

[illegible]

РiСҗРёРiРSС-С±СrС" Р°РiСҗРµРiР°С†С-СҒ С,СҗРsРjР±РsС†РёС,С-Рi,
РeР»РsРiС-РrРsРiСҗРµР»СҒ РiРsРiРёРsРµРµРs Р±С-РsС,СҗР°РsСҒС,,РsСҗРjСrРiР°С,РёСҒСҒ
РiС-Рr РrС-С"СҒ С,,РµСҗРjРµРsС,С-Рi С†РёС,РsС...СҗРsРjСr СYP 450. РҗРeС,РёРiРsРёР№
РjРµС,Р°Р±РsР»С-С, РeР»РsРiС-РrРsРiСҗРµР»СҒ СҒРµР»Р»РµС,РёРiРsРs РiСҗРёРёРiРSС-С±СrС"
Р·РiРґҗ СҒР·СrРiР°РsРSСҒ Р°РrРµРsРsР·РёРsРrРёС,,РsСҒС,,Р°С,Сr (РҗР"Рґ) Р· Р№РsРiРs Р2Y₁₂-
СҗРµС†РµРiС,РsСҗР°РjРё РsР° РiРsРiРµСҗС...РsС- С,СҗРsРjР±РsС†РёС,Сr С,Р°
РiРsРrР°Р»СҒСҒ РҗР"Рґ-С-РsРrСrРeРsРiР°РsСҒ Р°РeС,РёРiР°С†С-СҒ РeРsРjРiР»РµСҒСҒ
РiР»С-РeРsРiСҗРsС,РµС—РsСҒ Iib/IIIa С-, С,Р°РeРёРj С±РёРsРj, РiСҗРёРёРiРSС-С±СrС"
Р°РiСҗРµРiР°С†С-СҒ С,СҗРsРjР±РsС†РёС,С-Рi.

РҗСҒРeС-Р»СҒРeРё Р·РiРґҗ СҒР·СrРiР°РsРSСҒ С" РsРµРsР±РsСҗРsС,РsРёРj,
С,СҗРsРjР±РsС†РёС,Рё, С°Рs РiСҒС,СrРiРёР»Р» Рё Сr РiР·Р°С"РjРsРrС-СҒ Р·
РeР»РsРiС-РrРsРiСҗРµР»РµРj, Р°Р»Р»Р»Р°СҒС,СҒСҒСҒ Р·РjС-РsРµРsРёРjРё
РiРiСҗРsРrРsРiРҒ СҒСҒСҒРsРiРs РiРµСҗС-РsРrСr С—С...РsСҒРsРiРs РҒРёС,С,СҒ (СҒРeРёР№
СҒС,Р°РsРiРёС,СҒ РiСҗРёРёР±Р»Р»Р»Р» Р·Р·РsР 7Бҗ"10 РrРSС-Рi), Р° РiС-РrРsРsРiР»РµРsРSСҒ
РsРsСҗРjР°Р»СҒРsРiРs С,,СrРsРeС†С-РsРSСҒРiР°РsРSСҒ С,СҗРsРjР±РsС†РёС,С-Рi
РiС-РrР±СrРiР°С"С,СҒСҒСҒ Р·С- СёРiРёРrРeС-СҒС,СҒ, СҒРeР° РiС-РrРiРsРiС-РrР°С"
СёРiРёРrРeРsСҒС,С- РsРsРsРiР»РµРsРSСҒ С,СҗРsРjР±РsС†РёС,С-Рi. РҗР°РeРsРҒ
РiСҗРёРёРiРSС-С±СrС"С,СҒСҒСҒ Р°РiСҗРµРiР°С†С-СҒ С,СҗРsРjР±РsС†РёС,С-Рi,
СҒРiСҗРёРёС±РёРsРµРsР° С-РsСёРёРjРё Р°РiРsРSС-СҒС,Р°РjРё, РeСҗС-Рj РҗР"Рґ, Р·Р°
СҗР°С...СrРsРe С,РsРiРs, С°Рs РiСҗРµРiР°СҗР°С, Р±Р»Р»Р»Р» Р°РeС,РёРiР°С†С-СҒ
С,СҗРsРjР±РsС†РёС,С-Рi РiРёРiС-Р»СҒРsРµРsРёРj РҗР"Рґ.

РҗСҒРeС-Р»СҒРeРё Р°РeС,РёРiРsРёР№ РjРµС,Р°Р±РsР»С-С, СrС,РiРsСҒСҒС"С,СҒСҒСҒ
РiС-Рr РrС-С"СҒ С,,РµСҗРjРµРsС,С-Рi С†РёС,РsС...СҗРsРjСr СYP 450, РrРµСҒ-
СҒРeРёС... С" РiРsР»С-РjРsСҒС,,РsРёРjРё Р°Р±Рs РiСҗРёРёРiРSС-С±СrСҒС,СҒСҒСҒ
С-РsСёРёРjРё Р»С-РeР°СҒСҒРeРёРjРё Р·Р°СҒРsР±Р°РjРё, РsРµ Рi СҒСҒС-С...
РiР°С†С-С"РsС,С-Рi РiРёРsРёР°С" РrРsСҒС,Р°С,РsС" РiСҗРёРёРiРSС-С±РµРsРSСҒ
Р°РiСҗРµРiР°С†С-С— С,СҗРsРjР±РsС†РёС,С-Рi.

РґР°Р°СҗРjР°РeРsРrРёРsР°РjС-С±РsС- РµС,,РµС,Рё.

Р— РiРµСҒСёРsРiРs РrРSСҒ Р·Р°СҒС,РsСҒСrРiР°РsРSСҒ Сr РiРsРiС,РsСҗРsРёС...
РrРsР±РsРiРёС... РrРsР·Р°С... 75 РjРi РiСҗРµРiР°СҗР°С,Сr РiРёСҒРiР»Р»СҒС,СҒСҒСҒ
СҒСrС,С,С"РiРµ СrРiРsРiС-Р»СҒРsРµРsРSСҒ РҗР"Рґ-С-РsРrСrРeРsРiР°РsРsС—
Р°РiСҗРµРiР°С†С-С— С,СҗРsРjР±РsС†РёС,С-Рi. РiСҒ РrС-СҒ РiСҗРsРiСҗРµРiРsРs
РiРsСҒРёР»СҒС,СҒСҒСҒ С- СҒС,Р°Р±С-Р»С-Р·СrС"С,СҒСҒСҒ РjС-РҒ 3 С- 7 РrРSСҒРjРё.
РµСҒРё СҗС-РiРsРsРiР°РҒРsРjСr СҒС,Р°РsС- СҒРµСҗРµРrРsС-Р№ СҗС-РiРµСҒ
РiСҗРёРёРiРSС-С±РµРsРSСҒ Р°РiСҗРµРiР°С†С— РiС-Рr РrС-С"СҒ РrРsР±РsРiРsС— РrРsР·Рё
75 РjРi СҒС,Р°РsРiРёС,СҒ РiС-Рr 40 РrРs 60 %. РҗРiСҗРµРiР°С†С-СҒ
С,СҗРsРjР±РsС†РёС,С-Рi С- С,СҗРёРiР°С»С-СҒС,СҒ РeСҗРsРiРsС,РµС±С-
РiРsРiРµСҗС,Р°СҒС,СҒСҒСҒ РrРs РiРsС±Р°С,РeРsРiРsРiРs СҗС-РiРSСҒ Сr
СҒРµСҗРµРrРsСҒСҒ С±РµСҗРµРµ 5 РrРSС-Рi РiС-СҒР»СҒ РiСҗРёРёРiРёРsРµРsРSСҒ
Р»С-РeСrРiР°РsРSСҒ.

РґР°Р°СҗРjР°РeРsРeС-РsРµС,РёРeР°.

Р'СҒРjРsРeС,СҒРiР°РsРSСҒ.

РµС-СҒР»СҒ РiРµСҗРsСҗР°Р»СҒРsРs РiСҗРёРёР№РsРjСr РsРrРsРsСҗР°Р·РsРiРsС— С,Р°
Р±Р°РiР°С,РsСҗР°Р·РsРiРёС... РrРsР· 75 РjРi РsР° РrРsР±Сr РeР»РsРiС-РrРsРiСҗРµР»РµРj
СёРiРёРrРeРs РiСҒРjРsРeС,СrС"С,СҒСҒСҒ. РҗРµСҗРµРrРsСҒ РiС-РeРsРiР°С

PePsPSC†PμPSC, C₇H^oC†C-Cl₂ PSPμP·PjC-PSPμPSPsPiPs PeP»PsPiC-PrPsPiC₇HμP»C₇ Cr
 PiP»P°P·PjC- (P±P»PëP·CHPePs 2,2b₇“2,5 PSpI/PjP» PiC-Cl₂P»Cl₂ PsPrPSPsPeC₇H^oC, PSPsC—
 PrPsP·Pë 75 PjPi PiPμC₇H₂PsC₇H^oP»CHbPSPs) PrPsCl₂Cl₂PiP°P»P°Cl₂Cl₂ PiC₇H₂PëP±P»PëP·PSPs
 C†PμC₇HμP· 45 C...PI PiC-Cl₂P»Cl₂ PiC₇H₂PëPN₂PsPjCr. P₇H±Cl₂PsC₇H₂P±C†C-Cl₂
 Cl₂C, P°PSPsPiPëC, CH PSPμ PjPμPSC€Pμ 50 % P· PsPiP»Cl₂PrCr PSP° PμPeCl₂PeC₇HμC†C-C₇
 PjPμC, P°P±PsP»C-C, C-PI PeP»PsPiC-PrPsPiC₇HμP»C₇ C-P· Cl₂PμC†PμC₇.

P PsP·PiPsPrC-P».

P₇H»PsPiC-PrPsPiC₇HμP»CH C, P° PsCl₂PSPsPiPSPëPN₂ (PSPμP°PeC, PëPiPSPëPN₂)
 PjPμC, P°P±PsP»C-C,, C%₀Ps C†PëC₇H₂PeCrP»C₇C” PI PeC₇H₂PsPIC-, *in vitro* PsP±PsC₇H₂PsC, PSPs
 P·PiB₇TM Cl₂P·CrC₇C, CHCl₂Cl₂ P· P±C-P»PeP°PjPë PiP»P°P·PjPë P»C₇HPrPëPSPë (98 % C- 94 %
 PIC-PrPiPsPIC-PrPSPs). P₇PμPN₂ P·PiB₇TM Cl₂P·PsPe P·P°P»PëC€P°C”C, CHCl₂Cl₂
 PSPμPSP°Cl₂PëC†CrPiP°PSPëPj *in vitro* Cr PjPμP¶P°C... C€PëC₇H₂PsPePsPiPs PrC-P°PiP°P·PsPSC†
 PePsPSC†PμPSC, C₇H^oC†C-PN₂.

