P—
PsPiP»C₁PrCr PSP° PIP_μP»PëC†PëPSCr C†PëC... P·PjC-PS PSP_μ PsC†C-PeCrC”C,CHC₁C₁
PeP»C-PSC-C†PSPs P·PSP°C†CrC%PëC... P»C-PeP°C₇C₁CHPePëC... PIP·P°C”PjPsPrC-PNë PiC₇Pë
PsPrPSPsC†P°C₁PSPsPjCr PIPiP_μPrP_μPSPSC-
CrPjP_μPeP»C-PrPëPSC-CrPjCr/PIC-P»P°PSC,P_μC₇PsP»Cr P· C-PSPiC-P±C-C,PsC₇P°PjPë CYP2D6
P°P±Ps PiC₇Pë PIPiP_μPrP_μPSPSC- PiP°C†C-C”PSC,P°Pj P· PiP_μPSP_μC,PëC†PSPs
PrP_μC,,C-C†PëC,PSPsC₇ P°PeC,PëPIPSC-C₁C,C₇ CYP2D6 (PiPsPIC-P»CHPSC-
PjP_μC,P°P±PsP»C-P·P°C,PsC₇Pë).

PiPe CrPjP_μPeP»C-PrPëPSC-CrPj, C,P°Pe C- PIC-P»P°PSC,P_μC₇PsP» C”
C₁CrP±C₁C,C₇P°C,P°PjPë PiP_μC₇P_μPSPsC₁PSPëPeP° P -PiP»C-PePsPiC₇PsC,P_μC—PSCr (P-gp).
P’PiP»PëPI PiPsPjC-C₇PSPsPiPs P-gp C-PSPiC-P±C-C,PsC₇Cr PIP_μC₇P°PiP°PjC-P»Cr (240 PjPi
PsPrPëPS C₇P°P· PSP° PrPsP±Cr) PSP° C,,P°C₇PjP°PePsPeC-PSP_μC,PëPeCr
CrPjP_μPeP»C-PrPëPSC-CrPjCr C- PIC-P»P°PSC,P_μC₇PsP»Cr Cr C₇C-PIPSsPIP°P¶PSPsPjCr
C₁C,P°PSC- PsC†C-PSC₇PIP°P»Pë Cr P·PrPsC₇PsPIPëC... PrPsP±C₇PsPIPsP»CHC†C-PI. PkP_μ
P±CrP»Ps PIC-PrPjC-C†P_μPSPs P±CrPrCH-C₁PePsPiPs PIPiP»PëPICr PIP_μC₇P°PiP°PjC-P»Cr
PSP° C_{max} CrPjP_μPeP»C-PrPëPSC-CrPjCr P°P±Ps PIC-P»P°PSC,P_μC₇PsP»Cr.
PÿPiPsC₁C,P_μC₇C-PiP°P»PsC₁C₁ PiC₇PëP±P»PëP·PSPs 1,4-PeC₇P°C,PSP_μ
P·P±C-P»CHC€P_μPSPSC₁ AUC CrPjP_μPeP»C-PrPëPSC-CrPjCr P·P° PIC-PrC₁CrC,PSPsC₁C,C-
PIPiP»PëPICr PSP° AUC PIC-P»P°PSC,P_μC₇PsP»Cr. P— PsPiP»C₁PrCr PSP° PIP_μP»PëC†PëPSCr
C†PëC... P·PjC-PS PSP_μ PsC†C-PeCrC”C,CHC₁C₁ PeP»C-PSC-C†PSPs P·PSP°C†CrC%PëC...
P»C-PeP°C₇C₁CHPePëC... PIP·P°C”PjPsPrC-PNë PiC₇Pë PsPrPSPsC†P°C₁PSPsPjCr
PIPiP_μPrP_μPSPSC- CrPjP_μPeP»C-PrPëPSC-CrPjCr/PIC-P»P°PSC,P_μC₇PsP»Cr P·
C-PSPiC-P±C-C,PsC₇P°PjPë P-gp.

P†PSC€C- P°PSC,PëPjCáC₁PeP°C₇PëPSPsPIC- P·P°C₁PsP±Pë C- C₁PëPjPiP°C,PsPjC-PjP_μC,PëPePë

PkPrPSPsC†P°C₁PSP_μ P·P°C₁C,PsC₁CrPIP°PSPSC₁
CrPjP_μPeP»C-PrPëPSC-CrPjCr/PIC-P»P°PSC,P_μC₇PsP»Cr P· C-PSC€PëPjPë
PjCrC₁PeP°C₇PëPSPsPIPëPjPë P°PSC,P°PiPsPSC-C₁C,P°PjPë C,C₇PëPIP°P»PsC— PrC-C—,
P±P_μC,P°₂-P°PrC₇P_μPSP_μC₇PiC-C†PSPëPjPë P°PiPsPSC-C₁C,P°PjPë C,C₇PëPIP°P»PsC— PrC-C—
P°P±Ps P»C-PeP°C₇C₁CHPePëPjPë P·P°C₁PsP±P°PjPë, C%Ps PjC-C₁C,C₁C,CH P±CrPrCH-
C₁PePëPNë P· C†PëC... P·P°C₁PsP±C-PI, PSP_μ PrPsC₁P»C-PrP¶CrPIP°P»Pë. PÿP°PeP_μ
P·P°C₁C,PsC₁CrPIP°PSPSC₁ PSP_μ C₇P_μPePsPjP_μPSPrC₁C”C,CHC₁C₁, PsC₁PeC-P»CHPePë C†P_μ
PjPsP¶P_μ PiPsC₁PëP»PëC,Pë PIC-PrPsPjC- PiPsP±C-C†PSC- C₇P_μP°PeC†C-C—
C-PSPiP°P»C₁C†C-PNëPSPëC... PjCrC₁PeP°C₇PëPSPsPIPëC... P°PSC,P°PiPsPSC-C₁C,C-PI P°P±Ps
P±P_μC,P°₂-P°PrC₇P_μPSP_μC₇PiC-C†PSPëC... P°PiPsPSC-C₁C,C-PI (PrPëPI. C₇PsP·PrC-P»Pë
B«PkC₁PsP±P»PëPIPsC₁C,C- P·P°C₁C,PsC₁CrPIP°PSPSC₁B» C,P°
B«P_μP_μC₇P_μPrPsP·CrPIP°PSPSC₁B»).

P”C-PiPsPeP°P»C-C”PjC-C₁

PÿCrPiCrC,PSC” PiC-PiPsPeP°P»C-C”PjC-C†PSP_μ P»C-PeCrPIP°PSPSC₁ C-P·
P·P°C₁C,PsC₁CrPIP°PSPSC₁Pj PiPsC...C-PrPSPëC... PjP_μC,PëP»PeC₁P°PSC,PëPSCr,
C₁C,P_μC₇PsC—PrC-PI P°P±Ps PSP_μPeP°P»C-PNëP·P±P_μC₇C-PiP°C₇C†PëC...
PrC-CrC₇P_μC,PëPeC-PI PjPsP¶P_μ PiPsC₁PëP»C₇PIP°C,Pë PiPsC,P_μPSC†C-PNëPSPëPNë

PiC-PiPsPeP°P»C-C"PjC-C†PSPëPNë PµC,,PµPeC, P±PµC,P°₂-P°PrCḡPµPSPµCḡPiC-C†PSPëC...
P°PiPsPSC-CÍC,C-PI, C,PsPjCf CfPjPµPeP»C-PrPëPSC-CfPj/PIC-P»P°PSC,PµCḡPsP» CÍP»C-Pr
P·P°CÍC,PsCÍPsPICfPIP°C,Pë P· PsP±PµCḡPµP¶PSC-CÍC,Cḡ (PrPëPI. CḡPsP·PrC-P»
B«PŸPiPsCÍC-P± P·P°CÍC,PsCÍCfPIP°PSPSC¶ C,P° PrPsP·PëB»).

P†PSCëC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë PrP»C¶ P»C-PeC¿PIP°PSPSC¶ P†PhP-P»

P†PsC±P° P¶PsPrPSPëC... C,CḡP°PrPëC†C-PNëPSPëC... PrPsCÍP»C-PrP¶PµPSCḡ
PIP·P°C"PjPsPrC-C— P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI *in vivo* PSPµ P±CfP»Ps
PiCḡPsPIPµPrPµPSPs, C-PSPiP°P»C¶C†C-PNëPSPëPNë P·P°CÍC-P±
CfPjPµPeP»C-PrPëPSC-CfPj/PIC-P»P°PSC,PµCḡPsP» P·P°CÍC,PsCÍPsPICfPIP°P»Pë
PsPrPSPsC±P°CÍPSPs P· C-PSCëPëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë
PiCḡPsC,Pë P†PhP-P», PIPeP»CḡC±P°CḡC±Pë CÍPëPjPiP°C,PsPjC-PjPµC,PëC±PSC-
P±CḡPsPSC...PsP»C-C,PëPePë PePsCḡPsC,PePsC— PrC-C— C,P° C-PSPiP°P»C¶C†C-PNëPSC-
PePsCḡC,PëPePsCÍC,PµCḡPsC—PrPë, P±PµP· PeP»C-PSC-C†PSPëC... PiCḡPsC¶PIC-PI
P»C-PeP°CḡCÍCHPePsC— PIP·P°C"PjPsPrC-C—.

B

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍC¿PIP°PSPSC¶

PhCÍC,PjP°

PjPjPµPeP»C-PrPëPSC-CfPj/PIC-P»P°PSC,PµCḡPsP» PSPµ CÍP»C-Pr
P·P°CÍC,PsCÍPsPICfPIP°C,Pë PiP°C†C-C"PSC,P°Pj P· P°CÍC,PjPsCḡ, PsCÍPeC-P»CHPePë C†PµPNë
P»C-PeP°CḡCÍCHPePëPNë P·P°CÍC-P± PSPµ PrPsCÍP»C-PrP¶CfPIP°PICÍC¶ PrP»C¶ C†C-C"C—
PiCḡCfPiPë PiP°C†C-C"PSC,C-PI.

