

**PrP»CŮ PjPµPrPëC±PSPsPiPs P•P°CŮC,PsCŮCŮPIP°PSPSCŮ P»C-PëP°CŮCŮCŮPëPsPiPs
P•P°CŮPsP±CŮ**

PᵤP PₕP̂P̂P†P''

(PROSTID)

$$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma:$$
$$PrC-C\bar{H}C\ddagger P^{\circ} \ C\bar{H}P_{\mu}C\ddagger PsPIP\ddot{e}PSP^{\circ}: PrC\acute{r}C, P^{\circ}C\acute{r}C, P_{\mu}C\bar{H}P\ddot{e}Pr;$$

1 PeP°PiCÍCrP»P° PjBTM CЦPеP° PjC-CÍC,PëC,CH PrCrC,P°CÍC,PμC₇PëPrCr 0,5 PjPi;

PrPsPiPsPjC-P¶PSC- CḤPμC‡PsPIPëPSPë: PiP»C-C†PμCḤPëPSCr
PjPsPSPsPeP°PiCḤPëP»PsPeP°PiCḤP°C, Imwitor 742,
P±CrC,PëP»PiC-PrCḤPsPeCÍPëC,PsP»CrPsP»
(P• 321), P¶PμP»P°C,PëPS, PiP»C-C†PμCḤPëPS, C,PëC,P°PSCr PrC-PsPeCÍPëPr (P• 171),
P·P°P»C-P·P° PsPeCÍPëPr P¶PsPIC,PëPNë (P• 172), PIPsPrP° PsC‡PëC‰PμPSP°,
P±P°CḤPIPSPëPe Opcode Black Printing Ink NS-78-17821,
PeP°PiCḤPëP»PsPIPsC—/PeP°PiCḤPëPSPsPIPsC— PePëCÍP»PsC,Pë
C,CḤPëPiP»C-C†PμCḤPëPr Miglyol 812N.

$$\text{P} \gg \text{C} - \text{P} \text{e}^{\circ} \text{C} \text{H} \text{C} \text{I} \text{C} \text{H} \text{P} \text{e}^{\circ} \text{C}_{\text{m}} \text{P} \text{s} \text{C} \text{H} \text{P} \text{j} \text{P}^{\circ}. \text{P} \text{b} \text{P}^{\circ} \text{P} \text{i} \text{C} \text{I} \text{C} \text{r} \text{P} \gg \text{P} \text{e} \text{P} \text{j} \text{b} \text{H}^{\text{TM}} \text{C} \text{I} \text{P} \text{e} \text{C} -.$$

*PhCl'PSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C#PSC-
PIP»P°CÍ'C,PëPIPsCl'C,C-: PSPuPiCĤPsP·PsCĤC-, C,CĤPjCĤPSPs-P¶PsPIC,PsPiPs
PePsP»CĤPsCĤCÍ' PjBĤ™ CĤPeC- P¶[PuP»P°C,PëPSPsPIC- PeP°PiCÍ'CÍ'P»Pë PrPsPIPiP°CÍ'C,PsC—
C,,PsCĤPjPë, C%oPs PjC-CÍ'C,CĤC,CĤ PiCĤPsP·PsCĤCÍ' CĤC-PrPëPSCÍ' P· PSP°PrPiPëCÍ'PsPj
B«DUTA05B» C#PsCĤPSPëPj C—CÍ'C,C-PIPSPëPj C#PsCĤPSPëP»PsPj.*

[illegible]
$$P\alpha P^{\circ}C\dot{H}PjP^{\circ}P\epsilon P_sP\gg P_sPiC-C\dot{H}PSC-PIP\gg P^{\circ}C\dot{I}C,P\ddot{e}PIPsC\dot{I}C,C-.$$
$$P\bowtie P^{\circ}C\overline{H}PjP^{\circ}P\epsilon PsPrP\ddot{e}PSP^{\circ}PjC-P\epsilon P^{\circ}.$$

P^oCrC, P^oClC, P_μCHPëPr вт" PiPsPrPIC-PN₂PSPëPN₂ C-PSPiC-P±C-C, PsCH 5a-

СҗРµПрСрPeC, P°P·Pë, C%Ps PiP°P»CHPjCfC” CҗPe C, PëPĩ 1, C, P°Pe C- C, PëPĩ
2 C-P·PsC,, PµCҗPjPµPSC, C-PI 5a-CҗPµПрСрPeC, P°P·Pë, CҗPeC- PIC-PrPĩPsPIC-PrP°CHC, CH P·P°
PĩPµCҗPµC, PIPsCҗPµPSPSCҗ C, PµCҗC, PsCҗC, PµCҗPsPSCr PSP°
5a-PrPëPiC-PrCҗPsC, PµCҗC, PsCҗC, PµCҗPsPS. P”PëPiC-PrCҗPsC, PµCҗC, PsCҗC, PµCҗPsPS вҗ“
CҗPµ P°PSPrCҗPsPiPµPS, CҗPePëPñ, Cҗ PĩPµCҗCëCҗ CҗPµCҗPiCҗ, PIC-PrPĩPsPIC-PrP°C” P·P°
PiC-PĩPµCҗPĩP»P°P·C-CH C, PeP°PSPëPSPë PĩPµCҗPµПрPjC-C...CҗCҗPsPIPSc— P·P°P»PsP·Pë.
PñP°PeCҗPëPjP°P»CHPSPµ P·PjPµPSCëPµPSPSCҗ PrPëPiC-PrCҗPsC, PµCҗC, PsCҗC, PµCҗPsPSCr
PSP° C, P»C- PĩCҗPëPñPsPjCҗ PµCҗPsCҗC, C-PrCҗ P·P°P»PµPҗPëC, CH PIC-Pr PrPsP·Pë C-
CҗPĩPsCҗC, PµCҗC-PiP°C”C, CHCҗCҗ Cҗ PĩPµCҗCëC- 1вҗ“2 C, PëPҗPSC-. PµC-CҗP»Cҗ
PĩPµCҗCëPsPiPs C, P° PrCҗCҗPiPsPiPs C, PëPҗPSCҗ P·P°CҗC, PsCҗCҗPIP°PSPSCҗ
PµCҗPsCҗC, C-PrCҗ Cҗ PrPsP±PsPIC-Pñ PrPsP·C- 0,5 PjPi CҗPµCҗPµПрPSCҗ
PePsPSCҗPµPSC, CҗP°CҗC-Cҗ PrPëPiC-PrCҗPsC, PµCҗC, PsCҗC, PµCҗPsPSCr
P·PjPµPSCëCҗC”C, CHCҗCҗ PSP° 85 C- 90 % PIC-PrPĩPsPIC-PrPSPs.

Pj PĩP°CҗC-C”PSC, C-PI C-P· PrPsP±CҗPsCҗPeC-CҗPSPsCH PiC-PĩPµCҗPĩP»P°P·C-C”CH
PĩPµCҗPµПрPjC-C...CҗCҗPsPIPSc— P·P°P»PsP·Pë, CҗPeC- PsC, CҗPëPjCҗPIP°P»Pë 0,5 PjPi
PrCҗC, P°CҗC, PµCҗPëPrCҗ PSP° PrPsP±Cҗ, CҗPµCҗPµПрPSC” P·PSPëPҗPµPSPSCҗ CҗC-PIPSCҗ
PrPëPiC-PrCҗPsC, PµCҗC, PsCҗC, PµCҗPsPSCr CҗC, P°PSPsPIPëP»Ps 94 % CҗPµCҗPµP·
1 CҗC-Pe C- 93 % вҗ“ CҗPµCҗPµP· 2 CҗPsPePë P»C-PeCҗPIP°PSPSCҗ, CҗPµCҗPµПрPSC-Pñ
CҗC-PIPµPSCCH C, PµCҗC, PsCҗC, PµCҗPsPSCr PiC-PrPIPëC%CҗPIP°PICҗCҗ PSP° 19 %
CҗPµCҗPµP· 1 C- CҗPµCҗPµP· 2 CҗPsPePë.

PαP°CҗPjP°PePsPeC-PSPµC, PëPeP°.

P”CҗC, P°CҗC, PµCҗPëPr P·P°CҗC, PsCҗPsPICrPIP°C, Pë PĩPµCҗPsCҗP°P»CHPSPs Cҗ
PIPëPiP»CҗPrC- CҗPsP·CҗPëPSCr Cҗ Pjвҗ™ CҗPePëC... PҗPµP»P°C, PëPSPsPIPëC...
PeP°PĩCҗCҗP»P°C.... PµC-CҗP»Cҗ PĩCҗPëPñPsPjCҗ CҗP°P·PsPIPSc— PrPsP·Pë 0,5 PjPi PĩC-Pe
PePsPSCҗPµPSC, CҗP°CҗC-C— PĩCҗPµPĩP°CҗP°C, Cҗ Cҗ CҗPëCҗPsPIP°C, CҗC- PeCҗPsPIC-
CҗPĩPsCҗC, PµCҗC-PiP°C”C, CHCҗCҗ CҗPµCҗPµP· 1вҗ“3 PiPsPrPëPSPë. PñP±CҗPsP»CHC, PSP°
P±C-PsPrPsCҗC, CҗPĩPSC-CҗC, CH CҗC, P°PSPsPIPëC, CH 60 %. P’C-PsPrPsCҗC, CҗPĩPSC-CҗC, CH
PSPµ P·P°P»PµPҗPëC, CH PIC-Pr PĩCҗPëPñPsPjCҗ C-PҗC-.

P”CҗC, P°CҗC, PµCҗPëPr PiC-CҗP»Cҗ PsPrPSPsCҗP°P·PsPIPsiPs P°P±Ps
P±P°PiP°C, PsCҗP°P·PsPIPsiPs PĩCҗPëPñPsPjCҗ PjP°C” PIPµP»PëPePëPñ PsP±вҗ™ C”Pj
CҗPsP·PĩPsPrC-P»Cҗ (PIC-Pr 300 PrPs 500 P»). P’C-PrCҗPsC, PsPe P·Piвҗ™ CҗP·CҗPIP°PSPSCҗ P·
P±C-P»PeP°PjPë PeCҗPsPIC- вҗ“ PĩPsPSP°Pr 99,5 %.

PµCҗPë P·P°CҗC, PsCҗCҗPIP°PSPSC- Cҗ PrPsP±PsPIC-Pñ PrPsP·C- 0,5 PjPi 65 %
PĩPsCҗC, C-PñPSPSc— CҗC, C-PñPePsC— PePsPSCҗPµPSC, CҗP°CҗC-C—
PrCҗC, P°CҗC, PµCҗPëPrCҗ Cҗ CҗPëCҗPsPIP°C, CҗC- PeCҗPsPIC- PrPsCҗCҗPiP°C”C, CHCҗCҗ
CҗPµCҗPµP· 1 PjC-CҗCҗCҗCH P»C-PeCҗPIP°PSPSCҗ C- PĩCҗPëP±P»PëP·PSPs 90 % вҗ“
CҗPµCҗPµP· 3 PjC-CҗCҗCҗC- . PҗC, P°P±C-P»CHPSP° PePsPSCҗPµPSC, CҗP°CҗC-Cҗ
PrCҗC, P°CҗC, PµCҗPëPrCҗ PĩCҗPëP±P»PëP·PSPs 40 PSPI/PjP» Cҗ CҗPëCҗPsPIP°C, CҗC-
PeCҗPsPIC- PrPsCҗCҗPiP°C”C, CHCҗCҗ PiC-CҗP»Cҗ 6 PjC-CҗCҗCҗC-PI P»C-PeCҗPIP°PSPSCҗ
Cҗ PrPsP±PsPIC-Pñ PrPsP·C- 0,5 PjPi. PĩPe C- Cҗ CҗPëCҗPsPIP°C, CҗC- PeCҗPsPIC-,
CҗC, C-PñPeP° PePsPSCҗPµPSC, CҗP°CҗC-Cҗ PrCҗC, P°CҗC, PµCҗPëPrCҗ Cҗ
CҗC-Pjвҗ™ CҗPSC-Pñ CҗC-PrPëPSC- PrPsCҗCҗPiP°C”C, CHCҗCҗ CҗPµCҗPµP· 6
PjC-CҗCҗCҗC-PI. PµC-CҗP»Cҗ 52 C, PëPҗPSC-PI P»C-PeCҗPIP°PSPSCҗ CҗPµCҗPµПрPSCҗ
PePsPSCҗPµPSC, CҗP°CҗC-Cҗ PrCҗC, P°CҗC, PµCҗPëPrCҗ Cҗ CҗC-Pjвҗ™ CҗPSC-Pñ
CҗC-PrPëPSC- CҗC, P°PSPsPIPëC, CH 3,4 PSPI/PjP» (Cҗ PjPµPҗP°C...
0,4вҗ“14 PSPI/PjP»). P’C-PrCҗPsC, PsPe CҗPsP·PĩPsPrC-P»PµPSPSCҗ PrCҗC, P°CҗC, PµCҗPëPrCҗ
C-P· CҗPëCҗPsPIP°C, PePë PeCҗPsPIC- PrPs CҗC-Pjвҗ™ CҗPSPSc— CҗC-PrPëPSPë вҗ“

РiСҢРёР±Р»РёР·РSPs 11,5 %.

In vitro РrСrС,Р°СГС,РµСҢРёРr РjРµС,Р°Р±РsР»С-Р·СrС”С,СҢСГСЦ C,,РµСҢРjРµРSC,Р°РjРё
CYP3A4 С†РёС,РsС...СҢРsРjСr Р 450 Р»СҢРrРёРSPё РrРs РrРiРsС...
РjРsРSPsРiС-РrСҢРsРeСГРёР»СҢРSPёС... РjРµС,Р°Р±РsР»С-С,С-Рi.

Р—Р° РrР°РSPёРjРё СГРiРµРeС,СҢРsРjРµС,СҢРёС†РSPsРiРs Р°РSP°Р»С-Р·Сr Сr
СГРёСҢРsРiР°С,С†С- РeСҢРsРiС- Р»СҢРrРёРSPё РiРёСЦiРiР»СЦС”С,СҢСГСЦ
РSPµР·РjС-РSPµРSPёРNё РrСrС,Р°СГС,РµСҢРёРr, С,СҢРё РiРsР»РsРiРSPёС...
РjРµС,Р°Р±РsР»С-С,Рё (4’-РiС-РrСҢРsРeСГРёРёРrСrС,Р°СГС,РµСҢРёРr, 1,2-
РrРёРiС-РrСҢРsРrСrС,Р°СГС,РµСҢРёРr С-
6-РiС-РrСҢРsРeСГРёРёРrСrС,Р°СГС,РµСҢРёРr) С- 2 РjР°Р»РёС... РjРµС,Р°Р±РsР»С-С,Рё (6,4’-
РrРёРiС-РrСҢРsРeСГРёРёРrСrС,Р°СГС,РµСҢРёРr С-
15- РiС-РrСҢРsРeСГРёРёРrСrС,Р°СГС,РµСҢРёРr).

Р”СrС,Р°СГС,РµСҢРёРr С-РSC,РµРSCГРёРiРSPs РjРµС,Р°Р±РsР»С-Р·СrС”С,СҢСГСЦ.
РµС-СГР»СЦ РiРµСҢРsСҢР°Р»СҢРSPsРiРs РiСҢРёРNёРsРjСr РrСrС,Р°СГС,РµСҢРёРrСr Сr
РrРsР·С- 0,5 РjРi/РrРsР±Сr РiС-Рr 1 РrРs 15,4 % (Сr СГРµСҢРµРrРrРSCҢРsРjСr 5,4 %)
Р·Р°СГС,РsСГРsРiР°РSPsС— РrРsР·Рё РiРёРiРsРrРёС,СҢСГСЦ Р· С,,РµРeР°Р»С-СЦiРjРё Сr
РiРёРiР»СЦiРrС- РSPµР·РjС-РSPµРSPsРiРs РrСrС,Р°СГС,РµСҢРёРrСr. Р РµС,Р°
Р·Р°СГС,РsСГРsРiР°РSPsС— РrРsР·Рё РiРёРiРsРrРёС,СҢСГСЦ Сr РiРёРiР»СЦiРrС-
РjРµС,Р°Р±РsР»С-С,С-Рi.

Рj СГРµСҢС- РiРёСЦiРiР»СЦСҢС,СҢСГСЦ Р»РёСРµ РiР»С-РrРё РSPµР·РjС-РSPµРSPsРiРs
РrСrС,Р°СГС,РµСҢРёРrСr (РjРµРSCРµ Рµ 0,1 % Р·Р°СГС,РsСГРsРiР°РSPsС— РrРsР·Рё).
РҗС-РSC†РµРiРёРNё РiРµСҢС-РsРr РSP°РiС-РiРiРёРiРµРrРµРrРSPSCЦ РrСrС,Р°СГС,РµСҢРёРrСr
СГС,Р°РSPsРiРёС,СҢ 3вҢ”5 С,РёРPҢРSC-Рi. Р—Р°Р»РёСРё РrСrС,Р°СГС,РµСҢРёРrСr Сr
СГРёСҢРsРiР°С,С†С- РeСҢРsРiС- РjРsРҢСrС,СҢ Р±СrС,Рё РiРёСЦiРiР»РµРSC- С†РµСҢРµР·
4вҢ”6 РjС-СГСЦiС†С-Рi РiС-СГР»СЦ Р·РёС-РSC†РµРrРSPSCЦ Р»С-РeСrРiР°РSPSCЦ.

Р—Р° РrР°РSPёРjРё РiРёРiС†РµРrРSPSCЦ С,,Р°СҢРjР°РeРsРeС-РSPµС,РёРeРё С,Р°
С,,Р°СҢРjР°РeРsРrРёРSP°РjС-РeРё, Р·РjС-РSCҢРiР°С,Рё РrРsР·Сr РrСrС,Р°СГС,РµСҢРёРrСr
Р·РiС-РrРSPs Р· РiС-РeРsРj РiР°С†С-С”РSC,Р° РSPµ РiРsС,СҢС-Р±РSPs.