P₇HμC, P°P±PsP»C-P·Pj.

P₇H»PsPiC-PrPsPiC₇HμP»CH PμPeCl₂C, PμPSC†PëPiPSPs PjPμC, P°P±PsP»C-P·CrC”C, CHCl₂Cl₂ Cr
 PiPμC†C-PSC†C-. *In vitro* C, P° *in vivo* C-Cl₂PSC†C” PrPiP° PsCl₂PSPsPiPSPëC... C€P»Cl₂C...Pë
 PN₂PsPiPs PjPμC, P°P±PsP»C-P·PjCr: PsPrPëPS - P· CrC†P°Cl₂C, C₇H PμCl₂C, PμC₇H^oP·, C%₀Ps
 PiC₇H₂PëP·PiPsPrPëC, CH PrPs PiC-PrC₇H₂PsP»C-P·Cr P· CrC, PiPsC₇HμPSPSCl₂Pj
 PSPμP°PeC, PëPiPSPsC— PiPsC...C-PrPSPsC— PeP°C₇H₂P±PsPSPsPiPsC— PePëCl₂P»PsC, Pë (Cl₂PeP°
 Cl₂C, P°PSPsPiPëC, CH 85 % CrCl₂C-C... PjPμC, P°P±PsP»C-C, C-PI, C%₀Ps
 C†PëC₇H₂PeCrP»C₇C₇C, CH Cr PiP»P°P·PjC-), P° C-PSC€PëPN₂ b₇” C-P· P·P°P»CrC†PμPSPSCl₂
 C,, PμC₇H₂PjPμPSC, C-PI Cl₂PëCl₂C, PμPjPë C†PëC, PsC...C₇H₂PsPjCr P450. P₇YPiPsC†P°C, PeCr
 PeP»PsPiC-PrPsPiC₇HμP»CH PiPμC₇HμC, PiPsC₇H₂C”C, CHCl₂Cl₂ PSP° PiC₇H₂PsPjC-P¶PSPëPN₂
 PjPμC, P°P±PsP»C-C, 2-PsPeCl₂Ps-PeP»PsPiC-PrPsPiC₇HμP»CH. Pj C₇HμP·CrP»CHbC, P°C, C-
 PiPsPrP°P»CHbC€PsPiPs PjPμC, P°P±PsP»C-P·PjCr 2-PsPeCl₂Ps-PeP»PsPiC-PrPsPiC₇HμP»C₇
 CrC, PiPsC₇H₂C”C, CHCl₂Cl₂ C, C-PsP»PsPiP° PiPsC...C-PrPSP° b₇” P°PeC, PëPiPSPëPN₂
 PjPμC, P°P±PsP»C-C,, P₇PμPN₂ P°PeC, PëPiPSPëPN₂ PjPμC, P°P±PsP»C-C,
 CrC, PiPsC₇H₂C”C, CHCl₂Cl₂ PiPμC₇HμPiP°P¶PSPs P·P° PrPsPiPsPjPsPiPsC₇ C,, PμC₇H₂PjPμPSC, Cr
 CYP2C19, P·P° CrC†P°Cl₂C, C₇H PeC-P»CHPePsC... C-PSC€PëC... C,, PμC₇H₂PjPμPSC, C-PI
 Cl₂PëCl₂C, PμPjPë CYP, C, P°PePëC... Cl₂Pe CYP1A2, CYP2B6 C- CYP3A4. P₇HeC, PëPiPSPëPN₂
 PjPμC, P°P±PsP»C-C, PeP»PsPiC-PrPsPiC₇HμP»C₇ (C, C-PsP»PsPiP° PiPsC...C-PrPSP°), Cl₂PePëPN₂
 P±CrPI PiPëPrC-P»PμPSPëPN₂ *in vitro*, C€PiPëPrPePs C, P° PSPμPsP±PsC₇H₂PsC, PSPs
 P·PiB₇TM Cl₂P·CrC”C, CHCl₂Cl₂ P· C₇HμC†PμPiC, PsC₇H^oPjPë PSP° C, C₇H₂PsPjP±PsC†PëC, P°C...,
 C, PëPj Cl₂P°PjPëPj PiPμC₇HμC€PePsPrP¶P°C₇C†Pë P°PiC₇HμPiP°C†C-C—
 C, C₇H₂PsPjP±PsC†PëC, C-PI. PμPsPeP°P·PSPëPe P₇Y_{max} PrP»Cl₂ P°PeC, PëPiPSPsPiPs
 PjPμC, P°P±PsP»C-C, Cr C” PiPrPIC-C†C- PiPëC%₀PëPj PiC-Cl₂P»Cl₂ PiC₇H₂PëPN₂PsPjCr
 PsPrPSPsC₇H^oP·PsPiPsC— PSP°PiP°PSC, P°P¶CrPiP°P»CHbPSPsC— PrPsP·Pë 300 PjPi
 PeP»PsPiC-PrPsPiC₇HμP»C₇ PiPsC₇H₂-PiPSCl₂PSPs C-P· C, PëPj, C%₀Ps
 Cl₂PiPsCl₂C, PμC₇H₂-PiP°C”C, CHCl₂Cl₂ PiC-Cl₂P»Cl₂ 4-PrPμPSPSPsPiPs
 P·P°Cl₂C, PsCl₂CrPiP°PSPSCl₂ PiC-PrC, C₇H₂PëPjCrPiP°P»CHbPSPsC— PrPsP·Pë 75 PjPi. P₇Y_{max}
 PrPsCl₂Cl₂PiP°C”C, CHCl₂Cl₂ PiC₇H₂PëP±P»PëP·PSPs C†PμC₇HμP· 30b₇“60 C...PiPëP»PëPS
 PiC-Cl₂P»Cl₂ PiC₇H₂PëPN₂PsPjCr PiC₇HμPiP°C₇H^oC, Cr.

P’PëPiPμPrPμPSPSCl₂.

P₇SPμC₇HμP· 120 PiPsPrPëPS PiC-Cl₂P»Cl₂ PiC₇H₂PëPN₂PsPjCr PiPSC†C, C₇H₂C-C€PSCHbPs
 PjC-C†PμPSPsPiPs ¹⁴C-PeP»PsPiC-PrPsPiC₇HμP»C₇ Cr P»C₇HPrPëPSPë PiC₇H₂PëP±P»PëP·PSPs 50 %
 PrPsP·Pë PiPëPiPsPrPëP»PsCl₂Cl₂ C-P· Cl₂PμC†PμC₇ C- P±P»PëP·CHPePs 46 % C-P· PeP°P»PsPj.

C-PSC, P_μPSCÍPëPIPSPëPj C, P° PíC₇PsPjC-P_¶PSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj. P' PsCÍC-P± P·C- P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj PePsPSC†P_μPSC, C₇P°C†C-Cl P°PeC, PëPIPSPsPiPs PjP_μC, P°P±PsP»C-C, Cr Cr PeC₇PsPIC- P·PjP_μPSCëPëP»P°CÍC_¶ PSP° 63в₇“71% PiPsC₇C-PIPSCl_¶PSPs P· PsCÍPsP±P°PjPë P· C-PSC, P_μPSCÍPëPIPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj. P_¶C-CÍP»C_¶ P·P°CÍC, PsCÍCrPIP°PSPSC_¶ C₇P_μP_¶PëPjCr PrPsP·CrPIP°PSPSC_¶ 300 PjPi /75 PjPi P°PSC, PëC, C₇PsPjP±PsC†PëC, P°C₇PSC- P_μC,, P_μPeC, Pë PI PsCÍC-P± P·C- P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj P±CrP»Pë PjP_μPSCë PIPëC₇P°P_¶P_μPSPëPjPë, PíC₇Pë C†CH₇PsPjCr CÍP_μC₇P_μPrPSC-PN₆ PíPsPeP°P·PSPëPe P_μP_¶P_¶ (5 PjPeP_¶ P_¶P”P_¶) CÍC, P°PSPsPIPëPI 24 % (24 PiPsPrPëPSPë) C- 37 % (PrP_μPSCH₇ 5) PíPsC₇C-PIPSCl_¶PSPs P· P_μP_¶P_¶ 39 % (24 PiPsPrPëPSPë) C- 58 % (PrP_μPSCH₇ 5) Cr PsCÍC-P± P·C-PSC, P_μPSCÍPëPIPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj C, P° 37 % (24 PiPsPrPëPSPë) C- 60 % (PrP_μPSCH₇ 5) Cr PsCÍC-P± C-P· PíC₇PsPjC-P_¶PSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj. P_¶PsP»Pë PsCÍPsP±P°Pj P·C- P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj P·P°CÍC, PsCÍPsPIC†PIP°P»Pë C₇P_μP_¶PëPj PrPsP·CrPIP°PSPSC_¶ 600 PjPi/150 PjPi, PePsPSC†P_μPSC, C₇P°C†C-Cl P°PeC, PëPIPSPsPiPs PjP_μC, P°P±PsP»C-C, Cr Cr PeC₇PsPIC- P±CrP»P° PIPëC%PsC₇, PSC-P_¶ PíC₇Pë P·P°CÍC, PsCÍCrPIP°PSPSC- C₇P_μP_¶PëPjCr PrPsP·CrPIP°PSPSC_¶ 300 PjPi/75 PjPi. P_¶C₇C-Pj C, PsPiPs, PíPsPeP°P·PSPëPePë P_μP_¶P_¶ CÍC, P°PSPsPIPëP»Pë 32 % (24 PiPsPrPëPSPë) C- 61 % (PrP_μPSCH₇ 5), Cl_¶PeC- P±CrP»Pë PIPëC%PëPjPë, PSC-P_¶ Cr PsCÍC-P± P·C- P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj, C%Ps PsC, C₇PëPjCrPIP°P»Pë PrPsP·Pë 300 PjPi/75 PjPi, C, P° PíPsPrC-P±PSPëPjPë PrPs PíPsPeP°P·PSPëPeC-PI, PsC, C₇PëPjP°PSPëC... Cr C-PSCëPëC... PíC₇CrPíP°C..., PIPëPrC-P»P_μPSPëC... P·P°P»P_μP_¶PSPs PIC-Pr C, PëPíCr PjP_μC, P°P±PsP»C-P·PjCr CYP2C19, PíC₇Pë P·P°CÍC, PsCÍCrPIP°PSPSC- C₇P_μP_¶PëPjCr PrPsP·CrPIP°PSPSC_¶ 300 PjPi/75 PjPi. P—P° C₇P_μP·CrP»CH₇C, P°C, P°PjPë PrPsCÍP»C-PrP_¶P_μPSCH₇ PeP»C-PSC-C†PSPëC... P_μC,, P_μPeC, C-PI PSP°P»P_μP_¶PSPëPN₆ C₇P_μP_¶PëPj PrPsP·CrPIP°PSPSC_¶ PrP»C_¶ C†C-C”C— PíC₇CrPíPë PíP°C†C-C”PSC, C-PI PSP_μ P±CrPI PIPëP·PSP°C†P_μPSPëPN₆.