PµP°CḡP°PrPsPeCÍP°P»CHPSPëPNë P±CḡPsPSC...PsCÍPiP°P·Pj

PiPe C- PiCḡPë P·P°CÍC,PsCÍCfPIP°PSPSC- C-PSCëPëC... PIPëPrC-PI
C-PSPiP°P»C¶C†C-PNëPSPsC— C,PµCḡP°PiC-C—, P·P°CÍC,PsCÍCfPIP°PSPSC¶
CfPjPµPeP»C-PrPëPSC-CfPjCf/PIC-P»P°PSC,PµCḡPsP»Cf PjPsP¶Pµ PiCḡPëP·PIPµCÍC,Pë PrPs
PiP°CḡP°PrPsPeCÍP°P»CHPSPsPiPs P±CḡPsPSC...PsCÍPiP°P·PjCf, C¶PePëPNë PjPsP¶Pµ
P±CfC,Pë PSPµP±PµP·PiPµC†PSPëPj PrP»C¶ P¶PëC,C,C¶. PŸPµCḡP°PiC-Cḡ
CfPjPµPeP»C-PrPëPSC-CfPjPsPj/PIC-P»P°PSC,PµCḡPsP»PsPj CÍP»C-Pr PSPµPiP°PNëPSPs
PiCḡPëPiPëPSPëC,Pë Cf CḡP°P·C- CḡPsP·PIPëC,PeCf PiP°CḡP°PrPsPeCÍP°P»CHPSPsPiPs
P±CḡPsPSC...PsCÍPiP°P·PjCf C,P° CḡPsP·PiPsC±P°C,Pë P°P»CHC,PµCḡPSP°C,PëPIPSCf
C,PµCḡP°PiC-Cḡ, C¶PeC%oPs C†Pµ PiPsC,CḡC-P±PSPs.

PkPµ PrP»C¶ PIPëPePsCḡPëCÍC,P°PSPSC¶ PiC-Pr C†P°CÍ PiPsCÍC,CḡPsPiPs CÍC,P°PSC¿

PjPjPµPeP»C-PrPëPSC-CfPj/PIC-P»P°PSC,PµCḡPsP» PSPµ PiPsPeP°P·P°PSPëPNë PrP»C¶
P»C-PeCfPIP°PSPSC¶ PiPsCÍC,CḡPëC... PµPiC-P·PsPrC-PI P±CḡPsPSC...PsCÍPiP°P·PjCf.

PµPsPiC-CḡCëPµPSPSC¶ PiPµCḡPµP±C-PiC¿ P·P°C...PIPsCḡCHPIP°PSPSC¶

PµC-PrPIPëC%oPµPSPSC¶ C†P°CÍC,PsC,Pë PIPëPePsCḡPëCÍC,P°PSPSC¶
PePsCḡPsC,PePsPrC-CḡC±PëC... P±CḡPsPSC...PsP»C-C,PëPeC-PI PrP»C¶
PiPsP»PµPiCëPµPSPSC¶ CÍPëPjPiC,PsPjC-PI PIPeP°P·CfC" PSP° PiPsPiC-CḡCëPµPSPSC¶
PePsPSC,CḡPsP»Cḡ P·P°C...PIPsCḡCHPIP°PSPSC¶. Pj CḡP°P·C- PiPsPiC-CḡCëPµPSPSC¶
PiPµCḡPµP±C-PiCf P†PhP-P» PSP° C,P»C- P»C-PeCfPIP°PSPSC¶
CfPjPµPeP»C-PrPëPSC-CfPjPsPj/PIC-P»P°PSC,PµCḡPsP»PsPj PSPµPsP±C...C-PrPSPs

PiPsPIC,PsCtjPSPs PsCtC-PSPeC,Pë CÍC,P°PS PiP°CtC-C"PS,C-P° C- C,P°PeC,PëPeCt
P»C-PeCtPIP°PSPSCÍ.

P'PiP»PëPI PSP° CÍPµCtjCtPµPIPs-CÍCzPrPëPSPSCz CÍPëCÍC,PµPjCz

P'PiP»PëPI PSP° CÍPµCtjCtPµPIPs-CÍCtPrPëPSPSCt CÍPëCÍC,PµPjCt, C,P°PePëPñ CÍPe
PiPsCtjCtCtPµPSPSCÍ CÍPµCtjCtPµPIPsPiPs CtjPëC,PjCt, PSP°PiCtjPëPeP»P°Pr
PjPëPiPsC,P»PëPIP° P°CtjPëC,PjC-CÍ C,P° C,P°C...C-PeP°CtjPrC-CÍ, PjPsP¶P»PëPIPëPñ
PiC-CÍP»CÍ PIPIPµPrPµPSPSCÍ P°PSC,P°PiPsPSC-CÍC,C-PI PjCtCÍPeP°CtjPëPSPsPIPëC...
CtjPµCtPµPiC,PsCtjC-PI C- CÍPëPjPiP°C,PsPjC-PjPµC,PëPeC-PI, PIPeP»CtjCtP°CtjCtPë
CtPjPµPeP»C-PrPëPSC-CtPj/PIC-P»P°PSC,PµCtjPsP». PµP°CtC-C"PS,C-P° PeP»C-PSC-CtPSPs
P·PSP°CtCtC%PëPj PSPµPePsPSC,CtjPsP»CHPsPIP°PSPëPj CÍPµCtjCtPµPIPs-CÍCtPrPëPSPSPëPj
P·P°C...PIPsCtjCtPIP°PSPSCÍPj P±CtP»Pë PIPePeP»CtjCtPµPSC- P· PeP»C-PSC-CtPSPëC...
PrPsCÍP»C-PrP¶PµPSCñ. PýPsPjCt CÍPjPµPeP»C-PrPëPSC-CtPj/PIC-P»P°PSC,PµCtjPsP»
CÍP»C-Pr PiCtjPëP·PSP°CtP°C,Pë P· PsP±PµCtjPµP¶PSC-CÍC,Ct PiP°CtC-C"PS,C-P°Pj P·
C,CÍP¶PePëPj CÍPµCtjCtPµPIPs-CÍCtPrPëPSPSPëPj P·P°C...PIPsCtjCtPIP°PSPSCÍPj.

PñPSC,PëPjCzCÍPeP°CtjPëPSPsPIP° P°PeC,PëPIPSC-CÍC,CH

P— PsPiP»CÍPrCt PSP° P°PSC,PëPjCtCÍPeP°CtjPëPSPsPICt P°PeC,PëPIPSC-CÍC,CH
CtPjPµPeP»C-PrPëPSC-CtPj/PIC-P»P°PSC,PµCtjPsP» CÍP»C-Pr P·P°CÍC,PsCÍPsPICtPIP°C,Pë P·
PsP±PµCtjPµP¶PSC-CÍC,Ct PiP°CtC-C"PS,C-P°Pj C-P· P·P°C,CtjPëPjPePsCt CÍPµCtC- P°P±Ps
P·P°PeCtjPëC,PsPeCtC,PsIPsCt PiP»P°CtPePsPjPsCt.

P"C-PiPsPeP°P»C-C"PjC-CÍ

P'PµC,P°₂-P°PrCtjPµPSPµCtjPiC-CtPSC- P°PiPsPSC-CÍC,Pë PjPsP¶CtC,CH
CÍPiCtjPëCtPëPSCÍC,Pë P·PSP°CtPSCt PiC-PiPsPeP°P»C-C"PjC-Ct CÍ PrPµCÍPePëC...
PiP°CtC-C"PS,C-PI, C%Ps PjPsP¶Pµ PsP±CtPjPsPIPëC,Pë CtjPsP·PIPëC,PsPe
PiPsP±C-CtPSPëC... CtjPµP°PeCtC-Pñ P· P±PsPeCt CÍPµCtjCtPµPIPs-CÍCtPrPëPSPSPsC—
CÍPëCÍC,PµPjPë. P—PjPµPSCtPµPSPSCÍ PeP°P»C-Ct PI CÍPëCtjPsPIP°C,CtC- PeCtjPsPIC-,
CÍPe PiCtjP°PIPëP»Ps, C" C,CtjP°PSP·PëC,PsCtjPSPëPj.

P-PsPrPSPëC... PeP»C-PSC-CtPSPs P·PSP°CtCtC%PëC... PµC,,PµPeC,C-PI
PiC-PiPsPeP°P»C-C"PjC-C— PSPµ CÍPiPsCÍC,PµCtjC-PiP°P»PsCÍCÍ CÍ
PeP»C-PSC-CtPSPëC... PrPsCÍP»C-PrP¶PµPSPSCÍC... C-P·
P·P°CÍC,PsCÍCtPIP°PSPSCÍPj CÍPjPµPeP»C-PrPëPSC-CtPjCt/PIC-P»P°PSC,PµCtjPsP»Ct
CÍ CtjPµPePsPjPµPSPPrPsPIP°PSC-Pñ C,PµCtjP°PiPµPIC,PëCtPSC-Pñ PrPsP·C-. PÝP»C-Pr
PiCtjPsCÍPIP»CÍC,Pë PsP±PµCtjPµP¶PSC-CÍC,CH, PePsP»Pë
CtPjPµPeP»C-PrPëPSC-CtPj/PIC-P»P°PSC,PµCtjPsP» P·P°CÍC,PsCÍPsPICtCtC,CH P·
C-PSCtPëPjPë P»C-PeP°CtjCtCHPePëPjPë P·P°CÍPsP±P°PjPë, CÍPeC- C,P°PePsP¶
PjPsP¶CtC,CH CÍPiCtjPëCÍC,Pë CtjPsP·PIPëC,PeCt PiC-PiPsPeP°P»C-C"PjC-C— (PrPëPI.
CtjPsP·PrC-P» B«P'P·P°C"PjPsPrC-CÍ P· C-PSCtPëPjPë P»C-PeP°CtjCtCHPePëPjPë
P·P°CÍPsP±P°PjPë C,P° C-PSCtC- PIPePrPë PI·P°C"PjPsPrC-PñB»).