Р’РiР»РёРi РSPёСҢРeРsРiРsС— РSPµРrРsСГС,Р°С,РSPsСГС,С- РSP°
С,,Р°СҢРjР°РeРsРeС-РSPµС,РёРeСr РrСrС,Р°СГС,РµСҢРёРrСr РSPµ РiРёРiС†Р°Р»Р»Рё Рё. РҗРrРSP°Рe
РiСҢРё РiСҢРёРNёРsРjС- 0,5 РjРi РrСrС,Р°СГС,РµСҢРёРrСr С-Р· СГРµСҢРµРrРrРSCҢ Сr Р»СҢРrРёРSPё
РiРёРiРsРrРёС,СҢСГСЦ РjРµРSCРµ Рµ 0,1 % РrРsР·Рё, С,РsРjСr Р·РjС-РSCҢРiР°С,Рё РrРsР·Сr
РiР°С†С-С”РSC,Р°Рj Р· РSPёСҢРeРsРiРsСҢ РSPµРrРsСГС,Р°С,РSC-СГС,СҢ РSPµ
РiРsС,СҢС-Р±РSPs.

Р’РiР»РёРi РiРµСҢС-РSPeРsРiРsС— РSPµРrРsСГС,Р°С,РSPsСГС,С- РSP°
С,,Р°СҢРjР°РeРsРeС-РSPµС,РёРeСr РrСrС,Р°СГС,РµСҢРёРrСr РSPµ РiРёРiС†Р°Р»Р»Рё Рё (РrРёРi.
СҢРsР·РrС-Р»Рё В«РҮРiРsСГС-Р± Р·Р°СГС,РsСГСrРiР°РSPSCЦ С,Р° РrРsР·РёВ» С-
В«РҗСГРsР±Р»РёРiРsСГС,С- Р·Р°СГС,РsСГСrРiР°РSPSCЦВ»).

Р’РµР·РiРµР° С,Р° РeР»»С-РSC-С†РSC- РrРsСГР»С-РrРҢРµРSPSCЦ.

РҮРµСҢС†РµРiРiР° РSPµРrРsСГС,Р°С,РSC-СГС,СҢ

Рj С†РsС,РёСҢРёСҢС-С†РSPsРjСr РeР»»С-РSC-С†РSPsРjСr РrРsСГР»С-РrРҢРµРSC-
Р·Р°СГС,РsСГСrРiР°РSPSCЦ РrСrС,Р°СГС,РµСҢРёРrСr Рi РiРsС”РrРSP°РSPSC- Р·
С,Р°РjСГСrР»РsР·РёРSPsРj РrР»»СЦ Р»С-РeСrРiР°РSPSCЦ РrРsР±СҢРsСЦiРeС-СГРSPsС—

PiC-PiPμCḡPiP»P°P·C-C— PiPμCḡPμPrPjC-C...CfCḡPsPIPsC— P·P°P»PsP·Pë Cf
 4844 C‡PsP»PsPIC-PeC-PI (PrPsCfP»C-PrP¶PμPSPSC¶ CombAT) C‡P°CfC,PsC,P°
 PIPëPSPëPePSPμPSPSC¶ CfPμCḡC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- (P·P±C-CḡPSPμ
 PiPsPSC¶C,C,C¶) Cf PiCḡCfPiC- PePsPjP±C-PSPsPIP°PSPsC— C,PμCḡP°PiC-C— (14/1610, 0,9 %)
 P±CfP»P° PIPëC‰PsCḡ, PSC-P¶ Cf P±CfPrCḡ-C¶PeC-PNë PiCḡCfPiC-
 PjPsPSPsC,PμCḡP°PiC-C— PrCfC,P°CfC,PμCḡPëPrPsPj (4/1623, 0,2 %) P°P±Ps
 C,P°PjCfCfP»PsP·PëPSPsPj (10/1611, 0,6 %).

P' PsPeCḡPμPjPsPjCf C‡PsC,PëCḡPëCḡC-C‡PSPsPjCf PeP»C-PSC-C‡PSPsPjCf
 PiPsCḡC-PIPSCLIP»CHPSPsPjCf PrPsCfP»C-PrP¶PμPSPSC- PiP»P°C†PμP±Ps P·
 C...C-PjC-PsPiCḡPsC,,C-P»P°PeC,PëPePsCḡ PrCfC,P°CfC,PμCḡPëPrPsPj P· CfC‡P°CfC,Cḡ 8231
 C‡PsP»PsPIC-PeP° PIC-PePsPj PIC-Pr 50 PrPs 75 CḡPsPeC-PI P· PiPsPiPμCḡPμPrPSCḡPs
 PSPμPiP°C,PëPIPSPëPj CḡPμP·CfP»CHC,P°C,PsPj P±C-PsPiCfC-C— CfC,PsCfPsPIPSs CḡP°PeCf
 PiCḡPsCfC,P°C,Pë C- PiPsC‡P°C,PePsPIPëPj CḡC-PIPSμPj PSA PjC-P¶ 2,5 PSPi/PjP» C- 10,0
 PSPi/PjP» Cf C‡PsP»PsPIC-PeC-PI PIC-Pr 50 PrPs 60 CḡPsPeC-PI P°P±Ps 3 PSPi/PjP» C- 10,0
 PSPi/PjP» Cf C‡PsP»PsPIC-PeC-PI PIC-PePsPj PIC-Pr 60 CḡPsPeC-PI (PrPsCfP»C-PrP¶PμPSPSC¶
 REDUCE) P±CfP»Ps PICfC,P°PSPsPIP»PμPSPs, C‰Ps C‡P°CfC,PsC,P° PIPëPSPëPePSPμPSPSC¶
 CfPμCḡC†PμPIPsC— PSPμPrPsCfC,P°C,PSPsCfC,C- Cf PiP°C†C-C°PSC,C-PI, C¶PeC-
 PiCḡPëPNëPjP°P»Pë PrCfC,P°CfC,PμCḡPëPr 0,5 PjPi 1 CḡP°P· PSP° PrPμPSCḡ (30/4105, 0,7 %),
 PIPëC‰P° PiPsCḡC-PIPSCLIPSPs P· PiP°C†C-C°PSC,P°PjPë, C¶PeC- PiCḡPëPNëPjP°P»Pë
 PiP»P°C†PμP±Ps (16/4126,
 0,4 %). Pj CḡPμC,CḡPsCfPiPμPeC,PëPIPSsPjCf P°PSP°P»C-P·C- C†CHPsPiPs
 PrPsCfP»C-PrP¶PμPSPSC¶ PiPsPeP°P·P°PSP° PIPëC‰P° C‡P°CfC,PsC,P° CfPμCḡC†PμPIPsC—
 PSPμPrPsCfC,P°C,PSPsCfC,C- Cf PiP°C†C-C°PSC,C-PI, C¶PeC- PiCḡPëPNëPjP°P»Pë
 PrCfC,P°CfC,PμCḡPëPr C- P°P»CHC,,P°-P±P»PsPeP°C,PsCḡ PsPrPSPsC‡P°CfPSPs (12/1152, 1,0
 %), PiPsCḡC-PIPSCLIPSPs P· CfCfP±Bḡ™ C°PeC,P°PjPë, C¶PeC- PiCḡPëPNëPjP°P»Pë
 PrCfC,P°CfC,PμCḡPëPr P±PμP· P°P»CHC,,P°-P±P»PsPeP°C,PsCḡP° (18/2953,
 0,6 %), PiP»P°C†PμP±Ps C- P°P»CHC,,P°-P±P»PsPeP°C,PsCḡ (1/1399, < 0,1 %) P°P±Ps
 PiP»P°C†PμP±Ps P±PμP· P°P»CHC,,P°-P±P»PsPeP°C,PsCḡP° (15/2727, 0,6
 %). PμCḡPëC‡PëPSPSPsPiPs P·PiBḡ™ C¶P·PeCf PjC-P¶ P·P°CfC,PsCfCfPIP°PSPSC¶Pj
 PrCfC,P°CfC,PμCḡPëPrCf (PsPeCḡPμPjPs P°P±Ps Cf PePsPjP±C-PSP°C†C-C— P· P°P»CHC,,P°-
 P±P»PsPeP°C,PsCḡP°PjPë) C,P° PIPëPSPëPePSPμPSPSC¶Pj CfPμCḡC†PμPIPsC—
 PSPμPrPsCfC,P°C,PSPsCfC,C- PICfC,P°PSPsPIP»PμPSPs PSPμ P±CfP»Ps (PrPëPI. CḡPsP·PrC-P»
 B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSC¶B»).

*P P°Pe PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë C-
 PSPëP·CHPePsPrPëC,,PμCḡPμPSC†C-PNëPsPIP°PSC- PiCḡC...P»PëPSPë*

Pj C‡PsC,PëCḡPëCḡC-C‡PSPsPjCf PiPsCḡC-PIPSCLIP»CHPSPsPjCf PrPsCfP»C-PrP¶PμPSPSC-
 PiP»P°C†PμP±Ps C,P° PrCfC,P°CfC,PμCḡPëPrCf P· CfC‡P°CfC,Cḡ
 8231 C‡PsP»PsPIC-PeP° PIC-PePsPj PIC-Pr 50 PrPs 75 CḡPsPeC-PI P· PiPsPiPμCḡPμPrPSCḡPs
 PSPμPiP°C,PëPIPSPëPj CḡPμP·CfP»CHC,P°C,PsPj P±C-PsPiCfC-C— CfC,PsCfPsPIPSs CḡP°PeCf
 PiCḡPsCfC,P°C,Pë C- PiPsC‡P°C,PePsPIPëPj CḡC-PIPSμPj PSA PjC-P¶ 2,5 PSPi/PjP» C- 10,0
 PSPi/PjP» Cf C‡PsP»PsPIC-PeC-PI PIC-Pr 50 PrPs 60 CḡPsPeC-PI P°P±Ps 3 PSPi/PjP» C- 10,0
 PSPi/PjP» Cf C‡PsP»PsPIC-PeC-PI PIC-PePsPj PIC-Pr 60 CḡPsPeC-PI (PrPsCfP»C-PrP¶PμPSPSC¶
 REDUCE) 6706 CfCfP±Bḡ™ C°PeC,P°Pj P±CfP»P° PiCḡPsPIPμPrPμPSP° PiPsP»PePsPIP°
 P±C-PsPiCfC-C¶ PiCḡPsCfC,P°C,Pë (PsP±PsPiBḡ™ C¶P·PePsPIP° P·P° PiPμCḡPIPëPSPSPëPj
 PiCḡPsC,PsPePsP»PsPj), PrP°PSC- C¶PePsC— P±CfP»Pë PIPëPePsCḡPëCfC,P°PSC- PrP»C¶
 P°PSP°P»C-P·Cf PrPëC,,PμCḡPμPSC†C-CHPIP°PSPSC¶ P·P° CëPeP°P»PsCḡ P°P»C-CfPsPSP°. Pj
 PrPsCfP»C-PrP¶PμPSPSC- P±CfP»Ps PIPëC¶PIP»PμPSPs 1517 PiP°C†C-C°PSC,C-PI P·
 PrC-P°PiPSPsP·PsPj CḡP°Pe PiCḡPsCfC,P°C,Pë. P' C-P»CHCëC-CfC,CH PiCfC...P»PëPS

РiСґґPсСiС,Р°С,Рө (70 %), РiРөСiРiР»РiРPSPөС... Р·Р° РrPsPіPsPjPsPiPsСґ Р±С-РsРiСiС-С— Рi PsP±PsC... РiСґґСrРiР°С... Р»С-РeСrРiР°РSPSCi, РjР°Р»Рө РiРөСiРsРeРөР№ СґС-РiРiРPSCґ РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCi (5вґґ"6 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP°).

PJ РiСґґСrРiС- РrСrС,Р°СiС,РiСґґРөРrСr Р·Р°СґРiС"СiС,СґPsРiР°PSPs Р±С-Р»СґСө РiРөСiРsРeСr СiР°СiС,PsC,Сr (n=29, 0,9 %)
PSPөР·СґРePsРrРөС,,РiСґґРiРPSCiС-Р№PsРiР°РSPsPiPs СґР°РeСr РiСґґPсСiС,Р°С,Рө (8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP°) РiPsСґС-РiРSCiPSPs Р· РiСґґСrРiPsСґ РiР»Р°СiРiРs (n=19, 0,6 %) (Сґґ=0,15). PJ 1вґґ"2-Р№ СґPsРeРө РrPsСiР»С-РrРiРiРPSPSCi РeС-Р»СґРeС-СiС,Сґ РiР°СiС-С"РSC,С-Рi Р· СґР°РePsРj РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р· РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCiРj 8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP° Сr Р±СrР»Р° РsРrPSP°РePsРiPsСґ Рi РiСґґСrРiС- РrСrС,Р°СiС,РiСґґРөРrСr (n=17, 0,5 %) С- Рi РiСґґСrРiС- РiР»Р°СiРiРs (n=18, 0,5 %). PJ 3вґґ"4-Р№ СґPsРeРө РrPsСiР»С-РrРiРiРPSPSCi Р±С-Р»СґСөР° РeС-Р»СґРeС-СiС,Сґ РiРөРiР°РrРeС-Рi СґР°РeСr РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р· РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCiРj 8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP° Р±СrР»Р° РrС-Р°РiРSPсСiС,PsРiР°РSP° Сr РiСґґСrРiС- РrСrС,Р°СiС,РiСґґРөРrСr (n=12, 0,5 %) РiPsСґС-РiРSCiPSPs Р· РiСґґСrРiPsСґ РiР»Р°СiРiРs (n=1, <0,1 %) (Сґґ=0,0035). РкРiРjР°С" РrР°РSPөС... РiСґґPs РiРiР»РөРi РSP° СґРөР·РөРe СґPsР·РiРөС,РeСr СґР°РeСr РiСґґPсСiС,Р°С,Рө Сr СiPs»PsРiС-РeС-Рi, СiРeС- РiСґґРөР№РjР°СґС,Сґ РrСrС,Р°СiС,РiСґґРөРr РiPsPSP°Рr 4 СґPsРeРө. Р'С-РrСiРsC,PsРe РiР°СiС-С"РSC,С-Рi Р· РrС-Р°РiРSPsР·PsРj СґР°РeСr РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р· РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCiРj 8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP° Р·Р±РiСґС-РiР°РiСiС РiPsСiС,С-Р№PSPөРj Сr СґС-Р·PSC- РiРiСґС-PsРrРө РrPsСiР»С-РrРiРiРPSPSCi (1вґґ"2-Р№ СґPsРeРө, 3вґґ"4-Р№ СґPsРeРө) Сr РiСґґСrРiС- РrСrС,Р°СiС,РiСґґРөРrСr (0,5 % Сr РePsРiРiРS РiРiСґґС-PsРr СiР°СiС), Сr С,PsР№ СiР°СiС СiРe Сr РiСґґСrРiС- РiР»Р°СiРiРs РiС-РrСiРsC,PsРe РiР°СiС-С"РSC,С-Рi С-Р· PSPөР·СґРePsРrРөС,,РiСґґРiРPSCiС-Р№PsРiР°РSPөРj СґР°РePsРj РiСґґPсСiС,Р°С,Рө (8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP°) Р±СrРi РSPөРiСiРөРj Сr 3вґґ"4-Р№ СґPsРeРө, РSC-Рi Сr 1вґґ"2-Р№ СґPsРeРө (< 0,1 % С- 0,5 % РiС-РrРiPsРiС-РrPSPs) (РrРөРi. СґPsР·РrС-Р» В«РґСiРsР±Р»РөРiPsСiС,С- Р·Р°СiС,PsСiСrРiР°РSPSCiВ»). РкРi Р±СrР»Рs РSC-СiРePsС— СґС-Р·PSPөСiС- Рi СiР°СiС,PsC,С- СґР°РeСr РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р· РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCiРj 7вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP° (Сґґ=0,81).

PJ СiPsC,РөСґРөСґС-СiPSPsРjСr РeР»С-РSC-СiPSPsРjСr РrPsСiР»С-РrРiРiРPSPSC- Р»С-РeСrРiР°РSPSCi РrPsР±СґPsСiРeС-СiРSPsС— РiС-РiРiСґРiР»Р°С-С— РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө (Combat), РrРi РiРiСґґРiРPSPSPөРj РiСґґPs,PsРePsР»PsРj РSPi Р±СrР»Рs РiРiСґґРiРP±Р°СiРPSPs PsР±PsРiВґ™ СiР·РePsРiСr Р±С-РsРiСiС-Сґ, С- РiСiС- РrС-Р°РiРSPsР·Рө СґР°РeСr РiСґґPсСiС,Р°С,Рө Р±СrР»Рs РiСiС,Р°РSPsРiР»РiРPSC- РSP° Р±С-РsРiСiС-С— Р·Р° РiPsРeР°Р·Р°РSPSCiРjРө, СiР°СiС,PsC,Р° СґР°РeСr РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р· РrРөС,,РiСґґРiРPSCiС-СґРiР°РSPSCiРj 8вґґ"10 Р±Р°Р»С-Рi Р·Р° СөРeР°Р»PsСґ Р"Р»С-СiРsPSP° Р±СrР»Рs (n=8, 0,5 %) вґґ" Сr РiСґґСrРiС- РrСrС,Р°СiС,РiСґґРөРrСr, (n=11, 0,7 %) вґґ" Сr РiСґґСrРiС- С,Р°РjСiСrР»PsР·РөРSCr С,Р° (n=5, 0,3 %) вґґ" Сr РiСґґСrРiС- РePsРjР±С-РSPsРiР°РSPsС— С,РiСґР°СiС—.