P_¶PSP°P»PsPiC-C†PSPs PrPs C₇P_μP·CrP»CH₇C, P°C, C-PI, PSP°PIP_μPrP_μPSPëC... PIPëC%P_μ, C” PrP°PSC-, C%Ps PePsPSC†P_μPSC, C₇P°C†C-Cl P°PeC, PëPIPSPsPiPs PjP_μC, P°P±PsP»C-C, Cr Cr PeC₇PsPIC- P·PjP_μPSCëPëP»P°CÍC_¶ PSP° 28 % Cr PsCÍC-P± P· PíC₇PsPjC-P_¶PSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj C- PSP° 72 % Cr PsCÍC-P± P·C- P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj; C-PSPiC-P±CrPIP°PSPSC_¶ P°PíC₇P_μPiP°C†C-C— C, C₇PsPjP±PsC†PëC, C-PI (5 PjPeP_¶ P_¶P”P_¶) C, P°PePsP_¶ P·PjP_μPSCëPëP»PsCÍC_¶, PíC₇Pë C†CH₇PsPjCr C₇C-P·PSPëC†C_¶ Cr PíPsPeP°P·PSPëPeP°C... P_μP_¶P_¶ CÍC, P°PSPsPIPëP»P° 5,9 % C, P° 21,4 % PIC-PrPíPsPIC-PrPSPs PíPsC₇C-PIPSCl_¶PSPs P· PsCÍPsP±P°PjPë P· C-PSC, P_μPSCÍPëPIPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj.

P,, PrP°PSC-, C%Ps PíC₇Pë P·P°CÍC, PsCÍCrPIP°PSPSC- PeP»PsPíC-PrPsPíC₇P_μP»C₇ PsCÍPsP±P°PjPë P· PíC₇PsPjC-P_¶PSPëPj C, P° P·PSPëP_¶P_μPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj, PjP°P»Pë PIPëC%Cr C†P°CÍC, PsC, Cr PIPëPSPëPePSP_μPSPSC_¶ CÍP_μC₇C†P_μPIPs- CÍCrPrPëPSPSPëC... PíPsPrC-PN₆ (P»P_μC, P°P»CH₇PSPëPN₆ PSP°CÍP»C-PrPsPe, C-PSC,, P°C₇PeC, PjC-PsPeP°C₇PrP° C, P° C-PSCÍCrP»CH₇C,) P°P±Ps C, C₇PsPjP±PsP·Cr CÍC, P_μPSC, C-PI, PSC-P_¶ PsCÍPsP±Pë C-P· C-PSC, P_μPSCÍPëPIPSPëPj PjP_μC, P°P±PsP»C-P·PjPsPj.

P—P° C-PSCëPëPjPë PrP°PSPëPjPë, C†P°CÍC, PsC, P° PIPëPSPëPePSP_μPSPSC_¶ CÍP_μC₇C†P_μPIPs- CÍCrPrPëPSPSPëC... PíPsPrC-PN₆ PrPsCÍC, PsPIC-C₇PSPs PSP_μ P·P°P»P_μP_¶P°P»P° PIC-Pr PsCÍPsP±P»PëPIPsCÍC, P_μPN₆ PjP_μC, P°P±PsP»C-P·PjCr.

P_¶PsPjCr PjPsP_¶PSP° P·C₇PsP±PëC, Pë PIPëCÍPSPsPIPsPe, C%Ps P_¶PsPrP_μPS C-P· PIC-PrPsPjPëC... P°PSP°P»C-P·C-PI PSP_μ PIPëP»C₇C†P°PI PrPsCÍC, P°C, PSCH₇PsC— PeC-P»CH₇PePsCÍC, C- PíP°C†C-C”PSC, C-PI PrP»C_¶ C, PsPiPs, C%PsP± PjPsP_¶PSP° P±CrP»Ps PIPëC_¶PIPëC, Pë C₇C-P·PSPëC†C₇ Cr PeP»C-PSC-C†PSPëC... C₇P_μP·CrP»CH₇C, P°C, P°C... Cr

PiP°C†C-C" PSC,C-PI P·C- P·PSPëP¶PµPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj.

PħCÍPsP±P»PëPIC- PeP°C,PµPiPsCĤC-C— PiP°C†C-C" PSC,C-PI.

PαP°CĤPjP°PePsPeC-PSPµC,PëPeP° P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,Cr
PeP»PsPiC-PrPsPiCĤPµP»CĤ PSPµ PrPsCÍP»C-PrP¶CÍPIP°P»P°CÍCĬ Cr
PSPëP¶C†PµP·P°P·PSP°C†PµPSPëC... PsCÍPsP±P»PëPIPëC... PeP°C,PµPiPsCĤC-PNë
PiP°C†C-C" PSC,C-PI.

PkPëCĤPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH.

PµC-CÍP»CĬ CĤPµPiCÍP»CĬCĤPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCĬ 75 PjPi
PeP»PsPiC-PrPsPiCĤPµP»CĤ PSP° PrPsP±CÍ Cr PiP°C†C-C" PSC,C-PI C-P· C,CĬP¶PePsCĤ
PSPëCĤPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ (PeP»C-CĤPµPSCÍ PeCĤPµP°C,PëPSC-PSCÍ
5-15 PjP»/PSP° C...PIPëP»PëPSCÍ) C-PSPiC-P±CÍPIP°PSPSCĬ PħP" Pα-C-PSPrCÍPePsPIP°PSPsC—
P°PiCĤPµPiP°C†C-C— C,CĤPsPjP±PsC†PëC,C-PI P±CÍP»Ps PjPµPSC€ PIPëCĤP°P¶PµPSPëPj (25 %)
PiPsCĤC-PIPSCĬPSPs C-P· C,P°PePëPj P¶Pµ PµC,,PµPeC,PsPj Cr P·PrPsCĤPsPIPëC...
PrPsP±CĤPsPIPsP»CHC†C-PI, P° C†P°CÍ PeCĤPsPIPsC,PµC†C- P±CÍPI PiPsPrPsPIP¶PµPSPëPNë
PjP°PNëP¶Pµ C,P°Pe CÍP°PjPs, CĬPe C- Cr P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPsP»CHC†C-PI,
CĬPeC- PsC,CĤPëPjCÍPIP°P»Pë 75 PjPi PeP»PsPiC-PrPsPiCĤPµP»CĤ PSP° PrPsP±CÍ.
PħP»C-PSC-C†PSP° PiPµCĤPµPSPsCÍPëPjC-CÍC,CH P±CÍP»P° C...PsCĤPsC€PsCĤ PI CÍCÍC-C...
PiP°C†C-C" PSC,C-PI.

PµPµC†C-PSPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH.

PµC-CÍP»CĬ CĤPµPiCÍP»CĬCĤPSPsPiPs PiCĤPëPNëPsPjCr 75 PjPi PeP»PsPiC-PrPsPiCĤPµP»CĤ
PSP° PrPsP±CÍ PIPiCĤPsPrPsPIP¶ 10 PrPSC-PI Cr PiP°C†C-C" PSC,C-PI C-P· C,CĬP¶PePsCĤ
PiPµC†C-PSPePsPIPsCĤ PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ C-PSPiC-P±CÍPIP°PSPSCĬ PħP" Pα-
C-PSPrCÍPePsPIP°PSPsC— P°PiCĤPµPiP°C†C-C— C,CĤPsPjP±PsC†PëC,C-PI P±CÍP»Ps C,P°PePëPj
CÍP°PjPëPj, CĬPe C- Cr P·PrPsCĤPsPIPëC... PrPsP±CĤPsPIPsP»CHC†C-PI. PŸPµCĤPµPrPSC"
PiPsPrPsPIP¶PµPSPSCĬ C†P°CÍCÍ PeCĤPsPIPsC,PµC†C- C,P°PePsP¶ P±CÍP»Ps
PsPrPSP°PePsPIPëPj PI PsP±PsC... PiCĤCÍPiP°C....

P P°CÍPsPIP° PiCĤPëPSP°P»PµP¶PSC-CÍC,CH. PµPsC€PëCĤPµPSC-CÍC,CH P°P»PµP»C-PI
CYP2C19, CĬPeC- CÍPiCĤPëC†PëPSCĬCĤC,CH PiCĤPsPjC-P¶PSCÍ C,P° CÍP»P°P±PeCÍ
PjPµC,P°P±PsP»C-C†PSCÍ P°PeC,PëPIPSC-CÍC,CH CYP2C19, PIC-PrCĤC-P·PSCĬC" C,CHCÍCĬ
P·P°P»PµP¶PSPs PIC-Pr CĤP°CÍPsPIPsC—/PµC,PSC-C†PSPsC— PiCĤPëPSP°P»PµP¶PSPsCÍC,C-
(PrPëPI. CĤPsP·PrC-P» B«PαP°CĤPjP°PePsPiPµPSPµC,PëPeP°B»). P†CÍPSCÍCĤC,CH
PsP±PjPµP¶PµPSC- PrP°PSC- CÍC,PsCÍPsPIPSs PiP°C†C-C" PSC,C-PI
PjPsPSPiPsP»PsC—PrPSPsC— CĤP°CÍPë, CĬPeC- PrP°CĤC,CH P·PjPsPiCÍ PsC†C-PSPëC,Pë
PeP»C-PSC-C†PSPµ P·PSP°C†PµPSPSCĬ PiPµPSPsC,PëPiCÍPIP°PSPSCĬ C†CHPsPiPs CYP.