P"C-PiPµCtjPiP»C-PePµPjC-CÍ

P'PµC,P°₂-P°PrCtjPµPSPµCtjPiC-CtPSC- P°PiPsPSC-CÍC,Pë PjPsP¶CtC,CH
CÍPiCtjPëCtPëPSCÍC,Pë C,CtjP°PSP·PëC,PsCtjPSCt PiC-PiPµCtjPiP»C-PePµPjC-Ct CÍ
PrPµCÍPePëC... PiP°CtC-C"PS,C-PI.

P-PsPrPSPëC... PeP»C-PSC-C†PSPs P·PSP°C†CfC%PëC... PIPiP»PëPIC-PI PSP° CḡC-PIPμPSCḡ
PiP»CḡPePsP·Pë PI PïP»P°P·PjC- PSPμ CḡPïPsCḡC,PμCḡC-PiP°P»PsCḡCḡ Cḡ
PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrP¶PμPSPSCḡC... C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj
CḡPjPμPeP»C-PrPëPSC-CḡPjCḡ/PIC-P»P°PSC,PμCḡPsP»Cḡ Cḡ CḡPμPePsPjPμPSPPrPsPIP°PSC-PNë
C,PμCḡP°PiPμPIC,PëC†PSC-PNë PrPsP·C-. PμC-CḡP»Cḡ PïPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSCḡ
CḡPjPμPeP»C-PrPëPSC-CḡPjPsPj/PIC-P»P°PSC,PμCḡPsP»PsPj PSPμPsP±C...C-PrPSPs
P±C-P»CHC€ CḡPμC,PμP»CHPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë CḡC-PIPμPSCḡ
PiP»CḡPePsP·Pë PI PïP»P°P·PjC- PeCḡPsPIC- Cḡ C...PIPsCḡPëC... PSP° C†CḡPeCḡPsPIPëPNë
PrC-P°P±PμC,.

PŸCžPïCžC,PSC- P·P°C...PIPsCḡCḡPIP°PSPSCḡ

PjPjPμPeP»C-PrPëPSC-CḡPj/PIC-P»P°PSC,PμCḡPsP» CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P·
PsP±PμCḡPμP¶PSC-CḡC,Cḡ PïP°C†C-C°PSC,P°Pj C-P· CḡCḡPrPsPjPSPëPjPë CḡPsP·P»P°PrP°PjPë
P°P±Ps P· C,PëCḡPμPsC,PsPeCḡPëPePsP·PsPj, P° C,P°PePsP¶ PïP°C†C-C°PSC,P°Pj, CḡPeC-
PSPμP·PIPëC†PSPs CḡPμP°PiCḡCḡC,CH PSP° P±PμC,P°₂-P°PrCḡPμPSPμCḡPiC-C†PSC-
P°PiPsPSC-CḡC,Pë.

P°PsPïPsPjC-P¶PSC- CḡPμC†PsPIPëPSPë

PiPμPNë P»C-PeP°CḡCḡCHPePëPNë P·P°CḡC-P± PjC-CḡC,PëC,CH P»P°PeC,PsP·Cḡ.
PμP°C†C-C°PSC,P°Pj C-P· CḡC-PrPeC-CḡPSPëPjPë CḡPïP°PrPePsPIPëPjPë C,,PsCḡPjP°PjPë
PSPμPiPμCḡPμPSPsCḡPëPjPsCḡC,C- PiP°P»P°PeC,PsP·Pë, PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ
P»P°PeC,P°P·Pë P°P±Ps CḡPëPSPrCḡPsPjPsPj PiP»CḡPePsP·Ps-PiP°P»P°PeC,PsP·PSPsC—
PjP°P»CHP°P±CḡPsCḡP±C†C-C— PSPμ CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë C†PμPNë
P»C-PeP°CḡCḡCHPePëPNë P·P°CḡC-P±.

***P—P°CḡC,PsCḡCžPIP°PSPSCḡ Cž PïPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCžPIP°PSPSCḡ PiCḡCžPrPrCḡ***

P°P°PiC-C,PSC-CḡC,CH. PḡP°CḡP°P·C- PIC-PrCḡCḡC,PSC- PrP°PSC- PïCḡPs
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ CḡPjPμPeP»C-PrPëPSC-CḡPjCḡ/PIC-P»P°PSC,PμCḡPsP»Cḡ
PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj.

PjPjPμPeP»C-PrPëPSC-CḡPj/PIC-P»P°PSC,PμCḡPsP» CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë
PïC-Pr C†P°Cḡ PIP°PiC-C,PSPsCḡC,C-, C,C-P»CHPePë CḡPeC%Ps PsC†C-PeCḡPIP°PSP°
PePsCḡPëCḡC,CH PrP»Cḡ PIP°PiC-C,PSPsC— PïPμCḡPμPIPëC%CḡC” PïPsC,PμPSC†C-PNëPSPëPNë
CḡPëP·PëPe PrP»Cḡ PïP»PsPrP°.

PμPμCḡC-PsPr PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ. PḡPμPIC-PrPsPjPs, C†Pë
PïPsC,CḡP°PiP»CḡC” CḡPjPμPeP»C-PrPëPSC-CḡPj P°P±Ps PIC-P»P°PSC,PμCḡPsP» Cḡ
PiCḡCḡPrPSPμ PjPsP»PsPePs. PμCḡPsC,Pμ C-PSC€C- P±PμC,P°₂-P°PrCḡPμPSPμCḡPiC-C†PSC-
P°PiPsPSC-CḡC,Pë PIPëCḡPIP»CḡCḡC,CHCḡCḡ Cḡ PiCḡCḡPrPSPsPjCḡ PjPsP»PsC†C-. P PëP·PëPe
PrP»Cḡ PSPsPiPsPSP°CḡPsPrP¶PμPSPëC.../PSPμPjPsPIP»CḡC, PSPμ PjPsP¶PSP°
PIPëPeP»CḡC†P°C,Pë. PμPsC,CḡC-P±PSPs PiCḡPëPNëPSCḡC,Pë CḡC-C€PμPSPSCḡ PïCḡPs
PïCḡPëPiPëPSPμPSPSCḡ PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ P°P±Ps PïCḡPëPiPëPSPμPSPSCḡ
C,PμCḡP°PiC-C— CḡPjPμPeP»C-PrPëPSC-CḡPjPsPj/PIC-P»P°PSC,PμCḡPsP»PsPj P·
CḡCḡP°C...CḡPIP°PSPSCḡPj PePsCḡPëCḡC,C- PiCḡCḡPrPSPsPiPs PIPëPiPsPrPsPICḡPIP°PSPSCḡ
PrP»Cḡ PrPëC,PëPSPë C- PePsCḡPëCḡC,C- C,PμCḡP°PiC-C— PrP»Cḡ P¶C-PSPePë.

[illegible]

$P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} P s P I C \acute{r} P I P^{\circ} P S P S C \dot{I} P \gg C - P e P^{\circ} C \dot{I} C \dot{I} C H P e P s P i P s P \cdot P^{\circ} C \dot{I} P s P \pm C \acute{r} P \dot{h} P S P s C \dot{I} P s$
 $P \cdot P \gg P \gg C - P \dot{i} C, P^{\circ} P \dot{i} P^{\circ} C \dot{I} C - C^{\circ} P S C, P^{\circ} P j P \cdot C, C \dot{I} P \dot{I} P e P s C \dot{I} P \dot{i} P \mu C \dot{I} C - P S P e P s P I P s C \dot{I}$
 $P S P \mu P r P s C \dot{I} C, P^{\circ} C, P S C - C \dot{I} C, C \dot{I}, C, P s P j C \acute{r} P N e P s P i P s C \dot{I} P \gg C - P r P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} P s P I C \acute{r} P I P^{\circ} C, P \ddot{e} P \cdot$
 $P s P \pm P \mu C \dot{I} P \mu P \dot{I} P S C - C \dot{I} C, C \dot{I}.$

$P^{\circ} C - C, P \ddot{e}$

$P \gg C - P e P^{\circ} C \dot{I} C \dot{I} C H P e P \ddot{e} P N e P \cdot P^{\circ} C \dot{I} C - P \pm P \dot{h} P S P s C \dot{I} P s P \cdot P \gg P \gg C - P \dot{i} C, P^{\circ} P S P \mu$
 $P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} P s P I C \acute{r} P I P^{\circ} P \gg P \ddot{e} P r C - C, C \dot{I} P j (P I C - P e P s P j P r P s 18 C \dot{I} P s P e C - P I) P r P \gg C \dot{I}$
 $P \gg C - P e C \acute{r} P I P^{\circ} P S P S C \dot{I} P \dot{I} P \dot{h} P - P \gg.$

$P \ddot{Y} P i P s C \dot{I} C - P \pm P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} P$

$P \gg C - P e P^{\circ} C \dot{I} C \dot{I} C H P e P \ddot{e} P N e P \cdot P^{\circ} C \dot{I} C - P \pm P \dot{h} P S P s C \dot{I} P s P \cdot P \gg P \gg C - P \dot{i} C, P^{\circ} P \dot{i} C \dot{I} P \ddot{e} P \cdot P S P^{\circ} C \dot{I} P \mu P S P \ddot{e} P N e$
 $C, C - P \gg C \dot{I} P e P \ddot{e} P r P \gg C \dot{I} C - P S P i P^{\circ} P \gg C \dot{I} C \dot{I} C - P N e.$

$P' P e P^{\circ} P \cdot C - P I P e P \ddot{e} C \% P s P r P s P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} P$