Р—РiВґ™ СiР·РsРe РjС-Рi Р·Р°СiС,PsСiСrРiР°РSPSCiРj РrСrС,Р°СiС,РiСґґРөРrСr С,Р° РiРөРSPөРeРSPiРPSPSCiРj РSPөР·СґРePsРrРөС,,РiСґґРiРPSCiС-Р№PsРiР°РSPsPiPs СґР°РeСr РiРiСґґРiРPjС-С...СrСґPsРiPsС— Р·Р°Р»PsРө Р·Р°Р»РөР°С"С,СґСiСiС РSPiР·Вґ™ СiСiРiРiР°РSPөРj.

P P°Pe PiCḡCžPrPSPsC— P·P°P»PsP·Pë Cž CžPsP»PsPIC-PeC-PI

P°PIP° PIPëPïP°PrPsPe-PePsPSC, CḡPsP»CHḡPsPIP°PSC- PμPïC-PrPμPjC-PsP»PsPiC-CžPSC- PrPsCḡP»C-PrP¶PμPSPSCḡ, PsPrPSPμ PïCḡPsPIPμPrPμPSPs Cḡ PŸPëPḡ (n=339 PIPëPïP°PrPeC-PI CḡP°PeCḡ PiCḡCḡPrPSPsC— P·P°P»PsP·Pë C- n=6780 Cḡ PiCḡCḡPïC-PePsPSC, CḡPsP»Cḡ), P° C-PSCëPμ Cḡ P°PμP»PëPeC-PMḡ P°CḡPëC, P°PSC-C— (n=398 PIPëPïP°PrPeC-PI CḡP°PeCḡ PjPsP»PsCžPSPsC— P·P°P»PsP·Pë C- n=3930 Cḡ PiCḡCḡPïC-PePsPSC, CḡPsP»Cḡ), PSPμ PïPsPeP°P·P°P»Pë PSC-CḡPePsPiPs P·P±C-P»CHḡCëPμPSPSCḡ CḡPëP·PëPeCḡ CḡPsP·PIPëC, PeCḡ CḡP°PeCḡ PiCḡCḡPrPSPsC— P·P°P»PsP·Pë Cḡ CžPsP»PsPIC-PeC-PI PïCḡPë P·P°CḡC, PsCḡCḡPIP°PSPSC- C-PSPiC-P±C-C, PsCḡC-PI 5α-CḡPμPrCḡPeC, P°P·Pë. P PμP·CḡP»CHḡC, P°C, Pë PïPμCḡCëPsPiPs PrPsCḡP»C-PrP¶PμPSPSCḡ PSPμ PIPëCḡPIPëP»Pë P·Pḡḡ™ CḡP·PeCḡ P· CḡP°PePsPj PiCḡCḡPrPSPsC— P·P°P»PsP·Pë (PIC-PrPSPsCḡPSPëPNḡ CḡPëP·PëPe Cḡ CḡP°P·C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡ ³ 1 CḡPsPeCḡ PrPs PICḡC, P°PSPsPIP»PμPSPSCḡ PrC-P°PiPSPsP·Cḡ CḡP°PeCḡ PjPsP»PsCžPSPsC— P·P°P»PsP·Pë PïPsCḡC-PIPSCḡPSPs P· P·P°CḡC, PsCḡCḡPIP°PSPSCḡPj < 1 CḡPsPeCḡ: 0,70: 95 % P°P† 0,34, 1,45). Pj PrCḡCḡPiPsPjCḡ PrPsCḡP»C-PrP¶PμPSPSC- PIC-PrPSPsCḡPSPëPNḡ CḡPëP·PëPe CḡP°PeCḡ PjPsP»PsCžPSPsC— P·P°P»PsP·Pë, PïPsPḡḡ™ CḡP·P°PSPëPNḡ C-P· P·P°CḡC, PsCḡCḡPIP°PSPSCḡPj C-PSPiC-P±C-C, PsCḡC-PI 5α-CḡPμPrCḡPeC, P°P·Pë PïPsCḡC-PIPSCḡPSPs P· PIC-PrCḡCḡC, PSC-CḡC, Cḡ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ, CḡC, P°PSPsPIPëPI 1,08: 95 % P°P† 0,62, 1,87).

PμCḡPëCžPëPSPSPëPNḡ P·Pḡḡ™ CḡP·PsPe PjC-P¶ PIPëPïP°PrPeP°PjPë CḡP°PeCḡ PiCḡCḡPrPSPsC— P·P°P»PsP·Pë Cḡ CžPsP»PsPIC-PeC-PI C, P° PrPsPIPiPsC, CḡPëPIP°P»PëPj P·P°CḡC, PsCḡCḡPIP°PSPSCḡPj PrCḡC, P°CḡC, PμCḡPëPrCḡ PSPμ PICḡC, P°PSPsPIP»PμPSPs.

PḡP»C-PSC-CžPSC- C...P°CḡP°PeC, PμCḡPëCḡC, PëPePë.

PμPsPeP°P·P°PSPSCḡ.

P>C-PeCḡPIP°PSPSCḡ CḡPëPjPïC, PsPjC-PI CḡPμCḡPμPrPSCḡPsPiPs C, P° C, CḡP¶PμPePsPiPs CḡC, CḡPïPμPSCḡ PrPsP±CḡPsCḡPeC-CḡPSPsC— PiC-PïPμCḡPïP»P°P·C-C— PïPμCḡPμPrPjC-C...CḡCḡPsPiPsC— P·P°P»PsP·Pë; P·PjPμPSCëPμPSPSCḡ CḡPëP·PëPeCḡ PIPëPSPëPePSPμPSPSCḡ PiPsCḡC, CḡPsC— P·P°C, CḡPëPjPePë CḡPμCžC- C, P° CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC, C- C...C-CḡCḡCḡPiC-CžPSPsPiPs PIC, CḡCḡCžP°PSPSCḡ Cḡ PïP°C†C-C°PSC, C-PI C-P· CḡPëPjPïC, PsPjP°PjPë CḡPμCḡPμPrPSCḡPsPiPs C- C, CḡP¶PμPePsPiPs CḡC, CḡPïPμPSCḡ PrPsP±CḡPsCḡPeC-CḡPSPsC— PiC-PïPμCḡPïP»P°P·C-C— PïPμCḡPμPrPjC-C...CḡCḡPsPiPsC— P·P°P»PsP·Pë.

PμCḡPsC, PëPïPsPeP°P·P°PSPSCḡ.

PμCḡPsCḡC, C-Pr PïCḡPsC, PëPïPsPeP°P·P°PSPëPNḡ PïP°C†C-C°PSC, P°Pj P· PïC-PrPIPëC°PμPSPsCḡ CžCḡC, P»PëPIC-CḡC, Cḡ PrPs PrCḡC, P°CḡC, PμCḡPëPrCḡ, C-PSCëPëC... C-PSPiC-P±C-C, PsCḡC-PI 5α-CḡPμPrCḡPeC, P°P·Pë, CḡPsC—, P°CḡP°C...C-CḡCḡ P°P±Ps C-PSCëPëC... PePsPjPïPsPSPμPSC, C-PI PïCḡPμPïP°CḡP°C, Cḡ.

PμCḡPsCḡC, C-Pr PSPμ P·P°CḡC, PsCḡPsPICḡPIP°C, Pë PrP»Cḡ P»C-PeCḡPIP°PSPSCḡ P¶C-PSPsPe C- PrC-C, PμPNḡ (PrPëPI. CḡPsP·PrC-P» B«P—P°CḡC, PsCḡCḡPIP°PSPSCḡ Cḡ PïPμCḡC-PsPr PIP°PiC-C, PSPsCḡC, C- P°P±Ps PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡB»).

[illegible]

$P^{\circ}P^{\circ}C^{\circ}P_jPsPrC-C\Pi P^{\circ}C-PSC\epsilon P\ddot{e}P_jP\ddot{e} P\gg C-P\epsilon P^{\circ}C\overline{H}C\overline{I}CH\overline{H}P\epsilon P\ddot{e}P_jP\ddot{e} P^{\circ}P^{\circ}C\overline{I}PsP\pm P^{\circ}P_jP\ddot{e} C,P^{\circ}C-PSC\epsilon C-PIP\ddot{e}PrP\ddot{e} PIP^{\circ}P^{\circ}C^{\circ}P_jPsPrC-PN_2.$

$\text{PtPSC}_{\text{„PsC}\overline{\text{H}}\text{PjP}^{\circ}\text{C}\dagger\text{C}-\text{C}\overline{\text{H}}\text{C}\%_{\text{PsPrPs}}\text{P}\cdot\text{PSP}\overline{\text{P}}\text{P}\overline{\text{P}}_{\text{P}\mu\text{PSPSC}}\overline{\text{C}}\overline{\text{H}}\text{C}-\text{PIPSC}-\text{PI PSA}(\text{P}\overline{\text{H}}\text{C}\overline{\text{H}}\text{PsC}\overline{\text{I}}\text{C},\text{P}^{\circ}\text{C},-\text{C}\overline{\text{I}}\text{P}\overline{\text{I}}_{\text{P}\mu\text{C}\dagger\text{P}\overline{\text{C}}\text{„C}-\text{C}\dagger\text{PSP}\overline{\text{P}}\text{P}\overline{\text{N}}_{\text{P}^{\circ}\text{PSC},\text{P}\overline{\text{P}}\text{P}\overline{\text{I}}_{\text{P}\mu\text{PS}})\text{C}\overline{\text{r}}\text{C}\overline{\text{I}}\text{P}\overline{\text{C}}\overline{\text{H}}\text{PsPIP}^{\circ}\text{C},\text{C}\dagger\text{C}-\text{PeC}\overline{\text{H}}\text{PsPIC}-\text{P}\overline{\text{I}}\text{C}-\text{Pr}\text{C}\dagger\text{P}^{\circ}\text{C}\overline{\text{I}}\text{P}\rangle\text{C}-\text{PeC}\overline{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\overline{\text{C}}\overline{\text{H}}\text{PrC}\overline{\text{r}}\text{C},\text{P}^{\circ}\text{C}\overline{\text{I}}\text{C},\text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}\overline{\text{P}}\text{PrPsPj},\text{P}^{\circ}\text{C},\text{P}^{\circ}\text{PePsP}\overline{\text{P}}\text{C}-\text{PSC}_{\text{„PsC}\overline{\text{H}}\text{PjP}^{\circ}\text{C}\dagger\text{C}-\text{C}\overline{\text{H}}\text{C}\%_{\text{PsPrPs}}\text{PIP}\overline{\text{C}}\overline{\text{C}}\overline{\text{I}}\text{PIP}\rangle\text{P}_{\mu\text{PSPSC}}\overline{\text{C}}\overline{\text{H}}\text{P}^{\circ}\text{PeC}\overline{\text{r}}\text{P}\overline{\text{I}}\text{C}\overline{\text{H}}\text{PsC}\overline{\text{I}}\text{C},\text{P}^{\circ}\text{C},\text{P}\overline{\text{P}}\text{PrP}\overline{\text{P}}\text{PI}.\text{C}\overline{\text{r}}\text{C}\overline{\text{H}}\text{PsP}\cdot\text{PrC}-\text{P}\rangle\text{C}-\text{B}\langle\text{P}\overline{\text{h}}\text{C}\overline{\text{I}}\text{PsP}\pm\text{P}\rangle\text{P}\overline{\text{P}}\text{IPsC}\overline{\text{I}}\text{C},\text{C}-\text{P}\cdot\text{P}^{\circ}\text{C}\overline{\text{I}}\text{C},\text{PsC}\overline{\text{I}}\text{C}\overline{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\overline{\text{C}}\overline{\text{H}}\text{B}\rangle.$

$$P'P\bar{I}P \gg P\bar{e}PI \ C-PSC\epsilon P\bar{e}C \dots P \gg C-P\epsilon P^\circ C\bar{H}C\bar{I}C\bar{H}P\epsilon P\bar{e}C \dots P \cdot P^\circ C\bar{I}'PsP \pm C-PI \ PSp^\circ$$

$$C_{\mu}P^\circ C\bar{H}P\bar{I}P^\circ P\epsilon PsP\epsilon C-PSp\mu C, P\bar{e}P\epsilon C\acute{z} \ PrC\acute{z}C, P^\circ C\bar{I}'C, P\mu C\bar{H}P\bar{e}PrC\acute{z}$$

$P-P^{\circ}C\acute{I}C,P_sC\acute{I}C\acute{I}PIP^{\circ}PSPSC\amalg C\tilde{T}P^{\circ}P\cdot PsP_j P\cdot C-PSPiC-P\pm C-C,P_sC\tilde{T}P^{\circ}P_jP\ddot{e} CYP3A4 C,P^{\circ}/P^{\circ}P\pm Ps P\cdot PiP\gg C-PePsPiC\tilde{T}PsC,P_{\mu}C-PSC\acute{e}$

P"CrC,P°CrC,PμCḡPēPr PιPμCḡPμPIP°P¶PSPs PIPēPIPsPrPēC,CHCfCḡ CēP»CḡC...PsPj
PjPμC,P°P±PsP»C-P·PjCr. P"PsCfP»C-PrP¶PμPSPSCḡ *in vitro* PīPsPeP°P·CrCḡC,CH, C%oPs
PeP°C,P°P»C-P·P°C,PsCḡP°PjPē PjPμC,P°P±PsP»C-P·PjCr C" CYP3A4 C- CYP3A5.
PhC,,C-C†C-PNēPSPēC... PrPsCfP»C-PrP¶PμPSCḡ PIP·P°C"PjPsPrC-C— P· P°PeC,PēPIPSPēPjPē
C-PSPIc-P±C-C,PsCḡP°PjPē CYP3A4 PSPμ PīCḡPsPIPsPrPēP»Pē. PμCḡPsC,Pμ Cr
PīPsPīCrP»CḡC†C-PNēPSPsPjCr PrPsCfP»C-PrP¶PμPSPSC- C,,P°CḡPjP°PePsPeC-PSPμC,PēPePē
PePsPSC†PμPSC,CḡP°C†C-C— PrCrC,P°CrC,PμCḡPēPrCr Pι CfPēCḡPsPIP°C,C†C- PeCḡPsPIC-
P±CrP»Pē Pι CfPμCḡPμPrPSCḡPsPjCr Pι
1,6bḡ"1,8 CḡP°P·P° PIPēC%oPēPjPē Cr PSPμPIPμP»PēPePsC— PeC-P»CHPePsCfC,C- C,PēC...
PīP°C†C-C"PSC,C-PI, CḡPeC- PsPrPSPsC†P°CfPSPs P»C-PeCrPIP°P»PēCfCḡ
PIPμCḡP°PīP°PjC-P»PsPj P°P±Ps PrPēP»C,C-P°P·PμPjPsPj (PīPsPjC-CḡPSC-
C-PSPIc-P±C-C,PsCḡPē CYP3A4 C,P° C-PSPIc-P±C-C,PsCḡPē P-PiP»C-PePsPīCḡPsC,PμC—PSCf),
PSC-P¶ Pι C-PSCēPēC... PīP°C†C-C"PSC,C-PI.

PμCḡPë C,CḡPëPIP°P»PsPjCř P·P°CřC,PsCřCřPIP°PSPSC- PePsPjP±C-PSP°C†C-C—
 PrCřC,P°CřC,PμCḡPëPrCř P·P»C-PeP°CḡCřCḡPePëPjPë P·P°CřPsP±P°PjPë, CłPeC- C”
 CřPëP»CḡPSPsPrC-CḡC†PëPjPë C-PSPiC-P±C-C,PsCḡP°PjPë C,,PμCḡPjPμPSC,Cř CYP3A4
 (PSP°PřCḡPëPeP»P°Pr, CḡPëC,PsPSP°PIC-Cḡ, C-PSPřPëPSP°PIC-Cḡ, PSPμC,,P°P·PsPrPsPS,
 C-C,CḡP°PePsPSP°P·PsP», PePμC,PsPePsPSP°P·PsP», CłPeC- PIPiPsPrPëP»Pë
 PřPμCḡPsCḡP°P»CḡPSPs), PePsPSC†PμPSC,CḡP°C†C-Cł PrCřC,P°CřC,PμCḡPëPrCř P
 CřPëCḡPsPIP°C,C†C- PeCḡPsPIC- PjPsP¶Pμ PëC-PrPIPëC% CřPIP°C,PëCřCł.
 PμPsPrP°P»CḡC€Pμ C-PSPiC-P±CřPIP°PSPSCł 5α-CḡPμPrCřPeC,P°P·Pë PëCḡPë
 P·P±C-P»CḡC€PμPSPSC- C,CḡPëPIP°P»PsCřC,C- PrC-C— PrCřC,P°CřC,PμCḡPëPrCř C”
 PjP°P»PsPNëPjPsPIC-CḡPSPëPj. PḡP»Pμ PjPsP¶P»PëPIPμ P·PjPμPSC€PμPSPSCł C†P°CřC,PsC,Pë
 PIPiPμPrPμPSPSCł PrPsP· PrCřC,P°CřC,PμCḡPëPrCř Cř CḡP°P·C- CḡPsP·PIPëC,PeCř
 PřPsP±C-C†PSPëC... PμC,,PμPeC,C-PI. PŸP»C-Pr PIC-PrP·PSP°C†PëC,Pë, C%Ps Cř CḡP°P·C-
 PëCḡPëPiPSC-C†PμPSPSCł P°PeC,PëPIPSPsCřC,C- C,,PμCḡPjPμPSC,Cř PrPsPIPiPëPNë
 PřPμCḡC-PsPr PSP°PřC-PIPIPëPIPμPrPμPSPSCł PjPsP¶Pμ CřC,P°C,Pë C%Pμ PrPsPIC€PëPj C-
 CřCřPřCřC,PSCł C,PμCḡP°PëC-Cł PjPsP¶Pμ Cř C,P°PePsPjCř PIPëPřP°PrPeCř C,CḡPëPIP°C,Pë
 PřPsPSP°Pr 6 PjC-CřCłC†C-PI PrPs C,PsPiPs, CłPe P±CřPrPμ PrPsCřCłPiPSCřC,Ps PSPsPIPsC—
 CḡC-PIPSPsPIP°P¶PSPsC— PePsPSC†PμPSC,CḡP°C†C-C—.