-

PħP»C-PSC-C†PSC- C...P°CĤP°PeC,PµCĤPëCÍC,PëPePë.

PµPsPeP°P·P°PSPSCĬ.

*P'C,PsCĤPëPSPSP° PiCĤPsC,,C-P»P°PeC,PëPeP° PiCĤPsCĬPIC-PI P°C,PµCĤPsC,CĤPsPjP±PsP·Cž
Cž PrPsCĤPsCÍP»PëC... PiP°C†C-C" PSC,C-PI:*

B· B CĬPeC- PiPµCĤPµPSPµCÍP»Pë C-PSC,,P°CĤPeC, PjC-PsPeP°CĤPrP° (PiPsC†P°C,PsPe
P»C-PeCÍPIP°PSPSCĬ - C†PµCĤPµP· PeC-P»CHPeP° PrPSC-PI, P°P»Pµ PSPµ PiC-P·PSC-C€Pµ

PSC-P¶ C‡PµC‡PµP· 35 PrPSC-PI PĭC-CĭP»Cĭ PIPĕPSPĕPePSPµPSPSCĭ), C-CĕPµPjC-C‡PSPĕPNĕ
C-PSCĭCĭP»CHC, (PĭPsC‡P°C,PsPe P»C-PeCĭPIP°PSPSCĭ – C‡PµC‡PµP· 7 PrPSC-PI, P°P»Pµ
PSPµ PĭC-P·PSC-CĕPµ PSC-P¶ C‡PµC‡PµP· 6 PjC-CĭCĭCĭC-PI PĭC-CĭP»Cĭ
PIPĕPSPĕPePSPµPSPSCĭ) P°P±Ps Cĭ CĭPePĕC... PrC-P°PiPSPsCĭC,PsPIP°PSPs
P·P°C...PIPSCĭC‡HIP°PSPSCĭ PĭPµC‡PĕC„PµC‡PĕC‡PSPĕC... P°C‡C,PµC‡C-PNĕ;

B· C-P· PiPsCĭC,C‡PĕPj PePsC‡PsPSP°C‡PSPĕPj CĭPĕPSPrC‡PsPjPsPj:

вҖҖ“ C-P· PiPsCĭC,C‡PĕPj PePsC‡PsPSP°C‡PSPĕPj CĭPĕPSPrC‡PsPjPsPj P±PµP· PĭC-PrPNĕPsPjCĭ
CĭPµPiPjPµPSC,P° ST (PSPµCĭC,P°P±C-P»CHPSP° CĭC,PµPSPsPeP°C‡PrC-Cĭ P°P±Ps
C-PSC„P°C‡PeC, PjC-PsPeP°C‡PrP° P±PµP· P·CĭP±CĭCĭ Q), Cĭ C,PsPjCĭ C‡PĕCĭP»C- Cĭ
PĭP°CĭC-C”PSC,C-PI, CĭPePĕPj P±CĭP»Ps PICĭC,P°PSPsPIP»PµPSPs CĭC,PµPSC, Cĭ C...PsPrC-
PĭC‡PsPIPµPrPµPSPSCĭ C‡PµC‡PµP·CĕPeC-C‡PSPsPiPs PePsC‡PsPSP°C‡PSPsPiPs
PIC,C‡CĭC‡P°PSPSCĭ, Cĭ PePsPjP±C-PSP°CĭC-C— P· P°CĭPµC,PĕP»CĭP°P»C-CĭPĕP»PsPIPsC‡
PePĕCĭP»PsC,PsC‡ (PhPŸPŸ);

вҖҖ“ C-P· PiPsCĭC,C‡PĕPj C-PSC„P°C‡PeC,PsPj PjC-PsPeP°C‡PrP° P· PĭC-PrPNĕPsPjPsPj
CĭPµPiPjPµPSC,P° ST, Cĭ PePsPjP±C-PSP°CĭC-C— P· P°CĭPµC,PĕP»CĭP°P»C-CĭPĕP»PsPIPsC‡
PePĕCĭP»PsC,PsC‡ (PhPŸPŸ) (PĭP°CĭC-C”PSC,Pĕ, CĭPePĕPj PĭC‡PsPIPsPrCĭC,CH
C‡PµC‡PµP·CĕPeC-C‡PSPµ PePsC‡PsPSP°C‡PSPµ PIC,C‡CĭC‡P°PSPSCĭ, Cĭ C,. C‡.
PĭP°CĭC-C”PSC,Pĕ, CĭPePĕPj PICĭC,P°PSPsPIP»C‡C‡C,CH CĭC,PµPSC,, C,P° PĭP°CĭC-C”PSC,Pĕ,
CĭPeC- PsC,C‡PĕPjCĭC‡C,CH PjPµPrPĕPeP°PjPµPSC,PsP·PSPµ P»C-PeCĭPIP°PSPSCĭ C,P° C”
PeP°PSPrPĕPrP°C,P°PjPĕ PSP° C,C‡PsPjP±PsP»C-C,PĕC‡PSCĭ/C„C-P±C‡PĕPSPsP»C-C,PĕC‡PSCĭ
C,PµC‡P°PiC-C‡).

*PŸC‡P°PSP·PĕC,PsC‡PSP° C-CĕPµPjC-C‡PSP° P°C,P°PeP° (PŸP†Ph) CĭPµC‡PµPrPSC‡PsPiPs
C,P° PIPĕCĭPsPePsPiPs CĭC,C‡PiPµPSCĭ C‡PĕP·PĕPeCĭ P°P±Ps PjP°P»PĕPNĕ
C-CĕPµPjC-C‡PSPĕPNĕ C-PSCĭCĭP»CHC, (P†P†).*

PŸP»PsPĭC-PrPsPiC‡PµP»CH Cĭ PePsPjP±C-PSP°CĭC-C— P· PhPŸPŸ PĭPsPeP°P·P°PSPĕPNĕ
PrPsC‡PsCĭP»PĕPj PĭP°CĭC-C”PSC,P°Pj C-P· PŸP†Ph CĭPµC‡PµPrPSC‡PsPiPs C,P°
PIPĕCĭPsPePsPiPs CĭC,CĭPĭPµPSCĭ C‡PĕP·PĕPeCĭ (PĭPsPeP°P·PSPĕPe P·P° CĕPeP°P»PsC‡
ABCD2^{1 3} 4) P°P±Ps PjP°P»PĕPj C-CĕPµPjC-C‡PSPĕPj C-PSCĭCĭP»CHC,PsPj (PĭPsPeP°P·PSPĕPe
P·P° CĕPeP°P»PsC‡ NIHSS² f 3) PĭC‡PsC,CĭPiPsPj 24 PiPsPrPĕPS PĭC-CĭP»Cĭ PĭPsPrC-C—
PŸP†Ph P°P±Ps P†P†.

¹ P’C-Pe, P°C‡C,PµC‡C-P°P»CHPSPĕPNĕ C,PĕCĭPe, PeP»C-PSC-C‡PSC- PsP·PSP°PePĕ,
C,C‡PĕPIP°P»C-CĭC,CH CĭPĕPjPiC,PsPjC-PI C,P° PrC-P°PiPSPsP· CĭCĭPeC‡PsPIPsPiPs
PrC-P°P±PµC,Cĭ.

² PĕPeP°P»P° C-PSCĭCĭP»CHC,Cĭ PĕP°CĭC-PsPSP°P»CHPSPsPiPs C-PSCĭC,PĕC,CĭC,Cĭ
P·PrPsC‡PsPiPŸ™ Cĭ.

*PµC‡PsC„C-P»P°PeC,PĕPeP° P°C,PµC‡PsC,C‡PsPjP±PsC,PĕC‡PSPĕC... C,P°
C,C‡PsPjP±PsPµPjP±PsP»C-C‡PSPĕC... PĭPsPrC-PNĕ PĭC‡Pĕ C„C-P±C‡PĕP»CĭCĭC-C—
PĭPµC‡PµPrCĭPµC‡PrCH. PŸP»PsPĭC-PrPsPiC‡PµP»CH Cĭ PePsPjP±C-PSP°CĭC-C— P· PhPŸPŸ
PĭPsPeP°P·P°PSPĕPNĕ PrPsC‡PsCĭP»PĕPj PĭP°CĭC-C”PSC,P°Pj C-P· C„C-P±C‡PĕP»CĭCĭC-C”C‡
PĭPµC‡PµPrCĭPµC‡PrCH, CĭPeC- PjP°C‡C,CH C%PsPSP°PNĕPjPµPSCĕPµ PsPrPĕPS
C„P°PeC,PsC‡ C‡PĕP·PĕPeCĭ PIPĕPSPĕPePSPµPSPSCĭ CĭCĭPrPĕPSPSPĕC... PĭPsPrC-PNĕ, Cĭ
CĭPePĕC... C-CĭPSCĭC‡C,CH PĭC‡PsC,PĕPiPsPeP°P·P°PSPSCĭ PrPs P»C-PeCĭPIP°PSPSCĭ*

P°PSC,P°PiPsPSC-CÍC,P°PjPë PIC-C,P°PjC-PSCí Pъ (PhP'Pъ) C- CИPeC- PjP°CHC,CH
PSPëP·CHPePëPNë CЪPëP·PëPe PIPëPSPëPePSPµPSPSCИ PeCЪPsPIPsC,PµC‡, PrP»CИ
PiCЪPsC„C-P»P°PeC,PëPePë P°C,PµCЪPsC,CЪPsPjP±PsC,PëC‡PSPëC... C,P°
C,CЪPsPjP±PsPµPjP±PsP»C-C‡PSPëC... PiPsPrC-PNë, Cí C,PsPjCí C‡PëCÍP»C-
C-PSCÍCíP»CHC,Cí.

P°P»CИ PsC,CЪPëPjP°PSPSCИ PrPsPrP°C,PePsPIPsC— C-PSC„PsCЪPjP°C‡C-C—
PrPëPIC-C,CHCÍCИ CЪPsP·PrC-P» B«PαP°CЪPjP°PePsP»PsPiC-C‡PSC-
PIP»P°CÍC,PëPIPsCÍC,C-B».

PµCЪPsC,PëPiPsPeP°P·P°PSPSCИ.