$P \dot{I} P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P \cdot P \gg P \gg C - P \dot{i} C, P^{\circ} P j C - C \dot{I} C, P \ddot{e} C, C \dot{I} P \dot{i} P s P i P \mu C \dot{I} P \mu P r P S C \dot{I} P s$
 $C \dot{I} P s P \cdot P \dot{i} P s P r C - P \gg P \mu P S C - P r P s P \cdot P \ddot{e} C - P i P s C, P s P I P \ddot{e} P N e P r P s P I P \ddot{e} P e P s C \dot{I} P \ddot{e} C \dot{I} C, P^{\circ} P S P S C \dot{I} P.$

$P \dot{I} P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} C \acute{r} P \dot{i} P^{\circ} P e P s P I P^{\circ} P S P \ddot{e} P N e C \acute{r} P \gg P s C, P s P e, C \% P s P j C - C \dot{I} C, P \ddot{e} C, C \dot{I}$
 $P I P s P \gg P s P i P s P \dot{i} P s P i P \gg P \ddot{e} P S P^{\circ} C \dot{I} C \dot{I} P \ddot{e} P N e P \dot{i} P^{\circ} P e P \mu C, P \ddot{e} P e. P' P s P \gg P s P i P s P \dot{i} P s P i P \gg P \ddot{e} P S P^{\circ} C \dot{I} C \dot{I} P \ddot{e} P N e$
 $P \dot{i} P^{\circ} P e P \mu C, P \ddot{e} P e C \dot{I} P \gg C - P r P I P \ddot{e} P e P \ddot{e} P S C \acute{r} C, P \ddot{e}, P N e P s P i P s P I P j C - C \dot{I} C, P S P \mu P j P s P \dot{I} P S P^{\circ}$
 $P e P s P I C, P^{\circ} C, P \ddot{e} P^{\circ} P \pm P s P I P r P \ddot{e} C \dots P^{\circ} C, P \ddot{e}. P \mu P^{\circ} C \dot{I} C - C^{\circ} P S C, P^{\circ} P I P^{\circ} C \dot{I} C, P s P \dot{i} P s P i P \mu C \dot{I} P \mu P r P \ddot{e} C, P \ddot{e},$
 $C \% P s P \gg P s C, P s P e P \cdot C - P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P s P j C \dot{I} P \gg C - P r P I C - P r P e C \dot{I} P \ddot{e} P I P^{\circ} C, P \ddot{e} C, P s P r C -,$
 $P e P s P \gg P \ddot{e} P I C - P S P \pm C \acute{r} P r P \mu P i P s C, P s P I P \ddot{e} P N e P r P s C - P S P i P^{\circ} P \gg C \dot{I} C \dot{I} C - C - P r P s P \cdot P \ddot{e}.$

$P \dot{I} P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P I P \gg P s C, P e C \acute{r} P \dot{i} P \mu C \dot{I} P \mu P \pm C \acute{r} P I P^{\circ} C^{\circ} P I P \dot{i} P s P \gg P s P \dot{I} P \mu P S P S C -$
 $B \ll P \cdot P^{\circ} P e C \dot{I} P \ddot{e} C, P s B \gg. P \mu C - C \dot{I} P \gg C \dot{I} C, P s P i P s, C \dot{I} P e P \gg P s C, P s P e P \pm C \acute{r} P r P \mu P I C - P r P e C \dot{I} P \ddot{e} C, P s,$
 $P N e P s P i P s P j P s P \dot{I} P S P^{\circ} P I P \ddot{e} P e P \ddot{e} P S C \acute{r} C, P \ddot{e}. P^{\circ} P^{\circ} C, P^{\circ} P e C - P S C \dot{I} P \mu P I P s P i P s$
 $P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} C - P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P^{\circ} C \dot{I} C, P^{\circ} P S P s P I P \ddot{e} C, C \dot{I} 6 C, P \ddot{e} P \dot{I} P S C - P I P \cdot$
 $P r P^{\circ} C, P \ddot{e} P I C - P r P e C \dot{I} P \ddot{e} C, C, C \dot{I} P \gg P s C, P e P^{\circ}. P^{\circ} P^{\circ} C, C \acute{r} P e C - P S C \dot{I} P \mu P I P s P i P s$
 $P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} C \dot{I} P \gg C - P r P I P \ddot{e} C \dot{I} P^{\circ} C, P \ddot{e} C \acute{r} C \dot{I} P \dot{i} P \mu C \dot{I} C - P^{\circ} P \gg C \dot{I} P S P s$
 $P I C - P r P I P \mu P r P \mu P S P s P j C \acute{r} P j C - C \dot{I} C \dot{I} C -, P \dot{i} P s P \cdot P S P^{\circ} C \dot{I} P \mu P S P s P j C \acute{r} B \ll P \acute{K} P \mu$
 $P I P \ddot{e} P e P s C \dot{I} P \ddot{e} C \dot{I} C, P s P I C \acute{r} P I P^{\circ} C, P \ddot{e} P \dot{i} C - C \dot{I} P \gg C \dot{I} C \cdot B \gg. P \acute{K} P \mu C \dot{I} P \gg C - P r P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} P s P I C \acute{r} P I P^{\circ} C, P \ddot{e}$
 $C - P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P \dot{i} C - C \dot{I} P \gg C \dot{I} P r P^{\circ} C, P \ddot{e} P e C - P S C \dot{I} P \mu P I P s P i P s P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} P.$

$P j P \dot{i} P^{\circ} P e P s P I P e P^{\circ} P \gg C - P e P^{\circ} C \dot{I} C \dot{I} C H P e P s P i P s P \cdot P^{\circ} C \dot{I} P s P \pm C \acute{r} P \dot{h} P S P s C \dot{I} P s P \cdot P \gg P \gg C - P \dot{i} C, P^{\circ} C, P^{\circ}$
 $C - C - P I P j C - C \dot{I} C,$

$P \mu P s C \dot{I} C \dot{I} P r P s P e P I P \ddot{e} P e P s C \dot{I} P \ddot{e} C \dot{I} C, P^{\circ} P S P S C \dot{I} C - P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P^{\circ} (C \dot{I} P \ddot{e} C \dot{I}. 1)$

1. $P \mu C \dot{I} P s C \dot{I} P \ddot{e} C, P^{\circ} C, P \ddot{e} P \dot{i} P \mu C \dot{I} P \mu P r P \dot{i} P s C \dot{I} P^{\circ} C, P e P s P j P \cdot P^{\circ} C \dot{I} C, P s C \dot{I} C \acute{r} P I P^{\circ} P S P S C \dot{I} P$

$P \dot{i} P e C \% P s P e C \dot{I} P \ddot{e} C \acute{r} P e C \acute{r} C - P S P i P^{\circ} P \gg C \dot{I} C, P s C \dot{I} P^{\circ} P \pm C \acute{r} P r P \mu P I C - P r P e C \dot{I} P \ddot{e} C, P s C -$
 $P \cdot P^{\circ} P e C \dot{I} P \ddot{e} C, P s P \pm P \mu P \cdot C - P S P i P^{\circ} P \gg C \dot{I} C \dot{I} C - C - P \dot{i} C \dot{I} P \mu P \dot{i} P^{\circ} C \dot{I} P^{\circ} C, C \acute{r}, C, P s P r P s P \cdot C \acute{r} P \pm C \acute{r} P r P \mu$
 $P I C, C \dot{I} P^{\circ} C \dot{I} P \mu P S P s. P^{\circ} C, C \dot{I} P^{\circ} C \dot{I} P \mu P S P^{\circ} P r P s P \cdot P^{\circ} P S P^{\circ} P r C - P N e P S P s P \cdot P \pm P \mu C \dot{I} C - P i P^{\circ} C^{\circ} C, C \dot{I} C \dot{I} C \dot{I}$

PI C-PSIP°P»CЦC,PsCЦC-, P°P»Pμ PIP¶Pμ PSPμ C” PrPsCГC,CrPіPSPsCц PrP»CЦ
C-PSIP°P»CЦC†C-C—.

РќРμРјРѕР¶Р»РөРІРѕ РІРөРІ°РrРeРѕРІРѕ РіCцРөР№PSCЦC,Рө PSP°РrР»РөCөРeРѕРІCр P°P±Ps
РіРѕРrРІC-R№PSCр РrРѕР·Cр РіCцРμРІР°CцР°C,Cр P·P° PsPrPSCр C-PSIP°P»CЦC†C-Cц.

P>C-C†PөP»CHPSPөPe PrPsP·

P’C-PS РіРѕРeР°P·CрC”, CГРeC-P»CHPePө РrРѕР· РіCцРμРІР°CцР°C,Cр P·P°P»РөCөРeP»PsCГCЦ
PI C-PSIP°P»CЦC,PsCЦC-.

P”Ps P·P°CГC,PsCГCрPIP°PSPSCЦ РіРμCцCөPsC— PrPsP·Pө P· C-PSIP°P»CЦC,PsCцP° P»C-C†PөP»CHPSPөPe РіРѕРeP°P·CрC” C,PsC†PSPs 30 PrPsP·.

P’C-PS PIC-PrCцP°C...PsPICрC” РіРѕ 1 РrРѕР·C- PI P·PIPsCцPsC,PSPsPjCр РіРѕCцCЦPrPeCр
C%PsCцP°P·Cр, CЦPe PIC-PrPeCцРөРІP°C”C,CHCГCЦ PeCцPөCөPeP°.

РљРѕР»Рө P·P°P»РөCөP°C”C,CHCГCЦ РјРμPSCөРμ 10 PrPsP·, РіРѕР»PsPIPөPSP° P»C-C†PөP»CHPSPөPeP° CГC,P°C” C†РμCцРІРѕPSPsРіРѕ РeРѕР»CHPsCцCр.