P—P°CÍC,PsCÍCíPíP°PSPSCÍ 12 Pi C...PsP»PµCÍC,PëCĤP°PjC-PSCí C†PµCĤPµP· 1 PiPsPrPëPSCí
PíC-CÍP»CÍ P·P°CÍC,PsCÍCíPíP°PSPSCÍ PsPrPSPsCĤP°P·PsPíPSC— PrPsP·Pë 5 PjPi
PrCíC,P°CÍC,PµCĤPëPrCí PSPµ PíPíP»PëPíP°P»Ps PSP° C„P°CĤPjP°PePsPeC-PSPµC,PëPeCí
PrCíC,P°CÍC,PµCĤPëPrCí.

P'PíP»PëPI PrCáC,P°CÍC,PµCĤPëPrCá PSP° C„P°CĤPjP°PePsPeC-PSPµC,PëPeCá C-PSC€PëC...
P»C-PeP°CĤCÍCHPePëC... P·P°CÍPSP±C-PI

P"CrC,P°CÍC,PµCĤPëPr PSPµ PíPíP»PëPíP°C" PSP° C„P°CĤPjP°PePsPeC-PSPµC,PëPeCí
PíP°CĤC„P°CĤPëPSCí P°P±Ps PrPëPiPsPeCÍPëPSCí. PíPµ PíPeP°P·CrC" PSP° C,Pµ, C%Ps
PrCíC,P°CÍC,PµCĤPëPr PSPµ C-PSPiC-P±CrC"/PSPµ C-PSPPrCíPeCíC" P°PeC,PëPíPSC-CÍC,CH
C„PµCĤPjPµPSC,Cí CYP2C9 P°P±Ps P -PiP»C-PePsPíCĤPsC,PµC—PSCí-
PíPµCĤPµPSPsCÍPSPëPeP°. P"°PSC- PrPsCÍP»C-PrP¶PµPSCH
PíP·P°C"PjPsPrC-C— in vitro PíPeP°P·CrCĤC,CH PSP° C,Pµ, C%Ps PrCíC,P°CÍC,PµCĤPëPr PSPµ
C-PSPiC-P±CrC" C„PµCĤPjPµPSC,Pë CYP1A2, CYP2D6, CYP2C9, CYP2C19 P°P±Ps CYP3A4.

PJ PSPµPíPµP»PëPePsPjCí PrPsCÍP»C-PrP¶PµPSPSC- (N=24) C,CĤPëPíP°P»C-CÍC,CH 2
C,PëP¶PSC- P· CrC†P°CÍC,CH P·PrPsCĤPsPíPëC... C†PsP»PsPIC-PeC-PI PrCíC,P°CÍC,PµCĤPëPr
(0,5 PjPi PSP° PrPsP±Cí) PSPµ PíPíP»PëPíP°PI PSP° C„P°CĤPjP°PePsPeC-PSPµC,PëPeCí
C,P°PjCÍCíP»PsP·PëPSCí P°P±Ps C,PµCĤP°P·PsP·PëPSCí. PJ C†CHPsPjCí
PrPsCÍP»C-PrP¶PµPSPSC- C,P°PePsP¶ PSPµ P±CrP»Ps PíPëCÍPíP»PµPSPs PsP·PSP°Pe
C„P°CĤPjP°PePsPrPëPSP°PjC-C†PSPsC— PíP·P°C"PjPsPrC-C—.

PhCÍPsP±P»PëPíPsCÍC,C- P·P°CÍC,PsCÍCáPíP°PSPSCÍ.

PµPsPjP±C-PSPsPíP°PSCí C,PµCĤP°PíC-CH PjPsP¶PSP° PíCĤPëP·PSP°C†P°C,Pë PíC-CÍP»CÍ
CĤPµC,PµP»CHPSPsC— PsC†C-PSPePë PePsCĤPëCÍC,C-/CĤPëP·PëPeCí Cr P·PíBĤ™ CÍP·PeCí P·
PíPsC,PµPSC†C-PNëPSPëPj PíC-PrPíPëC%PµPSPSCÍPj CĤPëP·PëPeCí PíPsP±C-C†PSPëC...
CĤPµP°PeC†C-PNë (PíPeP»CHC†P°CHC†Pë CÍPµCĤC†PµPICí PSPµPrPsCÍC,P°C,PSC-CÍC,CH) C-
PíC-CÍP»CÍ CĤPsP·PíP»CÍPíCí P°P»CHC,PµCĤPSP°C,PëPíPSPëC... PíP°CĤC-P°PSC,C-PI
C,PµCĤP°PíC-C—, PíPeP»CHC†P°CHC†Pë PjPsPSPsC,PµCĤP°PíC-CH (PrPëPI. CĤPsP·PrC-P»
B«PŸPíPsCÍC-P± P·P°CÍC,PsCÍCíPíP°PSPSCÍ C,P° PrPsP·PëB»).

PµPsP±C-C†PSC- CĤPµP°PeC†C-C— P· P±PsPeCí CÍPµCĤC†PµPíPs-CÍCíPrPëPSPSPsC—
CÍPëCÍC,PµPjPë

P—P° PrP°PSPëPjPë C†PsC,PëCĤPëCĤC-C†PSPëC... PeP»C-PSC-C†PSPëC...
PrPsCÍP»C-PrP¶PµPSCH, C†P°CÍC,PsC,P° PíPëPSPëPePSPµPSPSCÍ CÍPµCĤC†PµPíPSC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- (P·P±C-CĤPSPëPNë C,PµCĤPjC-PS PrP»CÍ PICÍC-C...
PíPsPIC-PrPsPjP»PµPSCH, PíPµCĤPµPíP°P¶PSPs PíPµCĤPíPëPSPSPsC— CÍPµCĤC†PµPíPSC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C- C,P° P·P°CÍC,C-PNëPSPsC— CÍPµCĤC†PµPíPSC—
PSPµPrPsCÍC,P°C,PSPsCÍC,C-) P±CrP»P° PíPëC%PsCH CÍPµCĤPµPr PíP°C†C-C"PSC,C-PI,
CÍPeC- P»C-PeCíPíP°P»PëCÍCÍ PePsPjP±C-PSP°C†C-C"CH PrCíC,P°CÍC,PµCĤPëPrCí P·
P°P»CHC„P°-P±P»PsPeP°C,PsCĤPsPj, PíPsP»PsPíPSPëPj C†PëPSPsPj C,P°PjCÍCíP»PsP·PëPSPsPj,
PíPsCĤC-PIPSCÍPSPs P· PíP°C†C-C"PSC,P°PjPë, CÍPeC- PSPµ PsC,CĤPëPjCíPíP°P»Pë
C,P°PePsC— PePsPjP±C-PSP°C†C-C—. P—P° PrP°PSPëPjPë C†PëC... PrPíPsC...
PrPsCÍP»C-PrP¶PµPSCH C†P°CÍC,PsC,P° CÍPµCĤC†PµPíPSC— PSPµPrPsCÍC,P°C,PSPsCÍC,C-
P±CrP»P° PSPëP·CHPePsCH (≤ 1 %) C,P° PíP°CĤC-P°P±PµP»CHPSPsCH Cr PjPµP¶P°C...
C†PëC... PrPsCÍP»C-PrP¶PµPSCH. P"°PëCÍPíCĤPsPíPsCĤC†C-C— Cr C†P°CÍC,PsC,C-
PíPëPSPëPePSPµPSPSCÍ CÍPµCĤC†PµPíPSC-CÍCíPrPëPSPSPëC... PíPsP±C-C†PSPëC... CÍPíPëC%

PSP_μPjP°C” PI P¶PsPrPSPsPjCř P· PrPsCřP»C-PrP¶P_μPSCH_Б. P_μCH₃PëC†PëPSPSPsPiPs P·PI_Б™ CЇP·PeCř PjC-P¶ P·P°CřC,PsCřCřPIP°PSPSCЇPj PrCřC,P°CřC,P_μCH₃PëPrCř (PsPeCH₃P_μPjPs P°P±Ps Cř PePsPjP±C-PSP°C†C-C— P· P°P»CH₃C,,P°-P±P»PsPeP°C,PsCH₃P°PjPë) C,P° PIPëPSPëPePSP_μPSPSCЇPj CřP_μCH₃C†P_μPIPsC— PSP_μPrPsCřC,P°C,PSPsCřC,C- PICřC,P°PSPsPIP»P_μPSPs PSP_μ P±CřP»Ps (B«PαP°CH₃PjP°PePsP»PsPiC-C†PSC- PIP»P°CřC,PëPIPsCřC,C-B»).

P_μCH₃PsPIP_μPrP_μPSPs PjP_μC,P°-P°PSP°P»C-P· 12 CH₃P°PSPPrPsPjC-P·PsPIP°PSPëC..., PïP»P°C†P_μP±Ps-PePsPSC,CH₃PsP»CH₃PsPIP°PSPëC... P°P±Ps PiPsCH₃C-PIPSCЇP»CH₃PSPëC... PeP»C-PSC-C†PSPëC... PrPsCřP»C-PrP¶P_μPSCH_Б (n=18802), PI CЇPePsPjCř PsC†C-PSC_БPIP°P»Pë CH₃PëP·PëPe CH₃PsP·PIPëC,PeCř PiPsP±C-C†PSPëC... CH₃P_μP°PeC†C-PN₂ P· P±PsPeCř CřP_μCH₃C†P_μPIPs-CřCřPrPëPSPSPsC— CřPëCřC,P_μPjPë PïCH₃Pë P·P°CřC,PsCřCřPIP°PSPSC- PrCřC,P°CřC,P_μCH₃PëPrCř (PiPsCH₃C-PIPSCЇPSPs P· PePsPSC,CH₃PsP»CH₃PSPsC_Б PiCH₃CřPiPsC_Б). PќP_μ P±CřP»Ps PICřC,P°PSPsPIP»P_μPSPs CřC,C-PN₂PePsPiPs CřC,P°C,PëCřC,PëC†PSPs P·PSP°C†CřC%₀₀PsPiPs P·P±C-P»CH₃C€P_μPSPSCЇ CH₃PëP·PëPeCř CřP_μCH₃C†P_μPIPsC— PSP_μPrPsCřC,P°C,PSPsCřC,C- (RR 1,05; 95 % P”P† 0,71, 1,57), PiPsCřC,CH₃PsPiPs C-PSC,,P°CH₃PeC,Cř PjC-PsPeP°CH₃PrP° (RR 1,00; 95 % P”P† 0,77, 1,30) P°P±Ps C-PSCřCřP»CH₃C,Cř (RR 1,20; 95 % P”P† 0,88, 1,64).

P’PïP»PëPI PSP° PïCH₃PsCřC,P°C,PsCřCřPiP_μC†PëC,,C-C†PSPëPN₂ P°PSC,PëPiP_μPS (PSA)

P_μPsPSC†P_μPSC,CH₃P°C†C-CЇ PïCH₃PsCřC,P°C,PsCřCřPiP_μC†PëC,,C-C†PSPsPiPs P°PSC,PëPiP_μPSCř (PSA) C” PIP°P¶P»PëPIPëPj PePsPjPiPsPSP_μPSC,PsPj CřPeCH₃PëPSC-PSPiPsPiPsPiPs PïCH₃PsC†P_μCřCř PrP»CЇ PIPëCЇPIP»P_μPSPSCЇ CH₃P°PeCř PiP_μCH₃P_μPrPjC-C...CřCH₃PsPiPsC— P·P°P»PsP·Pë.

P_μCH₃PsCřC,C-Pr P·PrP°C,PSPëPN₂ P·PSPëP¶CřPIP°C,Pë CH₃C-PIP_μPSCH_Б CřPëCH₃PsPIP°C,PePsPiPsPiPs PSA Cř C...PIPsCH₃PëC... Cř CřP_μCH₃P_μPrPSCH_БPsPjCř PïCH₃PëP±P»PëP·PSPs PSP° 50 % C†P_μCH₃P_μP· 6 PjC-CřCЇC†C-PI P»C-PeCřPIP°PSPSCЇ.

P_μP°C†C-C”PSC,Pë, CЇPeC- PïCH₃PëPN₂PjP°CH₃,CH₃ P_μCH₃PsCřC,C-Pr, PiPsPIPëPSPSC- PjP°C,Pë PSPsPIPëPN₂ PiPsC†P°C,PePsPIPëPN₂ CH₃C-PIP_μPSCH_Б PSA, PICřC,P°PSPsPIP»P_μPSPëPN₂ C†P_μCH₃P_μP· 6 PjC-CřCЇC†C-PI PïC-CřP»CЇ P»C-PeCřPIP°PSPSCЇ C†PëPj PïCH₃P_μPiP°CH₃P°C,PsPj. P—PiPsPrPsPj C†P_μPN₂ CH₃C-PIP_μPSCH_Б CH₃P_μPePsPjP_μPSPPrCřC”C,CH₃CřCЇ PïP_μCH₃P_μPIC-CH₃CЇC,Pë CH₃P_μPiCřP»CЇCH₃PSPs. P’CřPrCH₃- CЇPeP_μ PïC-PrC,PIP_μCH₃PrP¶P_μPSP_μ P·P±C-P»CH₃C€P_μPSPSCЇ CH₃C-PIPSCЇ PSA PIC-Pr PSP°PN₂PSPëP¶C†PiPs CH₃C-PIPSCЇ PïC-Pr C†P°Cř P·P°CřC,PsCřCřPIP°PSPSCЇ P_μCH₃PsCřC,C-PrCř PjPsP¶P_μ P±CřC,Pë CřPIC-PrC†P_μPSPSCЇPj PSP°CЇPIPSPsCřC,C- CH₃P°PeCř PiP_μCH₃P_μPrPjC-C...CřCH₃PsPiPsC— P·P°P»PsP·Pë P°P±Ps PSP_μPrPsC,CH₃PëPjP°PSPSCЇ CH₃P_μP¶PëPjCř P»C-PeCřPIP°PSPSCЇ P_μCH₃PsCřC,C-PrPsPj C- PiPsC,CH₃P_μP±CřC” CH₃P_μC,P_μP»CH₃PSPsPiPs PIPëPIC†P_μPSPSCЇ, PSP°PIC-C,CH₃ CЇPeC%₀₀Ps PiPsPeP°P·PSPëPePë PSA P·PSP°C...PsPrCЇC,CH₃CřCЇ Cř PjP_μP¶P°C... PSPsCH₃PjPë Cř C†PsP»PsPIC-PeC-PI, CЇPeC- PSP_μ P»C-PeCřPIP°P»PëCřCЇ C-PSPiC-P±C-C,PsCH₃P°PjPë 5a- CH₃P_μPrCřPeC,P°P·Pë. P_μCH₃Pë C-PSC,P_μCH₃PiCH₃P_μC,P°C†C-C— PiPsPeP°P·PSPëPeC-PI PSA Cř PïP°C†C-C”PSC,C-PI, CЇPeC- P»C-PeCřCH₃,CH₃CřCЇ P_μCH₃PsCřC,C-PrPsPj, CřP»C-Pr P·PIP°P¶P°C,Pë PSP° PiPsPiP_μCH₃P_μPrPSC- PiPsPeP°P·PSPëPePë PSA PrP»CЇ PïPsCH₃C-PIPSCЇPSPSCЇ.

P—P°CřC,PsCřCřPIP°PSPSCЇ P_μCH₃PsCřC,C-PrCř PSP_μ PIPïP»PëPIP°C” PSP° PIPëPePsCH₃PëCřC,P°PSPSCЇ CH₃C-PIPSCЇ PSA PrP»CЇ PrC-P°PiPSPsCřC,PëPePë CH₃P°PeCř PïP_μCH₃P_μPrPjC-C...CřCH₃PsPiPsC— P·P°P»PsP·Pë PïC-CřP»CЇ PICřC,P°PSPsPIP»P_μPSPSCЇ PN₂PsPiPs PSPsPiPsPiPs PiPsC†P°C,PePsPiPsPiPs CH₃C-PIPSCЇ.

P—P°PiP°P»CHbPSPëPNë CḡC-PIPμPSCḡ
CḡPëCḡPsPIP°C,PePsPIPsPiPs PSA PiPsPIPμCḡC,P°C”C,CHbCḡCḡ PrPs PiPsC±P°C,PePsPIPsPiPs
CḡC-PIPSCḡ PiCḡPsC,CḡPiPsPj 6 PjC-CḡCḡCḡC-PI PiC-CḡP»Cḡ
PiCḡPëPiPëPSPμPSPSCḡ P»C-PeCḡPIP°PSPSCḡ.