B PµC-PrPIPëC%PµPSP° C‡CíC,P»PëPIC-CÍC,CH PrPs PrC-CHC‡PsC—
CЪPµC‡PsPIPëPSPë P°P±Ps PrPs P±CíPrCHC-CИPePsPiPs PePsPjPiPsPSPµPSC,P°
PiCЪPµPiP°CЪP°C,Cí.

B PÿCИP¶PeP° PiPµC‡C-PSPePsPIP° PSPµPrPsCÍC,P°C,PSC-CÍC,CH.

B P°PsCÍC,CЪP° PeCЪPsPIPsC,PµC‡P° (PSP°PiCЪPëPeP»P°Pr, PiPµPiC,PëC‡PSPsC—
PIPëCЪP°P·PePë P°P±Ps PIPSCíC,CЪC-CëPSCHPsC‡PµCЪPµPiPSPëPNë PeCЪPsPIPsPIPëP»PëPI).

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

P»C-PeP°CЪCÍCHPeC- P·P°CÍPsP±Pë, P·P°CÍC,PsCÍC¿PIP°PSPSCИ CИPePëC...
CÍC¿PiCЪPsPIPsPrP¶C¿C°C,CHCÍCИ PiC-PrPIPëC%PµPSPSCИPj CЪPëP·PëPeC¿
PeCЪPsPIPsC,PµC‡.

PŞPµCЪPµP· PiPsC,PµPSC‡C-PNëPSPëPNë P°PrPëC,PëPIPSPëPNë PµC„PµPeC, C-CÍPSCíC°
PiC-PrPIPëC%PµPSPëPNë CЪPëP·PëPe PiPµPjPsCЪP°PiC-C‡PSPëC... CíCÍPeP»P°PrPSPµPSCH,
C,PsPjCí PsPrPSPsC‡P°CÍPSPµ P·P°CÍC,PsCÍCíPIP°PSPSCИ C,P°PePëC...
P»C-PeP°CЪCÍCHPePëC... P·P°CÍPsP±C-PI P· PeP»PsPiC-PrPsPiCЪPµP»PµPj PIPëPjP°PiP°C°
PsP±PµCЪPµP¶PSPsCÍC,C- (PrPëPI. CЪPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCИB»).

PµPµCЪPsCЪP°P»CHPSC- P°PSC,PëPePsP°PiC¿P»CИPSC,Pë.

PhPrPSPsC‡P°CÍPSPµ P·P°CÍC,PsCÍCíPIP°PSPSCИ PeP»PsPiC-PrPsPiCЪPµP»CH P·
PiPµCЪPsCЪP°P»CHPSPëPjPë P°PSC,PëPePsP°PiCíP»CИPSC,P°PjPë PSPµ
CЪPµPePsPjPµPSPPrCíC°C,CHCÍCИ, PsCÍPeC-P»CHPePë C,P°PeP° PePsPjP±C-PSP°C‡C-CИ
PjPsP¶Pµ PiPsCÍPëP»PëC,Pë C-PSC,PµPSCÍPëPIPSC-CÍC,CH PeCЪPsPIPsC,PµC‡C- (PrPëPI.
CЪPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCíPIP°PSPSCИB»). PÍPsC‡P°
P·P°CÍC,PsCÍCíPIP°PSPSCИ PeP»PsPiC-PrPsPiCЪPµP»CH Cí PrPsP·C- 75 PjPi PSP° PrPsP±Cí
PSPµ P·PjC-PSCHC° C„P°CЪPjP°PePsPeC-PSPµC,PëC‡PSPëPNë PiCЪPsC„C-P»CH S-
PIP°CЪC„P°CЪPëPSCí P°P±Ps PjC-P¶PSP°CЪPsPrPSPµ PSPsCЪPjP°P»C-P·PsPIP°PSPµ
CÍPiC-PIPIC-PrPSPsCëPµPSPSCИ (PhPкPÿ) Cí PiP°C‡C-C°PSC,C-PI, CИPeC- PIPiCЪPsPrPsPIP¶
C,CЪPëPIP°P»PsPiPs C‡P°CÍCí PsC,CЪPëPjCíCHC,CH P»C-PeCíPIP°PSPSCИ
PIP°CЪC„P°CЪPëPSPsPj, PsPrPSPsC‡P°CÍPSPµ P·P°CÍC,PsCÍCíPIP°PSPSCИ
PeP»PsPiC-PrPsPiCЪPµP»CH C,P° PIP°CЪC„P°CЪPëPSCí P·P±C-P»CHCëCíC° CЪPëP·PëPe

PeCḡPsPIPsC, PμC‡C- C‡PμCḡPμP· C- CḡPSCḡPIP°PSPSCḡ PSpμP·P°P»PμPḡPSPsPiPs PIPiP»PēPICḡ
PSP° PiPμPjPsCḡC, P°P·.

*P†PSPiC-P±C-C, PsCḡPē PiP»C-PePsPiCḡPsC, PμC—PSPsPIPēC... CḡPμC†PμPiC, PsCḡC-PI
P†P†b/IIIP°.*

PḡP»PsPiC-PrPsPiCḡPμP»Cḡ CḡP»C-Pr P· PsP±PμCḡPμPḡPSC-CḡC, Cḡ PiCḡPēP·PSP°C‡P°C, Pē
PiP°C†C-C°PSC, P°Pj, CḡPeC- PsC, CḡPēPjCḡCḡC, Cḡ C-PSPiC-P±C-C, PsCḡPē
PiP»C-PePsPiCḡPsC, PμC—PSPsPIPēC... CḡPμC†PμPiC, PsCḡC-PI P†P†b/IIIP° (PrPēPI.
CḡPsP·PrC-P» B«PhCḡPsP±P»PēPIPsCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡB»).

PḡC†PμC, PēP»CḡP°P»C-C†PēP»PsPIP° PePēCḡP»PsC, P° (PḡPŸPḡ).

PḡPŸPḡ PSpμ P·PjC-PSCḡC° C-PSPiC-P±C-C, PsCḡPSPsC— PrC-C— PeP»PsPiC-PrPsPiCḡPμP»Cḡ
PSP° PḡP°Pα-C-PSPrCḡPePsPIP°PSCḡ P°PiCḡPμPiP°C†C-Cḡ C, CḡPsPjP±PsC†PēC, C-PI, P°P»Pμ
PeP»PsPiC-PrPsPiCḡPμP»Cḡ PiPsCḡPēP»CḡC° PrC-Cḡ PḡPŸPḡ PSP° P°PiCḡPμPiP°C†C-Cḡ
C, CḡPsPjP±PsC†PēC, C-PI, C-PSPrCḡPePsPIP°PSCḡ PePsP»P°PiPμPSPsPj. PμCḡPsC, Pμ
PsPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ 500 PjPi PḡPŸPḡ 2 CḡP°P·Pē PSP° PrPsP±Cḡ
PiCḡPsC, CḡPiPsPj PsPrPSPsPiPs PrPSCḡ PSpμ CḡPiCḡPēC‡PēPSCḡP»Ps P·PSP°C‡CḡC°PsPiPs
P·P±C-P»CḡC€PμPSPSCḡ C‡P°CḡCḡ PeCḡPsPIPsC, PμC‡C-, PiPsPrPsPIPḡPμPSPsPiPs
PIPSP°CḡP»C-PrPsPe PiCḡPēPḡPePsPjCḡ PeP»PsPiC-PrPsPiCḡPμP»Cḡ. PhCḡPeC-P»CḡPePē
PjPsPḡP»PēPIP° C, „P°CḡPjP°PePsPrPēPSP°PjC-C‡PSP° PIP·P°C°PjPsPrC-Cḡ PjC-Pḡ
PeP»PsPiC-PrPsPiCḡPμP»PμPj C, P° PḡPŸPḡ P· PiC-PrPIPēC°PμPSPSCḡPj CḡPēP·PēPeCḡ
PeCḡPsPIPsC, PμC‡C-, PsPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C†PēC...
PiCḡPμPiP°CḡP°C, C-PI PiPsC, CḡPμP±CḡC° PsP±PμCḡPμPḡPSPsCḡC, C- (PrPēPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PēPIPsCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡB»).

PḡPμP·PIP°CḡPēPS.

P—P° PSP°CḡPIPSPēPjPē PrP°PSPēPjPē, PeP»PsPiC-PrPsPiCḡPμP»Cḡ PSpμ
PiPsC, CḡPμP±CḡPIP°PI PePsCḡPμPiCḡPIP°PSPSCḡ PrPsP·Pē PiPμPiP°CḡPēPSCḡ C, P° PSpμ
P·PjC-PSCḡPIP°PI PrC-Cḡ PiPμPiP°CḡPēPSCḡ PSP° PePsP°PiCḡP»CḡC†C-Cḡ.
PhPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PiPμPiP°CḡPēPSCḡ PSpμ
P·PjC-PSCḡPIP°P»Ps C-PSPiC-P±CḡCḡC‡PsC— PrC-C— PeP»PsPiC-PrPsPiCḡPμP»Cḡ PSP°
P°PiCḡPμPiP°C†C-Cḡ C, CḡPsPjP±PsC†PēC, C-PI. PhCḡPeC-P»CḡPePē PjPsPḡP»PēPIP°
C, „P°CḡPjP°PePsPrPēPSP°PjC-C‡PSP° PIP·P°C°PjPsPrC-Cḡ PjC-Pḡ PeP»PsPiC-PrPsPiCḡPμP»PμPj
C- PiPμPiP°CḡPēPSPsPj C-P· PiC-PrPIPēC°PμPSPSCḡPj CḡPēP·PēPeCḡ PeCḡPsPIPsC, PμC‡C-,
PsPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C†PēC... PiCḡPμPiP°CḡP°C, C-PI
PiPsC, CḡPμP±CḡC° PsP±PμCḡPμPḡPSPsCḡC, C- (PrPēPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PēPIPsCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡB»).

P°PμPiP°CḡPēPS.