РμC-CГP»CЦ РІРөРeРѕCцРөCГC,P°PSPSCЦ PsCГC,P°PSPSCHPsC— РrРѕР·Pө РіРѕР»PsPIPөPSP°
**P»C-C†PөP»CHPSPөPeP° РrРѕР· P·P°P±P°CцРІP»РμPSP° C†РμCцРІРѕPSPөРј C-
PIC-PrPsP±CцP°P¶P°C”C,CHCГCЦ C†PөCГP»Ps 0.** РђРμРіРμCц C-PSIP°P»CЦC,PsCц
РіРѕCцPѕP¶PSC-R№.

РІРeC%Ps PIC-PrPeCцPөC,Рө PeCцPөCөPeCр РіC-CГP»CЦ C†CHPsPiPs, C,Ps

P»C-C†PөP»CHPSPөPe РrРѕР· B CГC,P°PSPμ РіРѕРІPSC-CГC,Cц C†РμCцРІРѕPSPөРј.B

РљCцPөCөPeP°

**P©PsCцP°P·Cр РіCцРө PIC-PrPeCцPөC,C,C- РІРө РіРѕC,CрC”C,Рμ PsPrPSCр РrРѕР·Cр
РіCцРμРІP°CцP°C,Cр**

P РөCГ. 1

B 2. РІРe РіC-PrPiPsC,CрPIP°C,Рө РrРѕР·Cр

РќРμ PIC-PrPeCцРөРІP°P№C,Рμ PeCцPөCөPeCр, РrРѕРeРө PSPμ P±CрPrPμC,Рμ РіРѕC,PsPIC-
РіCцРөР№PSCЦC,Рө РrРѕР·Cр. РќРμ CГC,CцCрCөCрP№C,Рμ C-PSIP°P»CЦC,PsCц.

РμPsC,CЦPiPSC-C,CH PeCцPөCөPeCр PIPSPөP·, РrРѕРeРө PSPμ РіРѕC†CрC”C,Рμ
B«PeP»P°C†B» (CцPөCГ. 2).

РђРμРіРμCц РіCцРμРІP°CцP°C, РіРѕC,PsPIPөP№ РrРѕ C-PSIP°P»CЦC†C-C—.

P>C-C†PөP»CHPSPөPe РrРѕР· PIC-PrCцP°C...PsPICрC” PI P·PIPsCцPsC,PSPsPjCр
РіРѕCцCЦPrPeCр PSP° 1, C%Ps РіC-PrC,PIPμCцPrP¶CрC” РіРѕC,PsPIPSC-CГC,CH.

РІРeC%Ps РіC-CГP»CЦ C,PsPiPs, CЦPe РІРө РіРѕC†CрP»Рө B«PeP»P°C†B»,

P»C-C†PөP»CHPSPөPe РrРѕР· PSPμ PIC-PrCцP°C...CрPIP°PI РrРѕР·Cр PI

P·PIPsCцPsC,PSPsPjCр РіРѕCцCЦPrPeCр, C,Ps C-PSIP°P»CЦC,PsCц PSPμ

РіCцP°C†CцC”. РќРμPsP±C...C-PrPSPs P·PIPμCцPSCрC,РөCГCЦ P·

C-PSIP°P»CЦC,PsCцPsPj PI P°РіC,РμPeCр P·P° РіРѕCцP°РrРѕCц. Рј P±CрPrCH-

CЦPePsPjCр РІРөРІ°РrРeCр CГC,CцCрCөCрPIP°C,Рө C-PSIP°P»CЦC,PsCц PSPμ
CГP»C-Pr.

P РөCГ. 2

3. РІРe РІРөPePsPSP°C,Рө C-PSIP°P»CЦC†C-Cц РіCцРμРІP°CцP°C,Cр

PJC,CTHPëPjCfPMnC,Pµ C-PSPIP°P»C¼C,PsCTH PSP° PIC-PrCfC,P°PSC- PIC-Pr CTHPsC,P° C-
P·CTHPsP±C-C,CH PIPëPrPëC... PSP°CfC,C-P»CHPePë PiP»PëP±PsPePëPNë,
PSP°CfPeC-P»CHPePë C†Pµ PrP»C¼ PIP°Cf PePsPjC,,PsCTHC,PSPs.

PkPµ PIPëPrPëC...P°PNnC,Pµ PI C-PSPIP°P»C¼C,PsCTH.

P PsP·PjC-CfC,C-C,CH PjCfPSPPrCëC,CfPe PjC-P¶ PiCfP±P°PjPë C- C%oC-P»CHPSPs
PiCTHPëC,PëCfPSC-C,CH C—C... PSP°PIPePsP»Ps PjCfPSPPrCëC,CfPeP° (CTHPëCf. 3).

PkPµ PiPµCTHPµPeCTHPëPIP°PNnC,Pµ PiP°P»CHC†C¼PjPë PiPsPIC-C,CTHC¼PSC- PeP»P°PiP°PSPë.

P—CTHPsP±C-C,CH PsPrPëPS PrPsPIPiPëPNë, CTHC-PIPSPëPNë, PiP»PëP±PsPePëPNë PIPrPëC...,
PiC-CfP»C¼ C†PsPiPs P·P°C,CTHPëPjP°PNnC,Pµ PrPëC...P°PSPSC¼ C¼PePsPjPsPiP° PrPsPICëPµ
(C%oPsPSP°PNëPjPµPSCëPµ 3вґ“4 CfPµPeCfPSPPrPë).

P’PëPNëPjC-C,CH C-PSPIP°P»C¼C,PsCTH P· CTHPsC,P°.

PµPsPIC-P»CHPSPs C- PsP±PµCTHPµP¶PSPs PIPëPrPëC...PSC-C,CH.

P PëCf. 3

PkP°PIC-C,CH PiCTHPë PiCTHP°PIPëP»CHPSPsPjCf PIPëPePsCTHPëCfC,P°PSPSC-
C-PSPIP°P»C¼C,PsCTHP° P’Pë PjPsP¶PµC,Pµ PSPµ PIC-PrC†CfC,Pë PiCTHPµPiP°CTHP°C,,
P·PsPeCTHPµPjP° PNëPsPiPs CfPjP°Pe.

4. P—P°PeCTHPëPNnC,Pµ C-PSPIP°P»C¼C,PsCTH

PiPeC%oPs C” PSPµPsP±C...C-PrPSC-CfC,CH PI PsC†PëCfC,C†C- PjCfPSPPrCëC,CfPeP°,
PIPëPePsCTHPëCfC,PsPICfPNnC,Pµ CfCfC...Cf C,PeP°PSPëPSCf PrPs P·P°PeCTHPëC,C,¼
PeCTHPëCëPePë.

P©PsP± PSP°PeCTHPëC,Pë PjCfPSPPrCëC,CfPe, PiPsPIPµCTHPSC-C,CH PeCTHPëCëPeCf PSP°
PjC-CfC†Pµ, CTHCfC...P°CTHC†Pë C—C— PIPIPµCTHC... PrPs CfPiPsCTHCf (CTHPëCf. 4).

P PëCf. 4

P”C-C,Pë. P»C-PeP°CTHCfCHPePëPNë P·P°CfC-P± PhPSPsCTHPs P·P»P»C-PiC,P° PSPµ
P·P°CfC,PsCfPsPICfPIP°P»Pë PrC-C,¼Pj (PIC-PePsPj PrPs 18 CTHPsPeC-PI) PrP»C¼
P»C-PeCfPIP°PSPSC¼ P¶PhP—P».

PµPµCTHPµPrPsP·CzPIP°PSPSC¼

PµPµCTHPµPrPsP·CfPIP°PSPSC¼ CfPjPµPeP»C-PrPëPSC-CfPjCf/PIC-P»P°PSC,PµCTHPsP»Cf,
PNëPjPsPIC-CTHPSPs, PjP°C,PëPjPµ PsP·PSP°PePë C- CfPëPjPiC,PsPjPë, PiPsPIbґ™ C¼P·P°PSC- P·
PrC-C”CTH PsPeCTHPµPjPëC... PePsPjPiPsPSPµPSC,C-PI, C%oPs CfP·PiPsPrP¶CfC”C,CHCfC¼ P·
PIC-PrPsPjPëPjPë PiPsP±C-C†PSPëPjPë CTHPµP°PeC†C-C¼PjPë C-PSPIP°P»C¼C†C-PNëPSPëC...

PjCfCfPeP°CfPëPSPsPIPëC... P°PSC,P°PiPsPSC-CfC,C-PI (PSP°PiCfPëPeP»P°Pr,
CfCfC...C-CfC,Ch Cf CfPsC,C-, PiPsCfCfC€PµPSPSCf P·PsCfPsPIPsC—
P°PePsPjPsPrP°C†C-C— C,P° C,P°C...C-PeP°CfPrC-Cf) P°P±Ps CfPµP°PeC†C-CfPjPë, C%Ps
CfPiPsCfC,PµCfC-PiP°P»PëCfCf PiCfPë PiPµCfPµPrPsP·CfPIP°PSPSC- C-PSC€PëC...
P±PµC,P°₂-P°PrCfPµPSPµCfPiC-C†PSPëC... P°PiPsPSC-CfC,C-PI (PSP°PiCfPëPeP»P°Pr,
P°CfPëC,PjC-Cf, C,CfPµPjPsCf, PiPsP»PsPIPSPëPµ P±C-P»Ch, PiPsCfPëP»PµPSPµ
CfPµCfC†PµP±PëC,C,Cf, PSCfPrPsC,P°, PiC-PiPµCfPiP»C-PePµPjC-Cf C,P°
PiC-PiPsPeP°P»C-C”PjC-Cf).

PJ CfP°P·C- PiPµCfPµPrPsP·CfPIP°PSPSCf P»C-PeCfPIP°PSPSCf PiP°C†C-C”PSC,P° PjP°C”
P±CfC,Pë CfPëPjPiC,PsPjP°C,PëC†PSPëPj P· PIC-PrPiPsPIC-PrPSPëPj PjPsPSC-C,PsCfPëPSPiPsPj
Cf CfP°P·C- PiPsC,CfPµP±Pë.