PŸPiC-PIPIC-PrPSPsCëPμPSPSCḡ Pḡ PIC-P»CHbPSPsPiPs PSA C- P·P°PiP°P»CHbPSPsPiPs
CḡC-PIPSCḡ PSA P·P°P»PëCëP°C”C,CHbCḡCḡ CḡC,P°P»PëPj PSP°PIC-C,CHb PiC-Pr C±P°Cḡ
P»C-PeCḡPIP°PSPSCḡ PμCḡPsCḡC,C-PrPsPj. PŸPsPjCḡ CḡPeC%Ps PrP»Cḡ PiP°CḡC-C”PSC,P°,
CḡPePëPNë PiCḡPëPNëPjP°C” PμCḡPsCḡC,C-Pr, P»C-PeP°Cḡ PIPëCḡC-CëPëC,CHb
PIPëPePsCḡPëCḡC,P°C,Pë CḡPe PIPëP·PSP°C±PμPSPSCḡ CḡP°PeCḡ
PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë PIC-PrCḡPsC,PsPe PIC-P»CHbPSPsPiPs PSA,
PePsCḡPëPiCḡPIP°PSPSCḡ PNëPsPiPs P·PSP°C±PμPSPSCḡ PiCḡPsPIPsPrPëC,Pë PSPμ
PiPsC,CḡC-P±PSPs.

PμPμCḡPμPr PiPsC±P°C,PePsPj PeCḡCḡCḡCḡ P»C-PeCḡPIP°PSPSCḡ PrCḡC,P°CḡC,PμCḡPëPrPsPj
C,P° PiPμCḡC-PsPrPëC±PSPs PiC-Pr C±P°Cḡ P»C-PeCḡPIP°PSPSCḡ PiPsC,CḡC-P±PSPs
PiCḡPsPIPsPrPëC,Pë PiP°P»CHbCḡPμPIPμ CḡPμPeC,P°P»CHbPSPμ PsP±CḡC,PμPḡPμPSPSCḡ
PiP°CḡC-C”PSC,P°, P° C,P°PePsPḡ PIPëPePsCḡPëCḡC,PsPICḡPIP°C,Pë C-PSCëC- PjPμC,PsPrPë
PIPëCḡPIP»PμPSPSCḡ CḡP°PeCḡ PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë.

P P°Pe PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë C,P° PiCḡC...P»PëPSPë PIPëCḡPsPePsPiPs
CḡC,CḡPiPμPSCḡ PiCḡP°PrP°CḡC-C— P·P° P”P»C-CḡPsPSPsPj (PSPëP·CHbPePs-
PrPëC,,PμCḡPμPSCḡC-PNëPsPIP°PSC-)

PJ C...PsPrC- C±PsC,PëCḡPëCḡC-C±PSPsPiPs PeP»C-PSC-C±PSPsPiPs PrPsCḡP»C-PrPḡPμPSPSCḡ
P· CḡC±P°CḡC,Cḡ > 8000 C±PsP»PsPIC-PeC-PI PIC-PePsPj PIC-Pr 50 PrPs
75 CḡPsPeC-PI P· PiPsPiPμCḡPμPrPSC-PjPë PSPμPiP°C,PëPIPSPëPjPë
CḡPμP·CḡP»CHbC,P°C,P°PjPë P±C-PsPiCḡC-C— CḡC,PsCḡPsPIPSs CḡP°PeCḡ
PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë C,P° PiPsC±P°C,PePsPIPëPj CḡC-PIPSμPj PSA
PjC-Pḡ 2,5 PSPi/PjP» C,P° 10,0 PSPi/PjP» (PrPsCḡP»C-PrPḡPμPSPSCḡ REDUCE) Cḡ 1517 P±CḡPI
PrC-P°PiPSPsCḡC,PsPIP°PSPëPNë CḡP°Pe PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë.
PḡP°CḡC,PsC,P° PIPëPiP°PrPeC-PI CḡP°PeCḡ PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë
(8bḡ“10 P·P° CëPeP°P»PsCḡ P”P»C-CḡPsPSP°) Cḡ PiCḡCḡPiC- PiP°CḡC-C”PSC,C-PI, CḡPeC-
P»C-PeCḡPIP°P»PëCḡCḡ PμCḡPsCḡC,C-PrPsPj (n=29, 09 %), P±CḡP»P° PIPëC%PsCḡ
PiPsCḡC-PIPSCḡPSPs P· PiCḡCḡPiPsCḡ, C%Ps PsC,CḡPëPjCḡPIP°P»P° PiP»P°CḡPμP±Ps (n=19,
06 %). P—P±C-P»CHbCëPμPSPSCḡ C±P°CḡC,PsC,Pë PIPëPiP°PrPeC-PI CḡP°PeCḡ
PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë P·P° CëPeP°P»PsCḡ P”P»C-CḡPsPSP° 5bḡ“6
C,P° 7bḡ“10 PSPμ CḡPiPsCḡC,PμCḡC-PiP°P»PsCḡCḡ. PμCḡPëC±PëPSPSPsPiPs
PIP·P°C”PjPsP·PiBḡ™ CḡP·PeCḡ PjC-Pḡ P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PμCḡPsCḡC,C-PrCḡ C,P°
PIPëCḡPsPePëPjPë CḡC,P°PrC-CḡPjPë CḡP°PeCḡ PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC—
P·P°P»PsP·Pë PICḡC,P°PSPsPIP»PμPSPs PSPμ P±CḡP»Ps. PḡP»C-PSC-C±PSPμ P·PSP°C±PμPSPSCḡ
C±PëCḡPμP»CHbPSPsC— PrPëCḡPiCḡPsPiPsCḡCḡC— PSPμPIC-PrPsPjPμ. PḡPsP»PsPIC-PePë,
CḡPeC- P»C-PeCḡCḡC,CHbCḡCḡ PμCḡPsCḡC,C-PrPsPj, PiPsPIPëPSPSC- CḡPμPiCḡP»CḡCḡPSPs
PiPμCḡPμPIC-CḡCḡC,PëCḡCḡ Cḡ P·PiBḡ™ CḡP·PeCḡ P· CḡPëP·PëPePsPj CḡP°PeCḡ
PiPμCḡPμPrPjC-C...CḡCḡPsPIPsC— P·P°P»PsP·Pë, PIPEP»CḡC±P°CḡC±Pë PIPëP·PSP°C±PμPSPSCḡ
PSA.

PJ PrPsPrP°C,PePsPIPsPjCḡ PiPsCḡP»C-PrPsPIPSsPjCḡ PrPIPsCḡC-C±PSPsPjCḡ
PrPsCḡP»C-PrPḡPμPSPSC- P· PiP°CḡC-C”PSC,P°PjPë, CḡPeC- P±CḡP°P»Pë CḡC±P°CḡC,CHb Cḡ
PrPsCḡP»C-PrPḡPμPSPSC- C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PrCḡC,P°CḡC,PμCḡPëPrCḡ PI
CḡPePsCḡC,C- C...C-PjC-C±PSPsC— PiCḡPsC,,C-P»P°PeC,PëPePë (PrPsCḡP»C-PrPḡPμPSPSCḡ
REDUCE), P±CḡP»P° PICḡC,P°PSPsPIP»PμPSP° PSPëP·CHbPeP° C±P°CḡC,PsC,P° PSPsPIPëC...

PIPëPİP°PrPeC-PI CĤP°PeCř PİPµCĤPµPrPjC-C...CřCĤPsPIPsC— P·P°P»PsP·Pë (PiCĤCřPİP° PrCřC,P°CřC,PµCĤPëPrCř [n=14, 1,2 %]) C,P° PiCĤCřPİP° PİP»P°C†PµP±Ps [n=7, 0,7 %]) P· PIC-PrCřCřC,PSC-CřC,CĤ PSPsPIPëC... C-PrPµPSC,PëC,,C-PePsPIP°PSPëC... PIPëPİP°PrPeC-PI CĤP°PeCř PİPµCĤPµPrPjC-C...CřCĤPsPIPsC— P·P°P»PsP·Pë P· PrPëC,,PµCĤPµPSC†C-CĤPIP°PSPSCİPj 8вĤ“10 P±P°P»C-PI P·P° CëPeP°P»PsCĤ P“P»C-CřPsPSP°.

P”PsPIPiPsC,CĤPëPIP°P»Pµ PİPsCřP»C-PrPsPIPSPµ (PrPs 18 CĤPsPeC-PI) CřPİPsCřC,PµCĤPµP¶PµPSPSCİ PİP°C†C-C”PSC,C-PI P· PeP»C-PSC-C†PSPsPiPs PrPsCřP»C-PrP¶PµPSPSCİ C-P· P·P°CřC,PSCřCřPIP°PSPSCİPj C-PSCëPsPiPs C-PSPiC-P±C-C,PSCĤP° 5α-CĤPµPrCřPeC,P°P·Pë (C,,C-PSP°CřC,PµCĤPëPrCř) PI CİPePsCřC,C- C...C-PjC-C†PSPsC— PİCĤPsC,,C-P»P°PeC,PëPePë PSPµ PİPsPeP°P·P°P»Ps CřC,P°C,PëCřC,PëC†PSPs P·PSP°C†CřC%PsC— CĤC-P·PSPëC†C- PjC-P¶ PiCĤCřPİP°PjPë C,,C-PSP°CřC,PµCĤPëPrCř C,P° PİP»P°C†PµP±Ps Cř C†P°CřC,PSC,P°C... P·P°PİP°P»CĤPSPsPiPs PIPëP¶PëPIP°PSPSCİ (HR 1,02, 95 % P”P† 0,97вĤ“1,08) P°P±Ps PIPëP¶PëPIP°PSPSCİ PİC-CřP»Cİ PrC-P°PiPSPsCřC,CřPIP°PSPSCİ CĤP°PeCř PİPµCĤPµPrPjC-C...CřCĤPsPIPsC— P·P°P»PsP·Pë (HR 1,01, 95 % P”P† 0,8вĤ“1,20).

P P°Pe PiCĤCřPrPSPsC— P·P°P»PsP·Pë

PµPsPIC-PrPsPjP»CİP»Pë PİCĤPs CĤC-PrPeC-CřPSC- PIPëPİP°PrPePë CĤP°PeCř PiCĤCřPrPSPsC— P·P°P»PsP·Pë Cř C†PsP»PsPIC-PeC-PI PİC-Pr C†P°Cř PeP»C-PSC-C†PSPëC... PrPsCřP»C-PrP¶PµPSCĤ C,P° Cř PİPsCřC,PjP°CĤPePµC,PëPSPiPsPIPëPµ PİPµCĤC-PsPr. PµCĤPë C†CĤPsPjCř PµPiC-PrPµPjC-PsP»PsPiC-C†PSC- PrPsCřP»C-PrP¶PµPSPSCİ PIPeP°P·CřCĤC,CĤ PSP° PIC-PrCřCřC,PSC-CřC,CĤ PİC-PrPIPëC%PµPSPSCİ CĤPëP·PëPeCř CĤPsP·PIPëC,PeCř CĤP°PeCř PiCĤCřPrPSPsC— P·P°P»PsP·Pë Cř C†PsP»PsPIC-PeC-PI PİCĤPë P·P°CřC,PSCřCřPIP°PSPSC- C-PSPiC-P±C-C,PSCĤC-PI 5α-CĤPµPrCřPeC,P°P·Pë. PµP°C†C-C”PSC,Pë PİPsPIPëPSPSC- PSPµPiP°PµPSPs PİPsPIC-PrPsPjP»CİC,Pë PİCĤPs P±CřPrCĤ-CİPeC- P·PjC-PSPë Cř C,PeP°PSPëPSC- PiCĤCřPrPSPsC— P·P°P»PsP·Pë, PSP°PİCĤPëPeP»P°Pr PIPëPrC-P»PµPSPSCİ C-P· CřPsCřPeP° P°P±Ps PİCĤPëPİCřC...P»C-CřC,CĤ.

PќPµPiPµCĤPjPµC,PëC†PSC- PeP°PİCřCřP»Pë

P”CřC,P°CřC,PµCĤPëPr P°P±CřPsCĤP±CřC”C,CĤCřCİ C†PµCĤPµP· CëPeC-CĤCř, C,PSPjCř P¶C-PSPëC C,P° PrC-C,Pë PjP°CĤC,CĤ CřPSPëPeP°C,Pë PePsPSC,P°PeC,Cř P· PSPµPiPµCĤPjPµC,PëC†PSPëPjPë PeP°PİCřCřP»P°PjPë. PİPeC%Ps CĤC-PrPëPSP° P· PeP°PİCřCřP»Pë PİPsC,CĤP°PİPëP»P° PSP° CëPeC-CĤCř, C—C— CřP»C-Pr PSPµPiP°PµPSPs P·PjPëC,Pë PIPsPrPsCĤ P· PjPëP»PsPj.

PµPµC†C-PSPePsPIP° PSPµPrPsCřC,P°C,PSC-CřC,CĤ

P’PİP»PëPI PİPµC†C-PSPePsPIPsC— PSPµPrPsCřC,P°C,PSPsCřC,C- PSP° C,,P°CĤPjP°PePsPeC-PSPµC,PëPeCř PrCřC,P°CřC,PµCĤPëPrCř PSPµ PIPëPIC†P°P»Pë. PşPµCĤPµP· P°PeC,PëPIPSPëPµ PjPµC,P°P±PsP»C-P·Pj PrCřC,P°CřC,PµCĤPëPrCř C,P° 3вĤ“5- C,PëP¶PSPµPIPëPµ PİPµCĤC-PsPr PµPsPiPs PSP°PİC-PIPIPëPIPµPrPµPSPSCİ P»C-PeCřPIP°PSPSCİ PrCřC,P°CřC,PµCĤPëPrPsPj PİP°C†C-C”PSC,C-PI P· P»PµPiPePsCĤ P°P±Ps CřPµCĤPµPrPSCĤPsCĤ PİPµC†C-PSPePsPIPsCĤ PSPµPrPsCřC,P°C,PSC-CřC,CĤ CřP»C-Pr PİCĤPsPIPsPrPëC,Pë P· PsP±PµCĤPµP¶PSC-CřC,CĤ (PrPëPI. CĤPsP·PrC-P»Pë B«PŸPİPsCřC-P± P·P°CřC,PSCřCřPIP°PSPSCİ C,P° PrPsP·PëB», B«PµCĤPsC,PëPİPsPeP°P·P°PSPSCİB», B«PαP°CĤPjP°PePsP»PsPiC-C†PSC- PIP»P°CřC,PëPIPsCřC,C-B»).

P—PjC—PSPë PSP°CÍC,CḡPsCḡ C,P° PrPμPīCḡPμCÍC—Cḡ

PJ PīP°C†C—C”PSC,C—PI, CḡPeC— PsC,CḡPëPjCḡPIP°P»Pë C—PSCëPëPNë
PīPμCḡPsCḡP°P»CḡPSPëPNë C—PSPiC—P±C—C,PSCḡ 5—P°P»CḡC,,P°—CḡPμPrCḡPeC,P°P·Pë,
PīPsPIC—PrPsPjP»CḡP»PSCÍCḡ PīCḡPs P·PjC—PSPë PSP°CÍC,CḡPsCḡ, PīPeP»CḡC†P°CḡC†Pë
PīCḡPëPīPSC—C†PμPSPëPNë PSP°CÍC,CḡC—PNë, PrPμPīCḡPμCÍC—Cḡ C,P°, CḡC—PrCëPμ,
CÍCḡC—C†PëPrP°P»CḡPSC— PrCḡPjPePë. PJ CḡP°P·C— PīPsCḡPIPë P±CḡPrCḡCḡPēPsPīPs P·
C†PëC... CÍPëPjPīC,PSPjC—PI PīP°C†C—C”PSC,P°Pj CÍP»C—Pr CḡPμPePsPjPμPSPPrCḡPIP°C,Pë
P·PīPμCḡPSCḡC,PëCÍCḡ PrPs P»C—PeP°CḡCḡ.

*P—P°CÍC,PSCÍCḡPIP°PSPSCḡ Cḡ PīPμCḡC—PsPr PIP°PiC—C,PSPSCÍC,C— P°P±Ps
PīPsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ.*

P”CḡC,P°CÍC,PμCḡPëPr PīCḡPsC,PëPīPsPeP°P·P°PSPëPNë PrP»Cḡ P»C—PeCḡPIP°PSPSCḡ
PḡC—PSPsPe.

P—P°CÍC,PSCÍCḡPIP°PSPSCḡ Cḡ PīPμCḡC—PsPr PIP°PiC—C,PSPSCÍC,C—

PīPe C— C—PSCëC— C—PSPiC—P±C—C,PSCḡPë 5α—CḡPμPrCḡPeC,P°P·Pë, PrCḡC,P°CÍC,PμCḡPëPr
PīPμCḡPμCëPePsPrPḡP°C” PīPμCḡPμC,PiPsCḡPμPSPSCḡ C,PμCÍC,PSCÍC,PμCḡPsPSCḡ Cḡ
PrPëPiC—PrCḡPsC,PμCÍC,PSCÍC,PμCḡPsPS, C%Ps PjPsPḡPμ PīP°P»CḡPjCḡPIP°C,Pë
CḡPsP·PīPëC,PSPe P·PsPīPSC—CëPSC—C... CÍC,P°C,PμPīPëC... PsCḡPīP°PSC—PI Cḡ PīP»PsPrP°
C†PsP»PsPIC—C†PsC— CÍC,P°C,C—. PkPμP·PSP°C†PSCḡ PeC—P»CḡPeC—CÍC,Cḡ
PrCḡC,P°CÍC,PμCḡPëPrCḡ P±CḡP»Ps PīPëCḡPIP»PμPSPs PI PμCḡPeCḡP»CḡC,C—
CÍCḡP±bḡ™ C”PeC,C—PI, CḡPeC— PīCḡPëPNëPjP°P»Pë 0,5 PjPī PrCḡC,P°CÍC,PμCḡPëPrCḡ PSP°
PrPsP±Cḡ. PkPμPIC—PrPsPjPs, C†Pë PīPīP»PëPIP°C” PrCḡC,P°CÍC,PμCḡPëPr, C%Ps
PīPsC,CḡP°PīPēPI PrPs PsCḡPīP°PSC—P·PjCḡ PḡC—PSPePë P· CÍC—Pjḡḡ™ CḡPj C†PsP»PsPIC—PeP°,
CḡPePëPNë P»C—PeCḡC”C,CḡCÍCḡ PrCḡC,P°CÍC,PμCḡPëPrPsPj, PSP° PīP»C—Pr
C†PsP»PsPIC—C†PsC— CÍC,P°C,C— (C†PμPNë CḡPëP·PëPe C” PSP°PNëPīPëC%PëPj
PīCḡPsC,CḡPīPsPj PīPμCḡCëPëC... 16 C,PëPḡPSC—PI PIP°PiC—C,PSPSCÍC,C—).