P—P° PSP°CḡPIPSPēPjPē PrP°PSPēPjPē, PeP»PsPiC-PrPsPiCḡPμP»Cḡ PSpμ
PiPsC, CḡPμP±CḡPIP°PI PePsCḡPμPiCḡPIP°PSPSCḡ PrPsP·Pē PiPμPiP°CḡPēPSCḡ C, P° PSpμ
P·PjC-PSCḡPIP°PI PrC-Cḡ PiPμPiP°CḡPēPSCḡ PSP° PePsP°PiCḡP»CḡC†C-Cḡ.
PhPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PiPμPiP°CḡPēPSCḡ PSpμ
P·PjC-PSCḡPIP°P»Ps C-PSPiC-P±CḡCḡC‡PsC— PrC-C— PeP»PsPiC-PrPsPiCḡPμP»Cḡ PSP°
P°PiCḡPμPiP°C†C-Cḡ C, CḡPsPjP±PsC†PēC, C-PI. PhCḡPeC-P»CḡPePē PjPsPḡP»PēPIP°
C, „P°CḡPjP°PePsPrPēPSP°PjC-C‡PSP° PIP·P°C°PjPsPrC-Cḡ PjC-Pḡ PeP»PsPiC-PrPsPiCḡPμP»PμPj
C- PiPμPiP°CḡPēPSPsPj C-P· PiC-PrPIPēC°PμPSPSCḡPj CḡPēP·PēPeCḡ PeCḡPsPIPsC, PμC‡C-,
PsPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C†PēC... PiCḡPμPiP°CḡP°C, C-PI
PiPsC, CḡPμP±CḡC° PsP±PμCḡPμPḡPSPsCḡC, C- (PrPēPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PēPIPsCḡC, C- P·P°CḡC, PsCḡCḡPIP°PSPSCḡB»).

PjCḡPsPjP±PsP»C-C, PēC‡PSC- P·P°CḡPsP±Pē.

P°PμP·PiPμPeP° PsPrPSPsC‡P°CḡPSPsPiPs P·P°CḡC, PsCḡCḡPIP°PSPSCḡ
PeP»PsPiC-PrPsPiCḡPμP»Cḡ, C, „C-P±CḡPēPSPsCḡPiPμC†PēC, „C-C‡PSPēC... P°P±Ps
C, „C-P±CḡPēPSPsPSPμCḡPiPμC†PēC, „C-C‡PSPēC... C, CḡPsPjP±PsP»C-C, PēC‡PSPēC...
P°PiPμPSC, C-PI C, P° PiPμPiP°CḡPēPSC-PI P±CḡP»P° PrPsCḡP»C-PrPḡPμPSP° P·P° CḡC‡P°CḡC, Cḡ
PiP°C†C-C°PSC, C-PI C-P· PiPsCḡC, CḡPēPj C-PSC, „P°CḡPeC, PsPj PjC-PsPeP°CḡPrP°.
PḡP°CḡC, PsC, P° CḡPsP·PIPēC, PeCḡ PeP»C-PSC-C‡PSPs P·PSP°C‡CḡC°PēC... PeCḡPsPIPsC, PμC‡

$P \pm C \uparrow P \gg P^\circ P^\circ P S P^\circ P \gg P s P i C - C \uparrow P S P s C \overline{H} \ C, C - P N_\infty, C \% P s \ C \uparrow P i P s C \uparrow C, P_\mu C \overline{H} C - P i P^\circ P \gg P^\circ C \uparrow C \downarrow P i C \overline{H} P \ddot{e}$
 $P s P r P S P s C \uparrow P^\circ C \uparrow P S P s P j C \uparrow P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C - C, C \overline{H} P s P j P \pm P s P \gg C - C, P \ddot{e} C \uparrow P S P \ddot{e} C \dots$
 $P i C \overline{H} P_\mu P i P^\circ C \overline{H} P^\circ C, C - P I \ C, P^\circ \ P i P_\mu P i P^\circ C \overline{H} P \ddot{e} P S C \uparrow P \cdot \ P \overline{h} P \overline{Y} P \overline{L} \ (P r P \ddot{e} P I. \ C \overline{H} P s P \cdot P r C - P \gg$
 $B \ll P_\mu P s P \pm C - C \uparrow P S C - \ C \overline{H} P_\mu P^\circ P e C \uparrow C - C - B \gg).$

$P \acute{K} P_\mu C \uparrow C, P_\mu C \overline{H} P s C - P r P S C - \ P i C \overline{H} P s C, P \ddot{e} P \cdot P^\circ P i P^\circ P \gg C \overline{H} P S C - \ P i C \overline{H} P_\mu P i P^\circ C \overline{H} P^\circ C, P \ddot{e} \ (P \acute{K} P_\mu P - P_\mu).$

$P \overline{h} P r P S P s C \uparrow P^\circ C \uparrow P S P_\mu \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C \downarrow P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg C \overline{H} \ C, P^\circ$
 $P S P^\circ P i C \overline{H} P s P e C \uparrow P_\mu P S C \uparrow P \cdot P \pm C - P \gg C \overline{H} C \epsilon C \uparrow P i P^\circ P \gg P s \ P e C - P \gg C \overline{H} P e C - C \uparrow C, C \overline{H}$
 $P i C \overline{H} P \ddot{e} C \dots P s P i P^\circ P S P \ddot{e} C \dots \ C \epsilon P \gg C \uparrow P S P e P s P i P s - P e P \ddot{e} C \epsilon P e P s P i P \ddot{e} C \dots \ P e C \overline{H} P s P i P s C, P_\mu C \uparrow.$
 $P \overline{h} P r P S P^\circ P e \ C \uparrow P_\mu C \overline{H} P_\mu P \cdot \ P I C - P r C \uparrow C \uparrow C, P S C - C \uparrow C, C \overline{H} \ P r P s C \uparrow P \gg C - P r P \overline{H} P_\mu P S C \overline{H} \ C \% P s P r P s$
 $P i P \cdot P^\circ C^\circ P j P s P r C - C - \ P i C \overline{H} P_\mu P i P^\circ C \overline{H} P^\circ C, C \uparrow P \cdot \ C - P S C \epsilon P \ddot{e} P j P \ddot{e} \ P \acute{K} P_\mu P - P_\mu \ P r P s C, P_\mu P i P_\mu C \overline{H} \ P S P_\mu$
 $P \cdot B \overline{H}^\circ C \downarrow C \uparrow P s P i P^\circ P S P s, \ C \uparrow P \ddot{e} \ P \cdot C \overline{H} P s C \uparrow C, P^\circ C^\circ \ C \overline{H} P \ddot{e} P \cdot P \ddot{e} P e \ C \epsilon P \gg C \uparrow P S P e P s P i P s -$
 $P e P \ddot{e} C \epsilon P e P s P i P \ddot{e} C \dots \ P e C \overline{H} P s P i P s C, P_\mu C \uparrow \ P i C \overline{H} P \ddot{e} \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C - \ P \cdot \ C \uparrow C \uparrow C - P j P^\circ$
 $P \acute{K} P_\mu P - P_\mu. \ P \overline{Y} P s P j C \uparrow \ P S P_\mu P s P \pm C \dots C - P r P S P^\circ \ P s P \pm P_\mu C \overline{H} P_\mu P \overline{H} P S C - C \uparrow C, C \overline{H} \ P i C \overline{H} P \ddot{e}$
 $P s P r P S P s C \uparrow P^\circ C \uparrow P S P s P j C \uparrow P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C - \ P \acute{K} P_\mu P - P_\mu, \ P \cdot P s P e C \overline{H} P_\mu P j P^\circ$
 $C - P S P i C - P \pm C - C, P s C \overline{H} C - P I \ P i P \overline{h} P^\circ - 2, \ P \cdot \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg P_\mu P j \ (P r P \ddot{e} P I. \ C \overline{H} P s P \cdot P r C - P \gg$
 $B \ll P \overline{h} C \uparrow P s P \pm P \gg P \ddot{e} P i P s C \uparrow C, C - \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C \downarrow B \gg).$

$P \overline{Y} P_\mu P \gg P_\mu P e C, P \ddot{e} P i P S C - \ C - P S P i C - P \pm C - C, P s C \overline{H} P \ddot{e} \ P \cdot P i P s C \overline{H} P s C, P S P s P i P s \ P \cdot P^\circ C \dots P s P i P \gg P_\mu P S P S C \downarrow$
 $C \uparrow P_\mu C \overline{H} P s C, P s P S C - P S C \acute{e} \ (P \overline{Y} P \uparrow P - P - P \overline{Y}).$

$P \acute{K} P_\mu P s P \pm C \dots C - P r P S P s \ P \cdot \ P s P \pm P_\mu C \overline{H} P_\mu P \overline{H} P S C - C \uparrow C, C \overline{H} \ P s P r P S P s C \uparrow P^\circ C \uparrow P S P s$
 $P \cdot P^\circ C \uparrow C, P s C \uparrow P s P i C \uparrow P i P^\circ C, P \ddot{e} \ P \overline{Y} P \uparrow P - P - P \overline{Y} \ P \cdot \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg P_\mu P j \ C \uparrow P_\mu C \overline{H} P_\mu P \cdot \ C, P_\mu,$
 $C \% P s \ P \overline{Y} P \uparrow P - P - P \overline{Y} \ P i P i P \gg P \ddot{e} P i P^\circ C \overline{H} C, C \overline{H} \ P S P^\circ \ P^\circ P e C, P \ddot{e} P i P^\circ C \uparrow C - C \overline{H} \ C, C \overline{H} P s P j P \pm P s C \uparrow P \ddot{e} C, C - P I$
 $C, P^\circ \ P i C - P r P i P \ddot{e} C \% C \uparrow C \overline{H} C, C \overline{H} \ C \overline{H} P \ddot{e} P \cdot P \ddot{e} P e \ P i P \ddot{e} P S P \ddot{e} P e P S P_\mu P S P S C \downarrow \ P e C \overline{H} P s P i P s C, P_\mu C \uparrow.$

$P \overline{h} P r P S P s C \uparrow P^\circ C \uparrow P S P_\mu \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \acute{e} P i P^\circ P S P S C \downarrow \ C - P S C \epsilon P \ddot{e} C \dots \ P \gg C - P e P^\circ C \overline{H} C \uparrow C \overline{H} P e P \ddot{e} C \dots$
 $P \cdot P^\circ C \uparrow P s P \pm C - P I.$

$P \uparrow P S P r C \acute{e} P e C, P s C \overline{H} P \ddot{e} \ C Y P 2 C 19.$