PµPsP±C-C†PSC- CfPµP°PeC†C-C—

PhPiP»CfIPr PiCfPsC,,C-P»Cf P±PµP·PiPµPePë

PkP°PµP±C-P»ChC€ C†P°CfC,PsCf P·P°CfPµC”CfC,CfPsPIP°PSPsCf PiPsP±C-C†PSPsCf
CfPµP°PeC†C-C”Cf PiCfPë P·P°CfC,PsCfCfPIP°PSPSC-
CfPjPµPeP»C-PrPëPSC-CfPjCf/PIC-P»P°PSC,PµCfPsP»Cf P±CfPI PSP°P·PsC,,P°CfPëPSPiC-C, (9
%).

PµPµCfPµP»C-Pe PiPsP±C-C†PSPëC... CfPµP°PeC†C-Pµ

PµCfPsC,,C-P»Ch P±PµP·PiPµPePë P»C-PeP°CfCfChPePsPiPs P·P°CfPsP±Cf PhPSPsCfPs
P·P»P»C-PiC,P° T”CfCfPSC,CfC”C,ChCfCf PSP° PrP°PSPëC... C%PsPrPs
P·P°CfC,PsCfCfPIP°PSPSCf PePsPjP±C-PSP°C†C-C—
CfPjPµPeP»C-PrPëPSC-CfPjCf/PIC-P»P°PSC,PµCfPsP»Cf C,P° PsPeCfPµPjPëC... C—C—
PePsPjPiPsPSPµPSC,C-PI, PsC,CfPëPjP°PSPëC... Cf PjPµP¶P°C... PiCfPsPiCfP°PjPë
PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSCH, C%Ps PIPeP»CfC†P°P»P° 6 855
PiP°C†C-C”PSC,C-PI C-P· P¶PhP—P», C,P° PiC-Pr C†P°Cf PiPsCfC,PjP°CfPePµC,PëPSPiPsPIPsPiPs
CfPiPsCfC,PµCfPµP¶PµPSPSCf. P”Ps PiCfPsPiCfP°PjPë PeP»C-PSC-C†PSPëC...
PrPsCfP»C-PrP¶PµPSCH P±CfP»Ps P·P°P»CfC†PµPSPs 2 354 PiP°C†C-C”PSC,Pë, C%Ps
PsC,CfPëPjCfPIP°P»Pë CfPjPµPeP»C-PrPëPSC-CfPj/PIC-P»P°PSC,PµCfPsP» PsPrPëPS CfP°P·
PSP° PrPsP±Cf Cf PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSPSCfC... PSP° PµC,P°PiC-
C,,P°P·Pë 3 C,CfPëPIP°P»C-CfC,Cf 24 C,PëP¶PSC- C- P±C-P»ChC€Pµ, P· CfPePëC... 1 296
PiP°C†C-C”PSC,C-PI PsC,CfPëPjCfPIP°P»Pë CfPµPePsPjPµPSPPrPsPIP°PSCr PrPsP·Cf 55/22 PjPePi
Cf 24-C,PëP¶PSPµPIPsPjCf PrPsCfP»C-PrP¶PµPSPSC-, 832 PiP°C†C-C”PSC,Pë
PsC,CfPëPjCfPIP°P»Pë PIPëCfPsPeCf PrPsP·Cf 113/22 PjPePi Cf 24-C,PëP¶PSPµPIPsPjCf
PrPsCfP»C-PrP¶PµPSPSC- C- 226 PiP°C†C-C”PSC,C-PI PsC,CfPëPjCfPIP°P»Pë 113/22 PjPePi
PiCfPsC,CfPiPsPj 12-PjC-CfCfC†PSPsPiPs PrPsCfP»C-PrP¶PµPSPSCf.

PSP°CfC,PsC,P° PiPsP±C-C†PSPëC... CfPµP°PeC†C-Pµ, PIPëP·PSP°C†PµPSPëC... Cf
C,P°P±P»PëC†C- 2, PIPeP»CfC†P°C” PiPsPeP°P·PSPëPePë P·P°PiP°P»ChPSPsPiPs
PePsPµC,,C-C†C-C”PSC,P° P·P°C...PIPSCfCfPIP°PSPsCfC,C-, PIPëP·PSP°C†PµPSC- PiCfPë
PsP±P¶C”C”PrPSP°PSPSC- Pib¶CfCf,Pë 24-C,PëP¶PSPµPIPëC... PrPsCfP»C-PrP¶PµPSCH C- 12-
PjC-CfCfC†PSPsPiPs PrPsCfP»C-PrP¶PµPSPSCf P±PµP·PiPµPePë.

P—P°CfC,PsCfPsPICfC”C,ChCfCf C,P°PeP° PeP»P°CfPëC,,C-PeP°C†C-Cf C†P°CfC,PsC,Pë
PIPëPSPëPePSPµPSPSCf PiPsP±C-C†PSPëC... PµC,,PµPeC,C-PI: PrCfP¶Pµ C†P°CfC,Ps P¶”³ 1/10;

$C\ddot{P}^{\circ}C\dot{I}C,Ps\text{ в}\ddot{H}''^3\text{ }1/100\text{ }C,P^{\circ}<1/10$; $PSP\mu C\ddot{P}^{\circ}C\dot{I}C,Ps\text{ в}\ddot{H}''^3\text{ }1/1000\text{ }C,P^{\circ}<1/100$; $C\dot{H}C-PrPePs\text{ в}\ddot{H}''^3\text{ }1/10000\text{ }C,P^{\circ}<1/1000$; $PrCrP\Pmu\text{ }C\dot{H}C-PrPePs\text{ в}\ddot{H}''<1/10000$; $PSP\mu PIC-PrPsPjPs\text{ в}\ddot{H}''\text{ }PSP\mu PjPsP\PSP^{\circ}PIP\ddot{e}P\cdot PSP^{\circ}C\ddot{P}eC,P\ddot{e}P\cdot PSP^{\circ}C\dot{I}PIPSP\ddot{e}C...PrP^{\circ}PSP\ddot{e}C....$

PyP°P±P»PëC†C⊏ 2

PyPëC†C,PμPjPë C,P° PsCḡPiP°PSPë	PkPμP±P°P¶P°PSP° CḡPμP°PeC†C-C⊏	P§P°C†C,PsC,P°
P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—	P†PSC,,PμPeC†C-C⊏ C†PμC‡PsPIPëPIC-PrPSPëC... CεP»C⊏C...C-PI PyPëPSCrC†PëC, PkP°P·PsC,,P°CḡPëPSPiC-C, PαP°CḡPëPSPiC-C, P†PSC,,PμPeC†C-C⊏ PIPμCḡC...PSC-C... PrPëC...P°P»CḤPSPëC... CεP»C⊏C...C-PI	P§P°C†C,Ps
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr C-PjCrPSPSPsC— C†PëC†C,PμPjPë	P PμP°PeC†C-C— PiC-PiPμCḡC‡C†C,P»PëPIPsC†C,C-, PIPeP»CḡC‡P°CḡC‡Pë PIPëC†PëPi, P°PSP°C,,C-P»P°PeC†C-Cḡ, P°PSPiC-PsPSPμPICḡPsC,PëC‡PSPëPN̄ PSP°P±CḡC⊏Pe, PeCḡPsPiPëPiḡ™ C⊏PSPeCr	PkPμC‡P°C†C,Ps P C-PrPePs P C-PrPePs P C-PrPePs
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr PSPμCḡPIPsIPsC— C†PëC†C,PμPjPë	P°PsP»PsPIPSPëPN̄ P±C-P»CḤ PyCḡPμPjPsCḡ P°PëC†PiPμPIP·C-C⊏ P—P°PiP°PjPsCḡPsC‡PμPSPSC⊏	P§P°C†C,Ps PkPμC‡P°C†C,Ps PkPμC‡P°C†C,Ps PkPμPIC-PrPsPjPs
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr PiC†PëC...C-PePë	PyCḡPëPIPsPiP°	PkPμC‡P°C†C,Ps
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr PsCḡPiP°PSC-PI P·PsCḡCr	PμPsCḡCrCεPμPSPSC⊏ C‡C-C,PePsC†C,C- P·PsCḡCr P°P»P°C†PePsPjP° PμC-PrPIPëC%PμPSPSC⊏ PIPSC†C,CḡC-CεPSCḡPsPsC‡PSPsPiPs C,PëC†PeCr P°C-P»CḤ PI PsC‡P°C...	P C-PrPePs P C-PrPePs P C-PrPePs P C-PrPePs
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr C†PμCḡC‡PμPIPs-C†CrPrPëPSPSPsC— C†PëC†C,PμPjPë	PḡPëPiPsC,P»PëPIP° P°CḡPëC,PjC-C⊏ PyCrPiCḡP°PIPμPSC,CḡPëPeCrP»C⊏CḡPSP° C,P°C...C-PeP°CḡPrC-C⊏ P†PrC-PsPIPμPSC,CḡPëPeCrP»C⊏CḡPSPëPN̄ CḡPëC,Pj PyP°C...C-PeP°CḡPrC-C⊏ PyCrPiCḡP°PIPμPSC,CḡPëPeCrP»C⊏CḡPSC- PμPeC†C,CḡP°C†PëC†C,PsP»Pë PμPsC†PëP»PμPSPμ C†PμCḡC‡PμP±PëC,C,C⊏	PkPμC‡P°C†C,Ps
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr PsCḡPiP°PSC-PI PrPëC...P°P»CḤPSPsC— C†PëC†C,PμPjPë, PiCḡCrPrPSPsC— PeP»C-C,PePë C,P° C†PμCḡPμPrPsC†C,C-PSPSC⊏	PḡP°CεPμP»CḤ P PsC,PsPiP»PsC,PePsPIPëPN̄ P±C-P»CḤ P°PëC†C,,PsPSC-C⊏ PμP°CḡP°PrPsPeC†P°P»CḤPSPëPN̄ P±CḡPsPSC...PsC†PiP°P·Pj	P§P°C†C,Ps P§P°C†C,Ps PkPμC‡P°C†C,Ps P C-PrPePs
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr CεP»C†PSPePsIPs-PePëCεPePsPIPsPiPs C,CḡP°PeC,Cr	P—P°PiPsCḡ PyCrC...C-C†C,CḤ Cr CḡPsC,C-	P§P°C†C,Ps
PμPsCḡCrCεPμPSPSC⊏ P· P±PsPeCr CεPeC-CḡPë C,P° PiC-PrCεPeC-CḡPSPëC... C,PeP°PSPëPS	P°PëC†PëPi	PkPμC‡P°C†C,Ps