PīPe C— Cḡ CḡP°P·C— P·P°CÍC,PSCÍCḡPIP°PSPSCḡ C—PSCëPëC... C—PSPiC—P±C—C,PSCḡC—PI 5α—
CḡPμPrCḡPeC,P°P·Pë, CḡPμPePsPjPμPSPPrCḡC”C,CḡCÍCḡ PePsCḡPëCÍC,CḡPIP°C,PëCÍCḡ
PīCḡPμP·PμCḡPIP°C,PëPIP°PjPë, CḡPeC%Ps PīP°CḡC,PSPμCḡPeP° PīP°C†C—C”PSC,P°
PIP°PiC—C,PSP° P°P±Ps PīPsC,PμPSC†C—PNëPSPs PjPsPḡPμ P·P°PIP°PiC—C,PSC—C,Pë, P· PjPμC,PSCḡ
P·P°PīPsP±C—PīP°PSPSCḡ PīPsC,CḡP°PīP»CḡPSPSCḡ CÍC—Pjḡḡ™ Cḡ PrPs PsCḡPīP°PSC—P·PjCḡ
PḡC—PSPePë.

P—P°CÍC,PSCÍCḡPIP°PSPSCḡ Cḡ PīPμCḡC—PsPr PīPsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ

PkPμPIC—PrPsPjPs, C†Pë PīCḡPsPSPëPeP°C” PrCḡC,P°CÍC,PμCḡPëPr Cḡ PīCḡCḡPrPSPμ
PjPsP»PsPePs.

PμPμCḡC,PëP»CḡPSC—CÍC,Cḡ

PμPsPIC—PrPsPjP»CḡP»Pë PīCḡPs PīPëPīP°PrPePë PīPīP»PëPICḡ PrCḡC,P°CÍC,PμCḡPëPrCḡ PSP°
C...P°CḡP°PeC,PμCḡPëCÍC,PëPePë PμCḡPeCḡP»CḡC,Cḡ (P·PjPμPSCëPμPSPSCḡ
PeC—P»CḡPePsCÍC,C— CÍPīPμCḡPjP°C,PSP·PsC—PrC—PI, PsP±bḡ™ C”PjCḡ PμCḡPeCḡP»CḡC,Cḡ
C,P° CḡCḡC...PsPjPsCÍC,C— CÍPīPμCḡPjP°C,PSP·PsC—PrC—PI) Cḡ P·PrPsCḡPsPīPëC...
C†PsP»PsPIC—PeC—PI. PkPμ PīPëPeP»CḡC†PμPSPëPNë CḡPëP·PëPe P·PSPëPḡPμPSPSCḡ
C†PsP»PsPIC—C†PsC— C,,PμCḡC,PëP»CḡPSPSCÍC,C—.

$P-Pr^{\circ}C, PSC-Cl^{\circ}C, CH \text{ } PIPiP \gg P \ddot{e}PIP^{\circ}C, P \ddot{e} \text{ } PSP^{\circ} \text{ } C \epsilon PIP \ddot{e} PrPeC-Cl^{\circ}C, CH \text{ } C \ddot{H}P_{\mu}P^{\circ}PeC \dagger C-C- \text{ } P \ddot{e}C \ddot{H}P \ddot{e}$
 $PeP_{\mu}C \ddot{H}C \acute{z}PIP^{\circ}PSPSC- \text{ } P^{\circ}PIC, PsC, C \ddot{H}P^{\circ}PSC \acute{I}PiPsC \ddot{H}C, PsPj \text{ } P^{\circ}P \pm Ps \text{ } C-PSC \epsilon P \ddot{e}PjP \ddot{e}$
 $PjP_{\mu}C \dots P^{\circ}PSC-P \cdot PjP^{\circ}PjP \ddot{e}.$

$P- \text{ } PsPiP \gg C \ddot{I}PrC \acute{r} \text{ } PSP^{\circ} \text{ } C, P^{\circ}C \ddot{H}PjP^{\circ}PePsPeC-PSP_{\mu}C, P \ddot{e}C \dagger PSC- \text{ } C, P^{\circ}$
 $C, P^{\circ}C \ddot{H}PjP^{\circ}PePsPrP \ddot{e}PSP^{\circ}PjC-C \dagger PSC- \text{ } PIP \gg P^{\circ}Cl^{\circ}C, P \ddot{e}PIPsCl^{\circ}C, C- \text{ } PrC \acute{r}C, P^{\circ}Cl^{\circ}C, P_{\mu}C \ddot{H}P \ddot{e}Pr \text{ } PSP_{\mu}$
 $PIPiP \gg P \ddot{e}PIP^{\circ}C \text{ } PSP^{\circ} \text{ } P \cdot PrP^{\circ}C, PSC-Cl^{\circ}C, CH \text{ } PeP_{\mu}C \ddot{H}C \acute{z}PIP^{\circ}C, P \ddot{e} \text{ } P^{\circ}PIC, PsPjPsP \pm C-P \gg P_{\mu}Pj \text{ } C, P^{\circ}$
 $C-PSC \epsilon P \ddot{e}PjP \ddot{e} \text{ } PjP_{\mu}C \dots P^{\circ}PSC-P \cdot PjP^{\circ}PjP \ddot{e}.$

$P \ddot{Y}PiPsCl^{\circ}C-P \pm \text{ } P \cdot P^{\circ}Cl^{\circ}C, PsCl^{\circ}C \acute{z}PIP^{\circ}PSPSC \ddot{I} \text{ } C, P^{\circ} \text{ } PrPsP \cdot P \ddot{e}.$

$P_{\mu}C \ddot{H}PsCl^{\circ}C, C-Pr \text{ } PjPsP \P PSP^{\circ} \text{ } P \ddot{e}C \ddot{H}P \ddot{e}P \cdot PSP^{\circ}C \dagger P^{\circ}C, P \ddot{e} \text{ } Cl^{\circ}P^{\circ}PjPsCl^{\circ}C, C-PN_{\circ}PSPs \text{ } P^{\circ}P \pm Ps \text{ } C \acute{r}$
 $PePsPjP \pm C-PSP^{\circ}C \dagger C-C- \text{ } P \cdot \text{ } P^{\circ}P \gg CHC, P^{\circ}-P \pm P \gg PsPeP^{\circ}C, PsC \ddot{H}PsPj \text{ } C, P^{\circ}PjCl^{\circ}C \acute{r}P \gg PsP \cdot P \ddot{e}PSPsPj \text{ } (0,4$
 $PjPi).$

$P^{\circ}PsC \ddot{H}PsCl^{\circ}P \gg C- \text{ } C \dagger PsP \gg PsPIC-PeP \ddot{e} \text{ } (PIPeP \gg C \ddot{H}C \dagger P^{\circ}C \ddot{H}C \dagger P \ddot{e} \text{ } PiP^{\circ}C \dagger C-C^{\circ}PSC, C-PI$
 $P \gg C-C, PSC \ddot{H}PsPiPs \text{ } PIC-PeC \acute{r})$

$P \text{ } P_{\mu}PePsPjP_{\mu}PSPPrPsIP^{\circ}PSPsC \ddot{H} \text{ } PrPsP \cdot PsC \ddot{H} \text{ } P_{\mu}C \ddot{H}PsCl^{\circ}C, C-PrC \acute{r} \text{ } C^{\circ} \text{ } 1 \text{ } PeP^{\circ}PiCl^{\circ}C \acute{r}P \gg P^{\circ} \text{ } (0,5 \text{ } PjPi)$
 $PSP^{\circ} \text{ } PrPsP \pm C \acute{r} \text{ } PrP \gg C \ddot{I} \text{ } PiP_{\mu}C \ddot{H}PsC \ddot{H}P^{\circ}P \gg CH \text{ } PSPsPiPs \text{ } PiC \ddot{H}P \ddot{e}PN_{\circ}PsPjC \acute{r}. \text{ } P_{\mu}P^{\circ}PiCl^{\circ}C \acute{r}P \gg C \acute{r}$
 $Cl^{\circ}P \gg C-Pr \text{ } PePsPIC, P^{\circ}C, P \ddot{e} \text{ } C \dagger C-P \gg PsC \ddot{H}, \text{ } PSP_{\mu} \text{ } PIC-PrPeC \ddot{H}P \ddot{e}PIP^{\circ}C, P \ddot{e} \text{ } C, P^{\circ} \text{ } PSP_{\mu}$
 $C \ddot{H}PsP \cdot P \P PsPIC \acute{r}PIP^{\circ}C, P \ddot{e}, \text{ } PsCl^{\circ}PeC-P \gg CH \text{ } PeP \ddot{e} \text{ } PiC \ddot{H}P \ddot{e} \text{ } PePsPSC, P^{\circ}PeC, C- \text{ } P \cdot \text{ } PIPjC-Cl^{\circ}C, PsPj$
 $PeP^{\circ}PiCl^{\circ}C \acute{r}P \gg P \ddot{e} \text{ } PjPsP \P P \gg P \ddot{e}PIP_{\mu} \text{ } PiPsPrC \ddot{H}P^{\circ}P \cdot PSP_{\mu}PSPSC \ddot{I} \text{ } Cl^{\circ}P \gg P \ddot{e}P \cdot PsPIPsC-$
 $PsP \pm PsP \gg PsPSPeP \ddot{e} \text{ } C \ddot{H}PsC, P^{\circ} \text{ } C, P^{\circ} \text{ } PiP \gg PsC, PeP \ddot{e}.$

$P_{\mu}C \ddot{H}PsCl^{\circ}C, C-Pr \text{ } PjPsP \P PSP^{\circ} \text{ } P \ddot{e}C \ddot{H}P \ddot{e}PN_{\circ}PjP^{\circ}C, P \ddot{e} \text{ } PSP_{\mu}P \cdot P^{\circ}P \gg P_{\mu}P \P PSPs \text{ } PIC-Pr \text{ } PiC \ddot{H}P \ddot{e}PN_{\circ}PsPjC \acute{r}$
 $C-\P C-.$

$P \acute{K}P_{\mu}P \cdot PIP^{\circ}P \P P^{\circ}C \ddot{H}C \dagger P \ddot{e} \text{ } PSP^{\circ} \text{ } C, P_{\mu}, \text{ } C\%Ps \text{ } PiPsP \gg P_{\mu}PiC \epsilon P_{\mu}PSPSC \ddot{I} \text{ } PIC-Pr \text{ } PiC \ddot{H}P \ddot{e}PN_{\circ}PsPjC \acute{r}$
 $PiC \ddot{H}P_{\mu}PiP^{\circ}C \ddot{H}P^{\circ}C, C \acute{r} \text{ } PjPsP \P P_{\mu} \text{ } Cl^{\circ}PiPsCl^{\circ}C, P_{\mu}C \ddot{H}C-PiP^{\circ}C, P \ddot{e}Cl^{\circ}C \ddot{I} \text{ } PSP^{\circ} \text{ } C \ddot{H}P^{\circ}PSPSC-PN_{\circ}$
 $Cl^{\circ}C, P^{\circ}PrC-C-, \text{ } PrP \gg C \ddot{I} \text{ } PsP \pm B \ddot{H}^{\text{TM}} \text{ } C^{\circ}PeC, P \ddot{e}PIPsPsC- \text{ } PsC \dagger C-PSPeP \ddot{e} \text{ } P_{\mu}C, P_{\mu}PeC, P \ddot{e}PIPsPsCl^{\circ}C, C-$
 $PrC-C- \text{ } PiC \ddot{H}P_{\mu}PiP^{\circ}C \ddot{H}P^{\circ}C, C \acute{r} \text{ } P \gg C-PeC \acute{r}PIP^{\circ}PSPSC \ddot{I} \text{ } Cl^{\circ}P \gg C-Pr \text{ } PiC \ddot{H}PsPrPsIP \P C \acute{r}PIP^{\circ}C, P \ddot{e} \text{ } PSP_{\mu}$
 $PjP_{\mu}PSC \epsilon P_{\mu} \text{ } 6 \text{ } PjC-Cl^{\circ}C \ddot{I}C \dagger C-PI.$

$P \acute{K}P \ddot{e}C \ddot{H}PePsPIP^{\circ} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH$

$P \acute{x}P^{\circ}C \ddot{H}PjP^{\circ}PePsPeC-PSP_{\mu}C, P \ddot{e}PeC \acute{r} \text{ } PrC \acute{r}C, P^{\circ}Cl^{\circ}C, P_{\mu}C \ddot{H}P \ddot{e}PrC \acute{r} \text{ } C \acute{r} \text{ } PiP^{\circ}C \dagger C-C^{\circ}PSC, C-PI$
 $C-P \cdot \text{ } PSP \ddot{e}C \ddot{H}PePsPIPsC \ddot{H} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH \text{ } PSP_{\mu} \text{ } PIP \ddot{e}PIC \dagger P^{\circ}P \gg P \ddot{e}, \text{ } C, PsPjC \acute{r}$
 $Cl^{\circ}P \gg C-Pr \text{ } P \cdot \text{ } PsP \pm P_{\mu}C \ddot{H}P_{\mu}P \P PSC-Cl^{\circ}C, CH \text{ } PiC \ddot{H}P \ddot{e}P \cdot PSP^{\circ}C \dagger P^{\circ}C, P \ddot{e} \text{ } PiP^{\circ}C \dagger C-C^{\circ}PSC, P^{\circ}Pj \text{ } P \cdot$
 $C, C \ddot{I}P \P PePsC \ddot{H} \text{ } PSP \ddot{e}C \ddot{H}PePsPIPsC \ddot{H} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH.$

$P_{\mu}P_{\mu}C \dagger C-PSPePsPIP^{\circ} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH$

$P \acute{x}P^{\circ}C \ddot{H}PjP^{\circ}PePsPeC-PSP_{\mu}C, P \ddot{e}PeC \acute{r} \text{ } PrC \acute{r}C, P^{\circ}Cl^{\circ}C, P_{\mu}C \ddot{H}P \ddot{e}PrC \acute{r} \text{ } C \acute{r} \text{ } PiP^{\circ}C \dagger C-C^{\circ}PSC, C-PI \text{ } C-P \cdot$
 $PiP_{\mu}C \dagger C-PSPePsPIPsC \ddot{H} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH \text{ } PSP_{\mu} \text{ } PIP \ddot{e}PIC \dagger P^{\circ}P \gg P \ddot{e}, \text{ } C, PsPjC \acute{r} \text{ } P \cdot$
 $PsP \pm P_{\mu}C \ddot{H}P_{\mu}P \P PSC-Cl^{\circ}C, CH \text{ } Cl^{\circ}P \gg C-Pr \text{ } P \cdot P^{\circ}Cl^{\circ}C, PsCl^{\circ}PsPIC \acute{r}PIP^{\circ}C, P \ddot{e} \text{ } PiC \ddot{H}P \ddot{e} \text{ } P \gg P_{\mu}PiPeC-PN_{\circ} \text{ } C, P^{\circ}$
 $PiPsPjC-C \ddot{H}PSC-PN_{\circ} \text{ } PiP_{\mu}C \dagger C-PSPePsPIC-PN_{\circ} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSPsCl^{\circ}C, C-. \text{ } P_{\mu}P^{\circ}C \dagger C-C^{\circ}PSC, P^{\circ}Pj$
 $P \cdot \text{ } C, C \ddot{I}P \P PePsC \ddot{H} \text{ } PiP_{\mu}C \dagger C-PSPePsPIPsC \ddot{H} \text{ } PSP_{\mu}PrPsCl^{\circ}C, P^{\circ}C, PSC-Cl^{\circ}C, CH \text{ } PiC \ddot{H}P_{\mu}PiP^{\circ}C \ddot{H}P^{\circ}C,$
 $PiC \ddot{H}PsC, P \ddot{e}PiPsPeP^{\circ}P \cdot P^{\circ}PSP \ddot{e}PN_{\circ}.$

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

$P-P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}I \dot{P}iC\dot{H}PsC, P\ddot{e}\dot{P}iPsPeP^{\circ}P\cdot P^{\circ}PSPs.$