$P \overline{h} C \uparrow P e C - P \gg C \overline{H} P e P \ddot{e} \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg C \overline{H} \ P j P_\mu C, P^\circ P \pm P s P \gg C - P \cdot C \uparrow C^\circ C, C \overline{H} C \uparrow C \downarrow \ P r P s$
 $C \uparrow P i P s P i P s \ P^\circ P e C, P \ddot{e} P i P S P s P i P s \ P j P_\mu C, P^\circ P \pm P s P \gg C - C, C \uparrow \ C \uparrow P^\circ C \uparrow C, P e P s P i P s \ P \cdot P^\circ$
 $P r P s P i P s P j P s P i P s C \overline{H} \ C Y P 2 C 19, \ P s C \uparrow C - P e C \uparrow C^\circ C, C \overline{H} C \uparrow C \downarrow, \ C \% P s \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C \downarrow$
 $P \gg C - P e P^\circ C \overline{H} C \uparrow C \overline{H} P e P \ddot{e} C \dots \ P \cdot P^\circ C \uparrow P s P \pm C - P I, \ C \% P s \ C - P S P r C \uparrow P e C \uparrow C \overline{H} C, C \overline{H}$
 $P^\circ P e C, P \ddot{e} P i P S C - C \uparrow C, C \overline{H} \ C \uparrow C \overline{H} P s P i P s \ C, P_\mu C \overline{H} P j P_\mu P S C, C \uparrow, \ P i C \overline{H} P \ddot{e} P \cdot P i P_\mu P r P_\mu \ P r P s$
 $P i C - P r P i P \ddot{e} C \% P_\mu P S P S C \downarrow \ C \overline{H} C - P i P S C \downarrow \ P^\circ P e C, P \ddot{e} P i P S P s P i P s \ P j P_\mu C, P^\circ P \pm P s P \gg C - C, C \uparrow$
 $P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg C \overline{H}.$

$P \ P \ddot{e} C, P^\circ P j P i C - C \uparrow P \ddot{e} P s \ C \uparrow P \ddot{e} P \gg C \overline{H} P S P s \ C - P S P r C \uparrow P e C \uparrow C^\circ \ C Y P 2 C 19, \ C \% P s$
 $P i C \overline{H} P \ddot{e} P \cdot P i P s P r P \ddot{e} C, C \overline{H} \ C \downarrow P e \ P r P s \ P i C - P r P i P \ddot{e} C \% P_\mu P S P s P i P s \ C \overline{H} C - P i P S C \downarrow \ P^\circ P e C, P \ddot{e} P i P S P s P i P s$
 $P j P_\mu C, P^\circ P \pm P s P \gg C - C, C \uparrow \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg C \overline{H}, \ C, P^\circ P e \ C - \ P r P s \ C - P S P i C - P \pm C \uparrow P i P^\circ P S P S C \downarrow$
 $C, C \overline{H} P s P j P \pm P s C \uparrow P \ddot{e} C, C - P I, \ C \% P s, \ P \cdot P s P e C \overline{H} P_\mu P j P^\circ, \ P j P s P \overline{H} P_\mu \ P i P s C \uparrow P \ddot{e} P \gg P \ddot{e} C, P \ddot{e} \ C \overline{H} P \ddot{e} P \cdot P \ddot{e} P e$
 $P e C \overline{H} P s P i P s C, P_\mu C \uparrow C - \ P i P e \ P \cdot P^\circ P i P s P \pm C - P \overline{H} P S P \ddot{e} P N_\infty \ P \cdot P^\circ C \dots C - P r \ C \uparrow P \gg C - P r \ C \uparrow P S P \ddot{e} P e P^\circ C, P \ddot{e}$
 $P s P r P S P s C \uparrow P^\circ C \uparrow P S P s P i P s \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C \downarrow \ C - P \cdot \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg P_\mu P j$
 $C \uparrow P \ddot{e} P \gg C \overline{H} P S P \ddot{e} C \dots \ C - P S P r C \uparrow P e C, P s C \overline{H} C - P I \ C Y P 2 C 19 \ (P r P \ddot{e} P I. \ C \overline{H} P s P \cdot P r C - P \gg$
 $B \ll P \overline{h} C \uparrow P s P \pm P \gg P \ddot{e} P i P s C \uparrow C, C - \ P \cdot P^\circ C \uparrow C, P s C \uparrow C \uparrow P i P^\circ P S P S C \downarrow B \gg).$

$P \uparrow P S P i C - P \pm C - C, P s C \overline{H} P \ddot{e} \ C Y P 2 C 19.$

$P \overline{h} C \uparrow P e C - P \gg C \overline{H} P e P \ddot{e} \ P e P \gg P s P i C - P r P s P i C \overline{H} P_\mu P \gg C \overline{H} \ P i P_\mu C \overline{H} P_\mu C, P i P s C \overline{H} C \overline{H}^\circ C, C \overline{H} C \uparrow C \downarrow \ C \uparrow$
 $C \uparrow P i C - P N_\infty \ P^\circ P e C, P \ddot{e} P i P S P \ddot{e} P N_\infty \ P j P_\mu C, P^\circ P \pm P s P \gg C - C, \ C \uparrow P^\circ C \uparrow C, P e P s P i P s \ P i C - P r \ P r C - C^\circ C \overline{H}$

CYP2C19, C,Ps P·P°CfC,PsCfCfPIP°PSPSClI PíCfPµPíP°CfP°C,C-PI, ClIPEc-
P·PSPëP¶CfCfC,CH P°PeC,PëPIPSC-CfC,CH C†CHbPsPiPs C„PµCfPjPµPSC,Cf,
PSP°PNcC-PjPsPIC-CfPSC-CëPµ, PíCfPëP·PIPµPrPµ PrPs P·PSPëP¶PµPSPSClI
PePsPSC†PµPSC,CfP°C†C-C— P°PeC,PëPIPSPsPiPs PjPµC,P°P±PsP»C-C,Cf
PeP»PsPíC-PrPsPiCfPµP»Cf Cf PíP»P°P·PjC- PeCfPSPIC-. PñP»C-PSC-C†PSPµ
P·PSP°C†PµPSPSClI C†C-C”C— PIP·P°C”PjPsPrC-C— PSPµ P·b¶™ ClIcÍPsPIP°PSPµ. PýPsPjCf
ClIPE P·P°PíPsP±C-P¶PSPëPNc P·P°C...C-Pr CÍP»C-Pr CfPSPëPeP°C,Pë PsPrPSPsC†P°CÍPSPsPiPs
P·P°CfC,PsCfCfPIP°PSPSClI CÍPëP»CHbPSPëC... C,P° PíPsPjC-CfPSPëC...
C-PSPiC-P±C-C,PsCfC-PI CYP2C19 (PrPëPI. CfPSP·PrC-P»Pë
B«PαP°CfPjP°PePsPeC-PSPµC,PëPeP°B» C,P° B«PhCÍPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSClIB»).

P”Ps PíCfPµPíP°CfP°C,C-PI, ClIPEc- C” CÍPëP»CHbPSPëPjPë P°P±Ps PíPsPjC-CfPSPëPjPë
C-PSPiC-P±C-C,PsCfP°PjPë CYP2C19, PSP°P»PµP¶P°C,CH PsPjPµPíCfP°P·PsP»,
PµP·PsPjPµPíCfP°P·PsP», C„P»CfPIPsPeCÍP°PjC-PS, C„P»CfPsPeCÍPµC,PëPS,
PjPsPeP»PsP±PµPjC-Pr, PIPsCfPëPePsPSP°P·PsP», C„P»CfPePsPSP°P·PsP»,
C,PëPeP»PsPíC-PrPëPS, PeP°CfP±P°PjP°P·PµPíC-PS C,P° PµC„P°PIC-CfPµPSC†.

P†PSPiC-P±C-C,PsCfPë PíCfPSC,PsPSPSPsC— PíPsPjPíPë (P†PµPµ).

PhPjPµPíCfP°P·PsP» Cf PrPsP·C- 80 PjPi 1 CfP°P· PSP° PrPsP±Cf PíCfPë
CfCfPíCfC,PSCHbPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- P· PeP»PsPíC-PrPsPiCfPµP»PµPj P°P±Ps PI
PjPµP¶P°C... 12 PiPsPrPëPS PjC-P¶ PíCfPëPNcPsPjP°PjPë C†PëC... PrPIPsC...
PíCfPµPíP°CfP°C,C-PI P·PSPëP¶CfPIP°PI PePsPSC†PµPSC,CfP°C†C-Cf P°PeC,PëPIPSPsPiPs
PjPµC,P°P±PsP»C-C,Cf Cf PeCfPSPIC- PSP° 45 % (PSP°PIP°PSC,P°P¶CfPIP°P»CHbPSP° PrPsP·P°)
C- PSP° 40 % (PíC-PrC,CfPëPjCfCfC†P° PrPsP·P°). PíPµ P·PSPëP¶PµPSPSClI
CfCfPíCfPSPsPrP¶CfPIP°P»PsCfCf P·PjPµPSCëPµPSPSClI Pj PíCfPëPiPSC-C†PµPSPSClI
P°PíCfPµPíP°C†C-C— C,CfPSPjP±PsC†PëC,C-PI PSP° 39 % (PSP°PIP°PSC,P°P¶CfPIP°P»CHbPSP°
PrPsP·P°) C- PSP° 21 % (PíC-PrC,CfPëPjCfCfC†P° PrPsP·P°). PhC†C-PeCfC”C,CHbCfCf, C%oPs PI
P°PSP°P»PsPíC-C†PSCf PIP·P°C”PjPsPrC-Cf P· PeP»PsPíC-PrPsPiCfPµP»PµPj
PICfC,CfPíP°C,PëPjPµ C- PµP·PsPjPµPíCfP°P·PsP».

P”P°PSC- C%oPsPrPs PeP»C-PSC-C†PSPëC... PSP°CÍP»C-PrPeC-PI C†PëC...
C„P°CfPjP°PePsPeC-PSPµC,PëC†PSPëC... C,P° C„P°CfPjP°PePsPrPëPSP°PjC-C†PSPëC...
PIP·P°C”PjPsPrC-PNc P· C,PsC†PePë P·PsCfCf CfPSP·PIPëC,PeCf PsCÍPSPsPIPSPëC...
PeP°CfPrC-PsPIP°CÍPeCfP»ClIcfPSPëC... PíPsPrC-PNc C” CÍCfPiPµCfPµC†P»PëPIPëPjPë. PíPe
P·P°PíPsP±C-P¶PSPëPNc P·P°C...C-Pr PSPµ CÍP»C-Pr PsPrPSPsC†P°CÍPSPs P·
PeP»PsPíC-PrPsPiCfPµP»PµPj P·P°CfC,PsCfCfPIP°PSPSClI PíCfPëPjPë PíCfP°P·PsP» P°P±Ps
PµP·PsPjPµPíCfP°P·PsP» (PrPëPI. CfPSP·PrC-P» B«PhCÍPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSClIB»).