$P_{\mu}PsC\bar{H}C_rC\epsilon P_{\mu}PSPSC_{\bar{C}} P \cdot P \pm PsPeC_r$ $C\bar{I}PeP_{\mu}P \gg P_{\mu}C, PSPs-Pj\bar{b}\bar{H}^{\text{TM}} C_{\bar{C}}P \cdot PsPIP_{\bar{S}}C-$ $C, P^{\circ} C\bar{I}P_iPsP \gg C_rC \ddagger PSP_{\bar{S}}C-$ $C, PeP^{\circ} PSP\bar{e}PSP\bar{e}$	$P\check{Y}P_iP^{\circ}P \cdot P_j Pj\bar{b}\bar{H}^{\text{TM}} C_{\bar{C}}P \cdot C-PI$	$P\acute{K}P_{\mu}C \ddagger P^{\circ}C\bar{I}C, Ps$
$P_{\mu}PsC\bar{H}C_rC\epsilon P_{\mu}PSPSC_{\bar{C}} P \cdot P \pm PsPeC_r$ $PSP\bar{e}C\bar{H}PsPe C, P^{\circ}$ $C\bar{I}P_{\mu}C \ddagger PsPIP\bar{e}PrC-P \gg CH\bar{b}PSP_{\bar{S}}C-$ $C\bar{I}P\bar{e}C\bar{I}C, P_{\mu}PjP\bar{e}$	$P-P^{\circ}C, C\bar{H}P\bar{e}PjPeP^{\circ} C\bar{I}P_{\mu}C \ddagger C-$ $P''P\bar{e}P \cdot C_rC\bar{H}C-C_{\bar{C}}$ $P\bar{h}P \pm C\bar{I}C, C\bar{H}C_rPeC \ddagger C-C_{\bar{C}}$ $PIP\bar{e}C...C-PrPSP_{\bar{S}}PiPs PsC, PIP_{\bar{S}}C\bar{H}C_r$ $C\bar{I}P_{\mu}C \ddagger PsPIP_{\bar{S}}PiPs PjC-C...C_rC\bar{H}P^{\circ}$	$P C-PrPePs$ $P C-PrPePs$ $P C-PrPePs$

$P_{\mu}PsPIC-PrPsPjP \gg P_{\mu}PSPSC_{\bar{C}} P_iC\bar{H}Ps P_iC-PrPsP \cdot C\bar{H}C\bar{H}PIP^{\circ}PSC- P_iPsP \pm C-C \ddagger PSC-$
 $C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C-C-$

$P_{\mu}PsPIC-PrPsPjP \gg P_{\mu}PSPSC_{\bar{C}} P_iC\bar{H}Ps P_iPsP \pm C-C \ddagger PSC- C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C-C-$ $P_iC-C\bar{I}P \gg C_{\bar{C}}$
 $C\bar{H}P_{\mu}C''C\bar{I}C, C\bar{H}P^{\circ}C \ddagger C-C-$ $P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CH\bar{b}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C_r PjP^{\circ}C'' PIP^{\circ}P \parallel P \gg P\bar{e}PIP_{\mu}$
 $P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC_{\bar{C}}$. $P_iP_{\mu} PrP^{\circ}C'' P \cdot PjPsPiC_r P_iC\bar{H}PsPIP_{\bar{S}}PrP\bar{e}C, P\bar{e} PjPsPSC-C, PsC\bar{H}P\bar{e}PSP_i$
 $C\bar{I}P_iC-PIPIC-PrPSP_{\bar{S}}C\epsilon P_{\mu}PSPSC_{\bar{C}} PePsC\bar{H}P\bar{e}C\bar{I}C, CH/C\bar{H}P\bar{e}P \cdot P\bar{e}Pe P_iC\bar{H}P\bar{e}$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C_rPIP^{\circ}PSPSC- C \ddagger CH\bar{b}PsPiPs P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CH\bar{b}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C_r$.
 $P\bar{h}P_{\mu}PrP\bar{e}C \ddagger PSP\bar{e}Pj C, P^{\circ} C, P^{\circ}C\bar{H}PjP^{\circ}C \ddagger P_{\mu}PIC, P\bar{e}C \ddagger PSP\bar{e}Pj P_iC\bar{H}P^{\circ}C \ddagger C-PIPSP\bar{e}PeP^{\circ}Pj, P^{\circ}$
 $C, P^{\circ}PePsP \parallel P_iP^{\circ}C \ddagger C-C''PSC, P^{\circ}Pj P^{\circ}P \pm Ps C-C...PSC-Pj P \cdot P^{\circ}PePsPSPSP\bar{e}Pj$
 $P_iC\bar{H}P_{\mu}PrC\bar{I}C, P^{\circ}PIPSP\bar{e}PeP^{\circ}Pj C\bar{I}P \gg C-Pr P_iPsPIC-PrPsPjP \gg C_{\bar{C}}C, P\bar{e} P_iC\bar{H}Ps C_rC\bar{I}C-$
 $PIP\bar{e}P_iP^{\circ}PrPeP\bar{e} P_iC-PrPsP \cdot C\bar{H}C\bar{H}PIP^{\circ}PSP\bar{e}C... P_iPsP \pm C-C \ddagger PSP\bar{e}C... C\bar{H}P_{\mu}P^{\circ}PeC \ddagger C-PN_{\bar{e}} C, P^{\circ}$
 $PIC-PrC\bar{I}C_rC, PSP_{\bar{S}}C\bar{I}C, C- P_{\mu}C, P_{\mu}PeC, P\bar{e}PIPSP_{\bar{S}}C\bar{I}C, C- P \gg C-PeP^{\circ}C\bar{H}C\bar{I}CH\bar{b}PePsPiPs P \cdot P^{\circ}C\bar{I}PsP \pm C_r$
 $C \ddagger P_{\mu}C\bar{H}P_{\mu}P \cdot P\bar{h}PIC, PsPjP^{\circ}C, P\bar{e}P \cdot PsPIP^{\circ}PSC_r C-PSC, PsC\bar{H}PjP^{\circ}C \ddagger C-PN_{\bar{e}}PSC_r C\bar{I}P\bar{e}C\bar{I}C, P_{\mu}PjC_r P \cdot$
 $C, P^{\circ}C\bar{H}PjP^{\circ}PePsPSP^{\circ}PiP \gg C_{\bar{C}}P_rC_r P \cdot P^{\circ} P_iPsC\bar{I}P\bar{e}P \gg P^{\circ}PSPSC_{\bar{C}}Pj: <https://aisf.dec.gov.ua>$

$P\check{Y}P_{\mu}C\bar{H}PjC-PS P_iC\bar{H}P\bar{e}PrP^{\circ}C, PSP_{\bar{S}}C\bar{I}C, C-$. 2 $C\bar{H}PsPeP\bar{e}$.

$P\check{Y}P_{\mu}C\bar{H}PjC-PS P_iC\bar{H}P\bar{e}PrP^{\circ}C, PSP_{\bar{S}}C\bar{I}C, C- P_iC-C\bar{I}P \gg C_{\bar{C}} PIC-PrPeC\bar{H}P\bar{e}C, C, C_{\bar{C}} P \gg PsC, PeP^{\circ} \bar{b}\bar{H}'' 6$
 $C, P\bar{e}P \parallel PSC-PI$.

$PjPjPsPIP\bar{e} P \cdot P \pm P_{\mu}C\bar{H}C-PiP^{\circ}PSPSC_{\bar{C}}$

$P-P \pm P_{\mu}C\bar{H}C-PiP^{\circ}C, P\bar{e} P_iC\bar{H}P\bar{e} C, P_{\mu}PjP_iP_{\mu}C\bar{H}P^{\circ}C, C_rC\bar{H}C- PSP_{\mu} PIP\bar{e}C\%P_{\mu} 30 B^{\circ}P\check{Y}$. $P-P^{\circ}$
 $C_rPjPsPi P \cdot P \pm P_{\mu}C\bar{H}C-PiP^{\circ}PSPSC_{\bar{C}} C_r C...PsP \gg PsPrP\bar{e}P \gg CH\bar{b}PSP\bar{e}PeC_r C-PSPiP^{\circ}P \gg C_{\bar{C}}C, PsC\bar{H}$
 $C\bar{I}P \gg C-Pr P_iPsPIP_{\mu}C\bar{H}PSC_rC, P\bar{e} PrPs PeC-PjPSP^{\circ}C, PSP_{\bar{S}}C- C, P_{\mu}PjP_iP_{\mu}C\bar{H}P^{\circ}C, C_rC\bar{H}P\bar{e}$
 $C\%PsPSP^{\circ}PN_{\bar{e}}PjP_{\mu}PSC\epsilon P_{\mu} P \cdot P^{\circ} P_iPsPrP\bar{e}PSC_r PrPs PIP\bar{e}PePsC\bar{H}P\bar{e}C\bar{I}C, P^{\circ}PSPSC_{\bar{C}}$.

$P-P \pm P_{\mu}C\bar{H}C-PiP^{\circ}C, P\bar{e} C_r PSP_{\mu}PrPsC\bar{I}C, C_rP_iPSP_{\bar{S}}PjC_r PrP \gg C_{\bar{C}} PrC-C, P_{\mu}PN_{\bar{e}} PjC-C\bar{I}C \ddagger C-$.