$PuP\mu C\dot{H}P\mu PrPsP\cdot C\dot{z}PIP^{\circ}PSPSC\dot{I}I.$

$P-P^{\circ} PrP^{\circ}PSP\ddot{e}Pj\ddot{e} PeP\gg C-PSC-C\ddot{z}PSP\ddot{e}C... PrPsC\dot{I}P\gg C-PrP\dot{I}P\mu PSCH, C\dot{r}$
 $PrPsP\pm C\dot{H}PsPIPsP\gg CHC\dot{t}C-PI C\dot{H}P^{\circ}P\cdot PsPIC- PrPsP\cdot P\ddot{e} PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}PrC\dot{r} PrPs 40$
 $PjPi/PrPsP\pm C\dot{r} (C\dot{r} 80 C\dot{H}P^{\circ}P\cdot C-PI PIP\ddot{e}C\%C- P\cdot P^{\circ} C, P\mu C\dot{H}P^{\circ}\dot{P}iP\mu PIC, P\ddot{e}C\ddot{z}PSC-) \dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj$
 $7 PrPSC-PI PSP\mu PIP\ddot{e}PeP\gg P\ddot{e}PeP^{\circ}P\gg P\ddot{e} P\cdot P^{\circ}PSP\mu\dot{P}iPsPePsC''PSC\dot{H} P\cdot PsPiP\gg C\dot{I}PrC\dot{r} PSP^{\circ}$
 $P\pm P\mu P\cdot \dot{P}iP\mu PeC\dot{r} C-C... P\cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}I. P\mu C-Pr C\ddot{z}P^{\circ}C\dot{I} PeP\gg C-PSC-C\ddot{z}PSP\ddot{e}C...$
 $PrPsC\dot{I}P\gg C-PrP\dot{I}P\mu PSCH P\cdot P^{\circ}C\dot{I}C, PsC\dot{I}PsPIC\dot{r}PIP^{\circ}P\gg P\ddot{e} PrPsP\cdot P\ddot{e} PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}PrC\dot{r} \dot{P}iPs$
 $5 PjPi/PrPsP\pm C\dot{r} \dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj 6 PjC-C\dot{I}C\dot{I}C\dot{t}C-PI P\pm P\mu P\cdot \dot{P}iPsC\dot{I}PIP\ddot{e}$
 $PrPsPrP^{\circ}C, PePsPIP\ddot{e}C... \dot{P}iPsP\pm C-C\ddot{z}PSP\ddot{e}C... C\dot{H}P\mu P^{\circ}PeC\dot{t}C-PN\ddot{e} \dot{P}iPsC\dot{H}C-PIPSC\dot{I}IPSPs P\cdot$
 $P\cdot P^{\circ}C\dot{I}C, PsC\dot{I}C\dot{r}PIP^{\circ}PSPSC\dot{I}IPj PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}PrC\dot{r} C\dot{r} PrPsP\cdot P^{\circ}C... 0,5 PjPi/PrPsP\pm C\dot{r}.$

$P\ddot{Y}\dot{P}iP\mu C\dot{t}P\ddot{e}C,, C-C\ddot{z}PSPs\dot{P}iPs P^{\circ}PSC, P\ddot{e}PrPsC, C\dot{r} PSP\mu PjP^{\circ}C'', C, PsPjC\dot{r} C\dot{r} C\dot{H}P^{\circ}P\cdot C-$
 $PjPsP\dot{I}P\gg P\ddot{e}PiPs\dot{P}iPs \dot{P}iP\mu C\dot{H}P\mu PrPsP\cdot C\dot{r}PIP^{\circ}PSPSC\dot{I}I \dot{P}iC\dot{H}PsPIPsPrP\ddot{e}C, CHC\dot{I}C\dot{I}$
 $C\dot{I}P\ddot{e}Pj\dot{P}iC, PsPjP^{\circ}C, P\ddot{e}C\ddot{z}PSP^{\circ} C, P^{\circ} \dot{P}iC-PrC, C\dot{H}P\ddot{e}PjC\dot{r}PIP^{\circ}P\gg CH\dot{H}PSP^{\circ} C, P\mu C\dot{H}P^{\circ}\dot{P}iC-C\dot{I}I.$

$PuPsP\pm C-C\ddot{z}PSC- C\dot{H}P\mu P^{\circ}PeC\dot{t}C-C-.$

$P\dot{H}PsPSPsC, P\mu C\dot{H}P^{\circ}\dot{P}iC-C\dot{I}I PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}PrPsPj$

$P\mu C\dot{H}P\ddot{e}P\pm P\gg P\ddot{e}P\cdot PSPs C\dot{r} 19 \% P\cdot 2167 \dot{P}iP^{\circ}C\dot{t}C-C''PSC, C-PI, C\dot{I}PeC- \dot{P}iC\dot{H}P\ddot{e}PN\ddot{e}PjP^{\circ}P\gg P\ddot{e}$
 $PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}Pr C\dot{r} PrPIPsC\dot{H}C-C\ddot{z}PSP\ddot{e}C... \dot{P}iP\gg P^{\circ}C\dot{t}P\mu P\pm Ps-$
 $PePsPSC, C\dot{H}PsP\gg CH\dot{H}PsPIP^{\circ}PSP\ddot{e}C... PrPsC\dot{I}P\gg C-PrP\dot{I}P\mu PSPSC\dot{I}IC... C,, P^{\circ}P\cdot P\ddot{e} P\dot{t}P\dot{t}P\dot{t},$
 $\dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj \dot{P}iP\mu C\dot{H}C\ddot{e}Ps\dot{P}iPs C\dot{H}PsPeC\dot{r} P\gg C-PeC\dot{r}PIP^{\circ}PSPSC\dot{I}I PIP\ddot{e}PSP\ddot{e}PeP\gg P\ddot{e}$
 $\dot{P}iPsP\pm C-C\ddot{z}PSC- C\dot{H}P\mu P^{\circ}PeC\dot{t}C-C- . P'C-P\gg CH\dot{H}C\ddot{e}C-C\dot{I}C, CH\dot{H} PSP\mu P\pm P^{\circ}P\dot{I}P^{\circ}PSP\ddot{e}C... C\dot{I}PIP\ddot{e}C\%,$
 $C\%Ps C\dot{I}\dot{P}iPsC\dot{I}C, P\mu C\dot{H}C-\dot{P}iP^{\circ}P\gg P\ddot{e}C\dot{I}C\dot{I}I, P\pm C\dot{r}P\gg P\ddot{e} P\gg P\mu\dot{P}iPePsC- P^{\circ}P\pm Ps \dot{P}iPsPjC-C\dot{H}PSPsC-$
 $C, C\dot{I}P\dot{I}PePsC\dot{I}C, C- C, P^{\circ} PIC\dot{H}P^{\circ}P\dot{I}P^{\circ}P\gg P\ddot{e} C\dot{H}P\mu\dot{P}iC\dot{H}PsPrC\dot{r}PeC, P\ddot{e}PIPSC\dot{r} C\dot{I}P\ddot{e}C\dot{I}C, P\mu PjC\dot{r}.$
 $P\mu C\dot{H}PsC, C\dot{I}PiPsPj PSP^{\circ}C\dot{I}C, C\dot{r}\dot{P}iPSP\ddot{e}C... 2 C\dot{H}PsPeC-PI C\dot{r} PIC-PrPeC\dot{H}P\ddot{e}C, P\ddot{e}C...$
 $C\dot{H}PsP\cdot C\ddot{e}P\ddot{e}C\dot{H}P\mu PSP\ddot{e}C... PrPsC\dot{I}P\gg C-PrP\dot{I}P\mu PSPSC\dot{I}IC... PSP\mu P\pm C\dot{r}P\gg Ps PIP\ddot{e}C\dot{I}PIP\gg P\mu PSPs$
 $P\dot{I}PsPrPSP\ddot{e}C... P\cdot PjC-PS C\dot{r} \dot{P}iC\dot{H}PsC,, C-P\gg C- \dot{P}iPsP\pm C-C\ddot{z}PSP\ddot{e}C... C\dot{I}PIP\ddot{e}C\%.$

$Pj C, P^{\circ}P\pm P\gg P\ddot{e}C\dot{t}C- 1 PSP^{\circ}PIP\mu PrP\mu PSPs PSP\mu P\pm P^{\circ}P\dot{I}P^{\circ}PSC- C\dot{H}P\mu P^{\circ}PeC\dot{t}C-C-,$
 $PIP\ddot{e}C\dot{I}PIP\gg P\mu PSC- \dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj PePsPSC, C\dot{H}PsP\gg CH\dot{H}PsPIP^{\circ}PSP\ddot{e}C... PeP\gg C-PSC-C\ddot{z}PSP\ddot{e}C...$
 $PIP\ddot{e}\dot{P}iC\dot{H}PsP\pm C\dot{r}PIP^{\circ}PSC\dot{H}. P\acute{k}P^{\circ}PIP\mu PrP\mu PSC- PSP\mu P\pm P^{\circ}P\dot{I}P^{\circ}PSC- C\dot{I}PIP\ddot{e}C\%P^{\circ},$
 $PIP\ddot{e}C\dot{I}PIP\gg P\mu PSC- \dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj PeP\gg C-PSC-C\ddot{z}PSP\ddot{e}C... PIP\ddot{e}\dot{P}iC\dot{H}PsP\pm C\dot{r}PIP^{\circ}PSC\dot{H},$
 $C\dot{I}PeC-, PSP^{\circ} PrC\dot{r}PjPeC\dot{r} PrPsC\dot{I}P\gg C-PrPSP\ddot{e}PeC-PI, P\pm C\dot{r}P\gg P\ddot{e} \dot{P}iPsPI\dot{H}^{\text{TM}} C\dot{I}P\cdot P^{\circ}PSC- P\cdot$
 $\dot{P}iC\dot{H}P\ddot{e}PN\ddot{e}PsPjPsPj P\gg C-PeC-PI (P\cdot C\ddot{z}P^{\circ}C\dot{I}C, PsC, PsC\dot{H} P\pm C-P\gg CH\dot{H}C\ddot{e}P\mu P^{\circ}P\pm Ps C\dot{H}C-PIPSPsC\dot{H} 1$
 $\%), P\cdot P\pm C-P\gg CH\dot{H}C\ddot{e}PsC\dot{H} C\ddot{z}P^{\circ}C\dot{I}C, PsC, PsC\dot{H} C\dot{I}\dot{P}iPsC\dot{I}C, P\mu C\dot{H}C-\dot{P}iP^{\circ}P\gg P\ddot{e}C\dot{I}C\dot{I}I C\dot{r}$
 $\dot{P}iP^{\circ}C\dot{t}C-C''PSC, C-PI, C\dot{I}PeC- \dot{P}iC\dot{H}P\ddot{e}PN\ddot{e}PjP^{\circ}P\gg P\ddot{e} PrC\dot{r}C, P^{\circ}C\dot{I}C, P\mu C\dot{H}P\ddot{e}Pr, \dot{P}iPsC\dot{H}C-PIPSC\dot{I}IPSPs$
 $P\cdot \dot{P}iP\gg P^{\circ}C\dot{t}P\mu P\pm Ps \dot{P}iC\dot{H}PsC, C\dot{I}PiPsPj \dot{P}iP\mu C\dot{H}C\ddot{e}Ps\dot{P}iPs C\dot{H}PsPeC\dot{r} P\gg C-PeC\dot{r}PIP^{\circ}PSPSC\dot{I}I.$

РљР»Р°СГРёС„С-РёР°СГС-СЦ СР°СГС,РсС,Рё: РrСrР¶Рµ СР°СГС,Рс (> 1/10), СР°СГС,Рс (≥ 1/100 РrРс <1/10), РSPµСР°СГС,Рс (РIC-Рr 1/1000 РrРс 1/100), СГС-РrРёРс (РIC-Рr 1/10000 РrРс 1/1000), РrСrР¶Рµ СГС-РrРёРс (<1/10000), СР°СГС,РсС,Р° РSPµРIC-РrРсРjР° (РSPµРjРсР¶Р»РёРёРс РсСГС-РSPёС,Рё Р· РSP°СЦРIPSPёС... РrР°РSPёС...).

РŸР°Р±Р»РёСГСЦ 1

РŸРёСГС,РµРjР° РсСГРiР°РSC-PI	РµРсР±С-СР°РSP° СГРµР°РёСГС-СЦ	РSP°СГС,РсС,Р° Р·Р°С...РiРсСГСГРiР°РSPSCЦ Р·Р° РrР°РSPёРjРё РёР»С-РSC-СР°РSPёС... РrРсСГР»С-РrР¶РµРсСГ	РSP°СГС,РсС,Р° Р·Р°С...РiРсСГСГРiР°РSPSCЦ Р·Р°С...РiРсСГСГРiР°РSPSCЦ РiСГРсС,СЦРiРсРj 1 СГРсРёСРёСГ Р»С-РёСГРiР°РSPSCЦ (n=2167)	РSP°СГС,РсС,Р° Р·Р°С...РiРсСГСГРiР°РSPSCЦ РiСГРсС,СЦРiРсРj 2 СГРсРёСРёСГ Р»С-РёСГРiР°РSPSCЦ (n=1744)
Р— Р±РсРёСГ СГРµРiСГРсРrСrРёРёС,РёРiРSPсС-СГРёСГС,РµРjРё С,Р° РjРсР»РсСР°РSPёС... Р·Р°Р»РсР·	РjРiРсС,РµРсСГС-СЦ* Р—РjС-РSPµРSPµ (Р·РSPёР¶РµРµРµРµ) Р»С-Р±С-РrРс* Р РсР·Р»Р°РёС РµСЦРёСГР»СЦСГС-С^ Р—Р°С...РiРсСГСГРiР°РSPSCЦ РjРсР»РсСР°РSPсС— Р·Р°Р»РсР·Рё	6,0 % 3,7 % 1,8 % 1,3 %	1,7 % 0,6 % 0,5 % 1,3 %	
Р— Р±РсРёСГ С-РjСГРSPSPсС—СГРёСГС,РµРjРё	Р»Р»РµРµСГiС-СРSC-СГРµР°РёСГС-С—, РiРёР»Р»СР°Р»Р»Р» РiРёСГРёРё, СГРiРµСГР±С-Р¶, РёСГРсРiРёРiРёСГ™ СЦРSPёСГ, Р»РсРёР°Р»Р»Р»Р»Р» РSP°Р±СГСЦРёС-Р°РSPiС-РсРSPµРiСГРсС,РёСР°РSPёРµ РSP°Р±СГСЦРёС		Р»СГС-РSPёР° Р·Р°С...РiРсСГСГРiР°РSPсГС,С- Р·Р° РiРсСГС,СГРµРµСГС,СГР°СГС-РµРSPёРjРё РrР°РSPёРjРё	РSP°СГС,РсС,Р° РSPµРIC-РrРсРjР°
РµСГРёСГС...С-СР°РSC-СГРсР·Р»Рё	РµРiСГРµСГС-СЦ		РSP°СГС,РсС,Р° РSPµРIC-РrРсРjР°	
Р— Р±РсРёСГ СРёРёС-СГРё С,Р° РiС-РrСРёС-СГРSPсС— РёР»С-С,РёРсРiРёРSPё	Р»Р»РµРµРµРµСГС-СЦ (РSP°СГР°РjРiРµСГРµРr РiС,СГР°С,Р° РiРсР»РсСГСГС РSP°С,С-Р»С-), РiС-РiРµСГС,СГРёС...РсР·		РкРµСР°СГС,Рс	
Р— Р±РсРёСГ СГРµРiСГРсРrСrРёРёС,РёРiРSPсС-СГРёСГС,РµРjРё С,Р° РjРсР»РсСР°РSPёС... Р·Р°Р»РсР·	РŸРµСГС,РёРёСГР»СЦСГРSPёРµ Р±С-Р»С С,Р° РSP°Р±СГСЦРёС		РSP°СГС,РсС,Р° РSPµРIC-РrРсРjР°	

*Р—Р°Р·РSP°СРµРµРSC- РSPµР±Р°Р¶Р°РSC- СЦРIPёС%Р° Р· Р±РсРёСГ СГС,Р°С,РµРiРсС— СГРёСГС,РµРjРё, РiРсРiРёСГ™ СЦР·Р°РSC- Р· Р»С-РёСГРiР°РSPSCЦ РrСrС,Р°СГС,РµСГРёРrРсРj (РiРёР»Р»СР°Р»Р»Р» РjРсРSPсС,РµСГР°РiС-СГ С,Р° РёРсРjР±С-РSP°СГС-СГ Р· С,Р° РjСГСГР»РсР·РёРSPсРj). РкР°РiРµРrРµРSC- РiРсР±С-СР°РSC- СГРµР°РёСГС- РjРсР¶СГС,СГ С,СГРёРiР°РSP°С,Рё С- РiС-СГР»СЦ РiСГРёРiРёРSPµРSPSCЦ Р»С-РёСГРiР°РSPSCЦ. Р РсР»Р» РrСrС,Р°СГС,РµСГРёРrСГ СГСГС-РµСГСГС,С- РSPµРIC-РrРсРjР°.

^ Р'РёР»Р»СР°Р»Р» Р·РjРµРSCёРµРSPSCЦ РсР±СГ™ СГРiРµСГРjРё.