$P-P \pm P_{\mu}C\bar{H}C-PiP^{\circ}C, P\bar{e} PI PsC\bar{H}P\bar{e}PiC-PSP^{\circ}P \gg CH\bar{b}PSC-PN_{\bar{e}} C_rP_iP^{\circ}PePsPIC \ddagger C- PrP \gg C_{\bar{C}}$
 $P \cdot P^{\circ}C...P\bar{e}C\bar{I}C, C_r PIC-Pr PIP_{\bar{S}}P \gg PsPiP\bar{e}$.

$P-P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC_rPIP^{\circ}C, P\bar{e} P_iC\bar{H}PsC, C_{\bar{C}}PiPsPj 6 C, P\bar{e}P \parallel PSC-PI P_iC-C\bar{I}P \gg C_{\bar{C}}$
 $PIC-PrPeC\bar{H}P\bar{e}C, C, C_{\bar{C}} P \gg PsC, PeP^{\circ}$.

$Pj C\bar{I}P_iP_{\mu}C \ddagger C-P^{\circ}P \gg CH\bar{b}PSP_{\bar{S}} PIC-PrPIP_{\mu}PrP_{\mu}PSP_{\bar{S}}PjC_r PjC-C\bar{I}C \ddagger C- P_iP^{\circ}C \ddagger C-C''PSC, C_r C\bar{I}P \gg C-Pr$
 $P \cdot P^{\circ}P \cdot PSP^{\circ}C \ddagger P\bar{e}C, P\bar{e} PeC-PSC \ddagger P_{\mu}PIC_r PrP^{\circ}C, C_r, P_iC-C\bar{I}P \gg C_{\bar{C}} C_{\bar{C}}PePsC- C-PSPiP^{\circ}P \gg C_{\bar{C}}C, PsC\bar{H}$
 $PSP_{\mu}PsP \pm C...C-PrPSP_{\bar{S}} PIP\bar{e}PeP\bar{e}PSC_rC, P\bar{e} P''P^{\circ}C, P^{\circ} PjP^{\circ}C'' P \pm C_rC, P\bar{e} P \cdot P^{\circ}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSP^{\circ}$

PsPrCḡP°P·Cṛ P¶ PīC-CṛP»Cḷ PrC-CṛC,P°PIP°PSPSCḷ C-PSPiP°P»CḷC,PSCḡP° P· P»PsC,PeP°.

PJṖiP°PePsPIPeP°. PḷPsCḡPsC€PsPe PrP»Cḷ C-PSPiP°P»CḷC†C-PNḷ, PrPsP·PsPIP°PSPëPNḷ, PīPs 55 PjPePi / 22 PjPePi / PrPsP·Cṛ, PīPs 30 PrPsP· Cṛ PīPsCḡPsC€PePsPIPsPjCṛ C-PSPiP°P»CḷC,PSCḡC- B,, - 1.

P†PSPiP°P»CḷC,PSCḡ PjC-CṛC,PeC,CH PrPIC- P±P»C-CṛC,PḷCḡPSC- CṛC,CḡC-C†PePë PīPs 30 CḡC-PIPPSPsPjC-CḡPSPs CḡPsP·PīPsPrC-P»PḷPSPëC... C†P°CḡCṛPSPsPe, PePsP¶PSP° P· CḷPePëC... PjC-CṛC,PeC,CH PīPs 1 PrPsP·C- PePsP¶PSPsC— PrC-CḡC†PsC— CḡPḷC†PsPIPëPSPë, C%Ps PrPsCṛC,P°PIP»CḷCḡC,CHCṛCḷ PsPrPSPsC†P°CṛPSPs.

PḷP»P°CṛC,PëPePsPIPëPNḷ C-PSPiP°P»CḷC,PSCḡ P·C- CṛPIC-C,P»Ps-CṛC-CḡPëPj PePsCḡPīCṛCṛPsPj, C†PḷCḡPIPsPSPëPj PePsPIPīP°C†PePsPj CḡPsP·PīPëP»CḡPIP°C†P° C,P° P»C-C†PëP»CHPSPëPePsPj PrPsP· CṛPīP°PePsPIP°PSPs PI P»PsC,PSPe P· C,,PsP»CHPiPë, C%Ps PjC-CṛC,PeC,CH PīP°PePḷC,PëPe P· PIPsP»PsPiPsPīPsPiP»PëPSP°C†PḷPj C-P· CṛPëP»C-PeP°PiPḷP»Cḡ. P>PsC,PSPe, P·P°PīP°CḷPSPëPNḷ PIC-PrCḡPëPIPPSPsCḡ PeCḡPëC€PePsCḡ, PīPsPjC-C%PḷPSPs Cṛ PeP°CḡC,PSPSPSCṛ PePsCḡPsP±PeCṛ.

PḷP°C,PḷPiPsCḡC-Cḷ PIC-PrPīCṛCṛPeCṛ. P—P° CḡPḷC†PḷPīC,PSPj. B

P°PëCḡPsP±PSPëPe. P°P»P°PeCṛPs PhPiPḷCḡPḷPNḷC€PSCṛ P®Pḷ P>C-PjC-C,PḷPr / Glaxo Operations UK Ltd. B

PḡC-CṛC†PḷP·PSP°C...PsPrP¶PḷPSPSCḷ PIPëCḡPsP±PSPëPeP° C,P° PNḷPsPiPs P°PrCḡPḷCṛP° PjC-CṛC†Cḷ PīCḡPsPIP°PrP¶PḷPSPSCḷ PrC-CḷP»CHPSPsCṛC,C-.
P°P»P°PeCṛPs PhPiPḷCḡPḷPNḷC€PSCṛ P®Pḷ P>C-PjC-C,PḷPr, PḷCḡP°PNḷPsCḡC- PṽC,CḡC-C,, P°PḷP°, SG12 0DJ, P°PḷP»PëPeP° P°CḡPëC,P°PSC-Cḷ / Glaxo Operations UK Ltd, Priory Street, Ware, SG12 0DJ, United Kingdom.

PḷCḡPḷPrCṛC,P°PIPSPëPe P·P°CḷPIPSPëPeP°. PṽPhP'
B<P°P»P°PeCṛPsPṽPjC-C,PḷP»CḷPNḷPs PḡP°CḡPjP°CṛCHCḡC,C-PeP°P»Cṛ PJPeCḡP°C—PSP°B».

PḡC-CṛC†PḷP·PSP°C...PsPrP¶PḷPSPSCḷ PīCḡPḷPrCṛC,P°PIPSPëPeP° P·P°CḷPIPSPëPeP°.
PJPeCḡP°C—PSP°, Pj. PḷPëC—PI, 02152, PīCḡPsCṛPīPḷPeC, PḷP°PIP»P° PṽPëC†PëPSPë, P±CṛPr. 1-P', C,PḷP»: (044) 585-51-85, C,,P°PeCṛ: (044) 585-51-92.

PṽP°PePsP¶ PīCḡPs CṛCṛC- PIPëPīP°PrPePë PīC-PrPsP·CḡCḡPIP°PSPëC... PīPsP±C-C†PSPëC... CḡPḷP°PeC†C-PNḷ C,P° PIC-PrCṛCṛC,PSPsCṛC,C- PḷC,,PḷPeC,PëPIPPSPsCṛC,C- P»C-PeP°CḡCṛCHPePsPiPs P·P°CṛPsP±Cṛ PjPsP¶PSP° PīPsPIC-PrPsPjP»CḷC,Pë PṽPhP'

* Pj C†CHbPsPjCr PrPsCfP»C-PrP¶PµPSPSC- PIPëPePsC¶PëCfC,PsPICrPIP°P»P°CfC¶
PiC¶PsC†PµPrCrC¶P° CfC,P°C,PëCfC,PëC†PSPsPiPs C,PµCfC,CrPIP°PSPSC¶ P·
PiPsCfC,CrPiPsPIPëPj P·PSPëP¶PµPSPSC¶Pj, C- C†Pµ PiPsC¶C-PIPSC¶PSPSC¶ P±CrP»Ps
PSPëP¶C†Pµ C¶C-PIPSC¶ PrPsCfC¶PiPSPµPSPSC¶ CfC,P°C,PëCfC,PëC†PSPsC—
P·PSP°C†CrC%PsCfC,C- PhC,P¶Pµ, PSPµ PjPsP¶PSP° P·C¶PsP±PëC,Pë PIPëCfCPSPsPIPeCr
PiC¶Ps CfC,P°C,PëCfC,PëC†PSCr P·PSP°C†CrC%C-CfC,CH C†CHbPsPiPs
PiPsC¶C-PIPSC¶PSPSC¶.

* PJ C†CHbPsPjCr PrPsCfP»C-PrP¶PµPSPSC- PIPëPePsCḡPëCfC,PsPICfPIP°P»P°CfC¶
PïCḡPsC†PµPrCrCḡP° CfC,P°C,PëCfC,PëC†PSPsPiPs C,PµCfC,CrPIP°PSPSC¶ P·
PïPsCfC,CrPïPsPIPëPj P·PSPëP¶PµPSPSC¶Pj, C- C†Pµ PïPsCḡC-PIPSC¶PSPSC¶ P±CrP»Ps
PSPëP¶C†Pµ CḡC-PIPSC¶ PrPsCfC¶PiPSPµPSPSC¶ CfC,P°C,PëCfC,PëC†PSPsC—
P·PSP°C†CrC‰PsCfC,C-. PhC,P¶Pµ, PSPµ PjPsP¶PSP° P·CḡPsP±PëC,Pë PIPëCfPSPsPIPeCr
PïCḡPs CfC,P°C,PëCfC,PëC†PSCr P·PSP°C†CrC‰C-CfC,CHb C†CHbPsPiPs
PïPsCḡC-PIPSC¶PSPSC¶.