Р'РёР»Р»СР°Р»Р» СГСГС,Р»РёРiС-СГС,СГ С,Р° Р·Р±С-Р»СГёРµРSPSCЦ РiСГСГРrРµРµ.В В В

РµСГРсГС,С-Рr СГ РёРсРjР±С-РSP°СГС-С— Р· Р°Р»СГ,Р°-Р±Р»РсРёР°С,РсСГРсРj С,Р°РjСГСГР»РсР·РёРSPсРj

Р"Р°РSC- СРсС,РёСГРёСГС-СРSPсРiРс РrРсСГР»С-РrР¶РµРµРSPSCЦ CombAT, СГ СЦРёРсРjСГ

PIPsC₇C-PIPSC₇PIP°PIC₇C₇ P_iC₇P_ePN_ePsPj PrC₇C,P°C₇C,P_μC₇P_ePrC₇
 0,5 PjPi (n = 1 623) C,P° C,P°PjC₇C₇P»PsP·P_ePS₇C₇ 0,4 PjPi (n = 1611) 1 C₇P°P·PSP° PrPsP±C₇
 PsPeC₇P_μPjPs C,P° PI PePsPjP±C-PSP°C₇C-C—
 (n = 1610), P_iPsPeP°P·P°P»P_e, C%₀Ps C₇P°C₇C,P_μC,P° P_iPsP±C-C₇PSP_eC... C₇PIPI_eC%₀,
 C₇P_iC₇P_eC₇P_ePS₇μPSP_eC... P_iC₇P_ePN_ePsPjPsPj P_iC₇P_μP_iP°C₇P°C,C-PI, P_iC₇PsC,C₇PI_iPsPj
 P_iP_μC₇C_ePsPiPs, PrC₇C₇P_iPsPiPs, C,C₇P_μC,C₇PsPiPs C,P° C₇P_μC,PIP_μC₇C,PsPiPs C₇PsPeC₇
 P»C-PeC₇PIP°PSPSC₇ PIC-PrP_iPsPIC-PrPSPs C₇C,P°PSPsPIP_eP»P° 22 %, 6 %, 4 % C- 2 % PrP»C₇
 PePsPjP±C-PSPsPIP°PSPsC— C,P_μC₇P°P_iC-C—
 PrC₇C,P°C₇C,P_μC₇P_ePrPsPj/C,P°PjC₇C₇P»PsP·P_ePS₇PsPj, 15 %, 6 %, 3 % C- 2 % PrP»C₇
 PjPsPSPsC,P_μC₇P°P_iC-C— PrC₇C,P°C₇C,P_μC₇P_ePrPsPj, P° C,P°PePsP₇ 13 %, 5 %, 2 % C- 2 %
 PrP»C₇ PjPsPSPsC,P_μC₇P°P_iC-C— C,P°PjC₇C₇P»PsP·P_ePS₇PsPj. P'C-P»C₇C_eP° C₇P°C₇C,P_μC,P°
 PIP_ePSP_ePePSP_μPSPSC₇ P_iPsP±C-C₇PSP_eC... C₇P_μP°PeC₇C-PN_e C₇ P_iC₇C₇P_iC-
 PePsPjP±C-PSPsPIP°PSPsC— C,P_μC₇P°P_iC-C— P_iC₇PsC,C₇PI_iPsPj P_iP_μC₇C_ePsPiPs C₇PsPeC₇
 P»C-PeC₇PIP°PSPSC₇ P±C₇P»P° P·C₇PjPsPIP»P_μPSP° P±C-P»C₇C_e PIP_eC₇PsPePsC₇
 C₇P°C₇C,P_μC,PsC₇ P_iPsC₇C₇C_eP_μPSCH₇ C₇P_μP_iC₇PsPrC₇PeC,P_ePIPS₇C— C₇P_eC₇C,P_μPjP_e,
 P·PsPeC₇P_μPjP° P_iPsC₇C₇C_eP_μPSCH₇ P_μC₇PeC₇P»C₇C₇C-C—, C%₀Ps
 C₇P_iPsC₇C,P_μC₇C-PiP°P»P_eC₇C₇ C₇ C₇C-PN_e P_iC₇C₇P_iC-.

P_μC₇PsC,C₇PI_iPsPj P_iP_μC₇C_ePsPiPs C₇PsPeC₇ P»C-PeC₇PIP°PSPSC₇ C₇
 PrPsC₇P»C-PrP₇P_μPSPSC- CombAT P·P°P·PSP°C₇P_μPSC- PSP_eP₇C₇P_μ P_iPsP±C-C₇PSC-
 C₇P_μP°PeC₇C-C—, C₇PeC-, PSP° PrC₇PjPeC₇ PrPsC₇P»C-PrPSP_ePeC-PI,
 P_iPsPI₇™ C₇PIP·P°PSC- P· P_iC₇P_ePN_ePsPjPsPj P_iC₇P_μP_iP°C₇P°C,C-PI, P±C₇P»P_e
 P·P°C₇P_μC₇C₇C,P_μPSIP°PSC- P· C₇P°C₇C,P_μC,PsC₇, P±C-P»C₇C_ePsC₇ P°P±Ps
 C₇C-PIPS₇C₇ 1 %; C₇P°C₇C,P_μC,P° PIP_ePSP_ePePSP_μPSPSC₇ C₇P_eC... C₇P_μP°PeC₇C-PN_e
 P_iC₇PsC,C₇PI_iPsPj C₇PsC,P_eC₇CH₇PsC... C₇PsPeC-PI P»C-PeC₇PIP°PSPSC₇
 PSP°PIP_μPrP_μPSP° PI C,P°P±P»P_eC₇C- 2.

P₇P°P±P»P_eC₇C₇ 2

P ₇ P»P°C ₇ C ₇ P _e C ₇ C,P _μ PjP _e PsC ₇ PiP°PSC-PI	P _μ PsP±C-C ₇ PSP° C ₇ P _μ P°PeC ₇ C-C ₇	P ₇ P°C ₇ C,P _μ C,P° P·P°C...PIPsC ₇ CH ₇ PIP°PSPsC ₇ C,C- P _i C ₇ PsC,C ₇ PI _i PsPj P _i P _μ C ₇ C-PsPrC ₇ P»C-PeC ₇ PIP°PSPSC ₇			
		P C-Pe 1	P C-Pe 2	P C-Pe 3	P C-Pe 4
	B B P ₇ PsPjP±C-PSP°C ₇ C-C ₇ ^a (n)	(n=1610)	(n=1428)	(n=1283)	(n=1200)
	B B P°C ₇ C,P°C ₇ C,P _μ C ₇ P _e Pr	(n=1623)	(n=1464)	(n=1325)	(n=1200)
P— P±PsPeC ₇ PSP _μ C ₇ PIPsPIPsC— C ₇ P _e C ₇ C,P _μ PjP _e	B B P ₇ P°PjC ₇ C ₇ P»PsP·P _e PS	(n=1611)	(n=1468)	(n=1281)	(n=1112)
	P—P°P _i P°PjPsC ₇ PsC ₇ P _μ PSPSC ₇				
	B B P ₇ PsPjP±C-PSP°C ₇ C-C ₇ ^a	1,4 %	0,1 %	<0,1 %	0,2 %
	B B P°C ₇ C,P°C ₇ C,P _μ C ₇ P _e Pr	0,7 %	0,1 %	<0,1 %	<0,1 %
P— P±PsPeC ₇ C ₇ P _μ C ₇ C ₇ C ₇	B B P ₇ P°PjC ₇ C ₇ P»PsP·P _e PS	1,3 %	0,4 %	<0,1 %	0 %
	P ₇ P _μ C ₇ C ₇ P _μ PIP° PSP _μ PrPsC ₇ C,P°C,PSC-C ₇ C,C ₇ (P·P°PiP°P»CH ₇ PSP° PSP°P·PIP° ^b)	0,2 %			
	B B P ₇ PsPjP±C-PSP°C ₇ C-C ₇ ^a	<0,1 %	0,4 %	0,2 %	0,2 %
	B B P°C ₇ C,P°C ₇ C,P _μ C ₇ P _e Pr	0,1 %	0,1 %	<0,1 %	0 %
	B B P ₇ P°PjC ₇ C ₇ P»PsP·P _e PS		<0,1 %	0,4 %	0,2 %

P— P±PsPeCf	P†PjPiPsC,PμPSC†C-Cl [°]				
CḡPμPiCḡPsPrCfPeC,PëPIPPsC—	B B PḡPsPjP±C-PSP°C†C-Cl ^a	6,3 %	1,8 %	0,9 %	0,4 %
C†PëC†C,PμPjPë C,P°	B B P°CfC,P°C†C,PμCḡPëPr	5,1 %	1,6 %	0,6 %	0,3 %
PjPsP»PSC†PSPëC... P·P°P»PsP·	B B PḡP°PjC†CfP»PsP·PëPS	3,3 %	1,0 %	0,6 %	1,1 %
	P—PjC-PSPμPSPμ (P·PSPëP¶PμPSPμ) P»C-P±C-PrPs ^c				
	B B PḡPsPjP±C-PSP°C†C-Cl ^a	5,3 %	0,8 %	0,2 %	0 %
	B B P°CfC,P°C†C,PμCḡPëPr	3,8 %	1,0 %	0,2 %	0 %
	B B PḡP°PjC†CfP»PsP·PëPS	2,5 %	0,7 %	0,2 %	<0,1 %
	PμPsCḡCfCëPμPSPSCl ⁱ PμClIPeCfP»ClC†C-C— ^{c^}				
	B B PḡPsPjP±C-PSP°C†C-Cl ^a	9,0 %	1,0 %	0,5 %	<0,1 %
	B B P°CfC,P°C†C,PμCḡPëPr	1,5 %	0,5 %	0,2 %	0,3 %
	B B PḡP°PjC†CfP»PsP·PëPS	2,7 %	0,5 %	0,2 %	0,3 %
	P—P°C...PIPsCḡCḡPIP°PSPSCl ⁱ PjPsP»PSC†PSPëC... P·P°P»PsP· ^d				
	B B PḡPsPjP±C-PSP°C†C-Cl ^a	2,1 %	0,8 %	0,9 %	0,6 %
	B B P°CfC,P°C†C,PμCḡPëPr	1,7 %	1,2 %	0,5 %	0,7 %
	B B PḡP°PjC†CfP»PsP·PëPS	0,8 %	0,4 %	0,2 %	0 %

^a PḡPsPjP±C-PSP°C†C-Cl: PrCfC,P°C†C,PμCḡPëPr 0,5 PjPi 1 CḡP°P· PSP° PrPsP±Cf PiP»CḡC†Cf C,P°PjC†CfP»PsP·PëPS 0,4 PjPi 1 CḡP°P· PSP° PrPsP±Cf.

^b P—P°PiP°P»CḡPSPëPN₂ C,PμCḡPjC-PS B«PḡPμCḡC†PμPIP° PSPμPrPsC†C,P°C,PSC-C†C,CḡB» PIPeP»CḡC†P°C” P·P°C†C,C-PN₂PSC† C†PμCḡC†PμPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, C†PμCḡC†PμPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, P»C-PIPsCëP»C†PSPsC†PePsPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, PiPsC†C,CḡC† C†PμCḡC†PμPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, PeP°CḡPrC-PsPiPμPSPSPëPN₂ CëPsPe, PiPsC†C,CḡC† P»C-PIPsCëP»C†PSPsC†PePsPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, PiCḡP°PIPsCëP»C†PSPsC†PePsPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, PiPsC†C,CḡC† PiCḡP°PIPsCëP»C†PSPsC†PePsPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, CëP»C†PSPsC†PePsPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, C†PμCḡC†PμPIPs-P»PμPiPμPSPμPIC† PSPμPrPsC†C,P°C,PSC-C†C,Cḡ, P·P°C†C,C-PN₂PSC† PeP°CḡPrC-PsPjC-PsPiP°C,C-Cḡ.

^c PḡP°PIPμPrPμPSC- PiPsP±C-C†PSC- CḡPμP°PeC†C-C— P· P±PsPeCf C†C,P°C,PμPIPsC— C†PëC†C,PμPjPë PiPsPiBḡ[™] ClIP·P°PSC- P· P»C-PeC†PIP°PSPSClⁱPj PrCfC,P°C†C,PμCḡPëPrPsPj (PIPeP»CḡC†P°CḡC†Pë PjPsPSPsC,PμCḡP°PiC-Cḡ C,P° PePsPjP±C-PSP°C†C-Cḡ P· C,P°PjC†CfP»PsP·PëPSPsPj). PḡP°PIPμPrPμPSC- PiPsP±C-C†PSC- CḡPμP°PeC†C-C— PjPsP¶C†C,Cḡ C,CḡPëPIP°C,Pë PiC-C†P»Clⁱ PiCḡPëPiPëPSPμPSPSClⁱ P»C-PeC†PIP°PSPSClⁱ. P PsP»Cḡ PrCfC,P°C†C,PμCḡPëPrC† C† C†C-PN₂ C†C,C-PN₂PePsC†C,C- PSPμPIC-PrPsPjP°.

^d P’PeP»CḡC†P°C” C†C†C,P»PëPIC-C†C,Cḡ C,P° P·P±C-P»CḡCëPμPSPSClⁱ PiCḡC†PrPμPN₂.

[^] P’PeP»CḡC†P°C” P·PjPμPSCëPμPSPSClⁱ PsP±Bḡ[™] C”PjC† C†PiPμCḡPjPë.

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P†PSCëC- PrP°PSC-

P°PSC†P»C-PrP¶PμPSPSClⁱ REDUCE PIPëClⁱPIPëP»Ps P±C-P»CḡCë PIPëC†PsPeC† C†P°C†C,PsC,C† CḡP°PeC† PiCḡPsC†C,P°C,Pë P· PsC†C-PSPePsCḡ P·P° CëPeP°P»PsCḡ P°P»C-C†PsPSP° 8Bḡ[™]10 C† C†PsP»PsPIC-PeC-PI, ClIPeC- PiCḡPëPN₂PjP°P»Pë PrCfC,P°C†C,PμCḡPëPr, PiPsCḡC-PIPSClⁱPSPs P· PiP»P°C†PμP±Ps. PḡPμPIC-PrPsPjPs, C†Pë PIPiP»PëPSC†P»Pë PSP° CḡPμP·C†P»CḡC,P°C,Pë C†CḡPsPiPs PrPsC†P»C-PrP¶PμPSPSClⁱ

P·PjPμPSC€PμPSPSCЦ PsP±b™ C”PjCf PīCḡPsCfC,P°C,Pē C±Pē C-PSC€C- C,,P°PeC,PsCḡPē,
PīPsPIb™ CЦP·P°PSC- P· PīCḡPēPNsPsPjPsPj PrCfC,P°CfC,PμCḡPēPrCf.
PμPsPIC-PrPsPjP»CЦP»PsCfCЦ PīCḡPs PIPēPīP°PrPePē PIPēCЦPIP»PμPSPSCЦ CḡP°PeCf
PīCḡCfPrPμPNē Cf C±PsP»PsPIC-PeC-PI (PrPēPI. CḡPsP·PrC-P» B«PhCfPsP±P»PēPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCЦB»).

P—PIC-C,CzPIP°PSPSCЦ PīCḡPs PīC-PrPsP·CḡCḡPIP°PSC- PīPsP±C-C±PSC- CḡPμP°PeCfC-C—

PμPsPIC-PrPsPjP»PμPSPSCЦ PīCḡPs PīPsP±C-C±PSC- CḡPμP°PeCfC-C— PīC-CfP»CЦ
CḡPμC”CfC,CḡP°CfC-C— P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf PjP°C” PIPμP»PēPePμ
P·PSP°C±PμPSPSCЦ. P|Pμ PrP°C” P·PjPsPīCf PīCḡPsPIPsPrPēC,Pē PjPsPSC-C,PsCḡPēPSPi
CfPīC-PIPIC-PrPSPsC€PμPSPSCЦ PePsCḡPēCfC,CH/CḡPēP·PēPe PīCḡPē
P·P°CfC,PsCfCfPIP°PSPSC- CfCHPsPiPs P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf.
PḡPμPrPēC±PSPēPj C,P° C,,P°CḡPjP°CfPμPIC,PēC±PSPēPj PīCḡP°CfC-PIPSPēPeP°Pj, P°
C,P°PePsP¶ PīP°CfC-C”PSC,P°Pj P°P±Ps C—...PSC-Pj P·P°PePsPSPSPēPj
PīCḡPμPrCfC,P°PIPSPēPeP°Pj CfP»C-Pr PīPsPIC-PrPsPjP»CЦC,Pē PīCḡPs CfCfC-
PIPēPīP°PrPePē PīC-PrPsP·CḡCḡPIP°PSPēC... PīPsP±C-C±PSPēC... CḡPμP°PeCfC-PNē C,P°
PIC-PrCfCfC,PSPsCfC,C- PμC,,PμPeC,PēPIPSPsCfC,C- P»C-PeP°CḡCfCHPePsPiPs P·P°CfPsP±Cf
PrPs P”PμCḡP¶P°PIPSPsPiPs PμPeCfPīPμCḡC,PSPsPiPs CfPμPSC,CḡCf PḡPhP—
PjPeCḡP°C—PSPē P·P° PīPsCfPēP»P°PSPSCЦPj: <https://aisf.dec.gov.ua>.

PḡPμCḡPjC-PS PīCḡPēPrP°C,PSPsCfC,C-. 3 CḡPsPePē.

PjPjPsPIPē P·P±PμCḡC-PiP°PSPSCЦ. P—P±PμCḡC-PiP°C,Pē PI
PsCḡPēPiC-PSP°P»CHPSC-PNē CfPīP°PePsPICfC- PīCḡPē C,PμPjPīPμCḡP°C,CfCḡC- PSPμ
PIPēC%oPμ 30 B°PŸ. P—P±PμCḡC-PiP°C,Pē Cf PSPμPrPsCfC,CfPīPSPsPjCf PrP»CЦ
PrC-C,PμPNē PjC-CfCfC-.

PjPīP°PePsPIPeP°. PμPs 10 PeP°PīCfCfP» Cf P±P»C-CfC,PμCḡC-; PīPs 3 P±P»C-CfC,PμCḡPē PI
PeP°CḡC,PsPSPSC-PNē PePsCḡPsP±CfC-.

PḡP°C,PμPiPsCḡC-CЦ PIC-PrPīCfCfPeCf. P—P° CḡPμCfPμPīC,PsPj.

P’PēCḡPsP±PSPēPe. PhP»C-PI PαP°CḡPjP°CfP°PNēC”PSCf P»C-PjC-C,PμPr.

**PḡC-CfCfPμP·PSP°C...PsPrP¶PμPSPSCЦ PIPēCḡPsP±PSPēPeP° C,P° P°PrCḡPμCfP°
PjC-CfCfCЦ PīCḡPsPIP°PrP¶PμPSPSCЦ PNēPsPiPs PrC-CЦP»CHPSPsCfC,C-.**

P®PSC-C,-PfPf, PμP»PsC, B,, - 163/2, PḡP°C...P°C,PjP° P”P°PSPPrC- PjPrC-PsPi PḡP°PiP°Cḡ,

$P''P^\circ P \pm C \dots P_\mu P \gg CH$ $P'C - P \gg P_\mu Pr P^\nabla$, $P\acute{K}P^\circ PSC - P''P^\circ PjP^\circ PS$, $P''P^\circ PjP^\circ PS - 396\ 210$, $P\ddagger PSPrC - C\ddagger$.