PñPµPSCë PIPëCfP°P¶PµPSPµ P·PSPëP¶PµPSPSClI PePsPSC†PµPSC,CfP°C†C-PNc
PjPµC,P°P±PsP»C-C,Cf Cf PeCfPSPIC- CÍPíPsCfC,PµCfC-PiP°P»PsCfCf PíCfPë
P·P°CfC,PsCfCfPIP°PSPSC- PíP°PSC,PsPíCfP°P·PsP»Cf P°P±Ps P»P°PSCÍPsPíCfP°P·PsP»Cf.

PµCfPë PsPrPSPsC†P°CÍPSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC- PíP°PSC,PsPíCfP°P·PsP»Cf Cf
PrPsP·C- 80 PjPi 1 CfP°P· PSP° PrPsP±Cf PePsPSC†PµPSC,CfP°C†C-C— P°PeC,PëPIPSPsPiPs
PjPµC,P°P±PsP»C-C,Cf Cf PíP»P°P·PjC- P·PjPµPSCëPëP»PëCfCf PSP° 20 %
(PSP°PIP°PSC,P°P¶CfPIP°P»CHbPSP° PrPsP·P°) C,P° PSP° 14 % (PíC-PrC,CfPëPjCfCfC†P°
PrPsP·P°). PíPµ P·PSPëP¶PµPSPSClI CÍCfPíCfPSPsPrP¶CfPIP°P»PsCfCf
P·PjPµPSCëPµPSPSClI Pj CÍPµCfPµPrPSCbPsPiPs PíPsPeP°P·PSPëPeP°
PíCfPëPiPSC-C†PµPSPSClI P°PíCfPµPíP°C†C-C— C,CfPSPjP±PsC†PëC,C-PI PSP° 15 % C,P° 11 %

PIC-PrPīPsPIC-PrPSPs. PkC,CTHPēPjP°PSC- CTHPμP·CfP»CHC,P°C,Pē PIPeP°P·CfCHC,CH PSP°
PjPsP¶P»PēPIC-ClC,CH PsPrPSPsC‡P°ClPSPsPiPs P·P°ClC,PsClCfPIP°PSPSCl
PeP»PsPīC-PrPsPiCTHPμP»CH C,P° PīP°PSC,PsPīCTHP°P·PsP»Cf.

PkPμPjP°C” PrPsPeP°P·C-PI C,PsPiPs, C%Ps C-PSC€C- P»C-PeP°CTHClCHPeC- P·P°ClPsP±Pē,
ClPeC- P·PjPμPSC€CfCHC,CH PIPēCTHPsP±P»PμPSPSCl PePēClP»PsC,Pē Cf C€P»CfPSPeCf,
C,P°PeC- ClPe, PSP°PīCTHPēPeP»P°Pr, Pk₂-P±P»PsPeP°C,PsCTHPē P°P±Ps P°PSC,P°C†PēPrPē,
PIPīP»PēPIP°CHC,CH PSP° P°PSC,PēC,CTHPsPjP±PsC†PēC,P°CTHPSCf P°PeC,PēPIPSC-ClC,CH
PeP»PsPīC-PrPsPiCTHPμP»CH.

P’CžClC,PμCTHPSP° P°PSC,PēCTHPμC,CTHPsPIC-CTHCžClPSP° C,PμCTHP°PīC-Cl.

Pj P’P†P>-C-PSC,,C-PePsPIP°PSPēC... PīP°C†C-C”PSC,C-PI, ClPeC- PsC,CTHPēPjCfCHC,CH
P±CfClC,PμCTHPSCf P°PSC,PēCTHPμC,CTHPsPIC-CTHCfClPSCf C,PμCTHP°PīC-CH (PḥP Pḥ),
PIPēClPsPePēP№ CTHPēP·PēPe PIPēPSPēPePSPμPSPSCl ClCfPrPēPSPSPēC... PīPsPrC-P№.

PŸCfC,C,C”PIPs P·PSPēP¶PμPSPμ C-PSPiC-P±CfPIP°PSPSCl C,CTHPsPjP±PsC†PēC,C-PI
ClPīPsClC,PμCTHC-PiP°P»PsClCl Cf PīP°C†C-C”PSC,C-PI P· P’P†P>, ClPeC-
PsC,CTHPēPjCfPIP°P»Pē PḥP Pḥ, PīC-PrClPēP»PμPSCf CTHPēC,PsPSP°PIC-CTHPsPj P°P±Ps
PePsP±C-C†PēClC,P°C,PsPj. PīPsC‡P° PeP»C-PSC-C‡PSP° P·PSP°C‡CfC%C-ClC,CH C†PēC...
PrP°PSPēC... PSPμ PIPēP·PSP°C‡PμPSP°, PsC,CTHPēPjP°PSPs ClPīPsPSC,P°PSPSC-
PīPsPIC-PrPsPjP»PμPSPSCl PīCTHPs P’P†P>-C-PSC,,C-PePsPIP°PSPēC... PīP°C†C-C”PSC,C-PI,
ClPeC- PsC,CTHPēPjCfPIP°P»Pē PḥP Pḥ, PīC-PrClPēP»PμPSCf CTHPēC,PsPSP°PIC-CTHPsPj, C-
ClPeC- PīPμCTHPμPSPμClP»Pē PīPsPIC,PsCTHPSC- PsPeP»CHP·C-P№PSC- ClPIPēC%P°
PīC-ClP»Cl PrPμPsP±ClC,CTHCfPeC†C-C— P°P±Ps C,CTHPsPjP±PsC,PēC‡PSC- PīPsPrC-C— PSP°
C,,PsPSC- ClC...PμPjPē P»C-PeCfPIP°PSPSCl ClPrP°CTHPSPēPjPē PrPsP·P°PjPē
PeP»PsPīC-PrPsPiCTHPμP»CH. PμCTHPē PsPrPSPsC‡P°ClPSPsPjCf P·P°ClC,PsClCfPIP°PSPSC-
PeP»PsPīC-PrPsPiCTHPμP»CH C,P° CTHPēC,PsPSP°PIC-CTHCf PjPsP¶P»PēPIPμ P·PSPēP¶PμPSPSCl
ClPμCTHPμPrPSCHPsPiPs C-PSPiC-P±CfPIP°PSPSCl C,CTHPsPjP±PsC†PēC,C-PI. PḥP°PePēPj
C‡PēPSPsPj, ClP»C-Pr PIC-PrPjPsIP»ClC,PēClCl PIC-Pr PsPrPSPsC‡P°ClPSPsPiPs
P·P°ClC,PsClCfPIP°PSPSCl PeP»PsPīC-PrPsPiCTHPμP»CH P· P±CfClC,PμCTHPSPsCH PḥP Pḥ.

PḥPsPjP±C-PSP°C†C-Cl P· C-PSC€PēPjPē P»C-PeP°CTHClCHPePēPjPē P·P°ClPsP±P°PjPē.

P’CfP»Ps PīCTHPsPIPμPrPμPSPs CTClPr PeP»C-PSC-C‡PSPēC... PrPsClP»C-PrP¶PμPSCH P·
PeP»PsPīC-PrPsPiCTHPμP»PμPj C,P° C-PSC€PēPjPē PīCTHPμPīP°CTHP°C,P°PjPē PrP»Cl
PIPēPIC‡PμPSPSCl PīPsC,PμPSC†C-P№PSPēC... C,,P°CTHPjP°PePsPrPēPSP°PjC-C‡PSPēC... C-
C,,P°CTHPjP°PePsPeC-PSPμC,PēC‡PSPēC... PIP·P°C”PjPsPrC-P№. PḥP»C-PSC-C‡PSPs
P·PSP°C‡CfC%PsC— C,,P°CTHPjP°PePsPrPēPSP°PjC-C‡PSPsC— PIP·P°C”PjPsPrC-C— PīCTHPē
P·P°ClC,PsClCfPIP°PSPSC- PeP»PsPīC-PrPsPiCTHPμP»CH PsPrPSPsC‡P°ClPSPs P·
P°C,PμPSPsP»PsP»PsPj, PSC-C,,PμPrPēPīC-PSPsPj P°P±Ps P· PsP±PsPjP°
PīCTHPμPīP°CTHP°C,P°PjPē PIPēClPIP»PμPSPs PSPμ P±CfP»Ps. PḥCTHC-Pj C,PsPiPs,
C,,P°CTHPjP°PePsPrPēPSP°PjC-C‡PSP° P°PeC,PēPIPSC-ClC,CH PeP»PsPīC-PrPsPiCTHPμP»CH
P·P°P»PēC€PēP»P°ClCl PīCTHP°PeC,PēC‡PSPs PSPμP·PjC-PSPμPSPsCH PīCTHPē
PsPrPSPsC‡P°ClPSPsPjCf P·P°ClC,PsClCfPIP°PSPSC- P· C,,PμPSPsP±P°CTHP±C-C,P°P»PsPj C,P°
PμClC,CTHPsPiPμPSPsPj.

PḥP°CTHPjP°PePsPeC-PSPμC,PēC‡PSC- PIP»P°ClC,PēPIPSClC,C- PrPēPiPsPeClPēPSCž P°P±Ps
C,PμPsC,,C-P»C-PSCž PSPμ P·PjC-PSCḤPIP°P»PēClCl PīCTHPē PsPrPSPsC‡P°ClPSPsPjCf
P·P°ClC,PsClCfPIP°PSPSC- P· PeP»PsPīC-PrPsPiCTHPμP»PμPj.

PḥPSC,P°C†PēPrPSC- P·P°ClPsP±Pē PSPμ PIPīP»PēPIP°P»Pē PSP° CTHC-PIPμPSCH

PīPe C- Cr CḡP°P·C- P·P°CíC,PsCíCíPIP°PSPSCı C-PSC€PëC... PīPμCḡPsCḡP°P»CḤPSPëC...
 C-PSPIc-P±C-C,PsCḡC-PI P2Y12, PsPrPSPsC±P°CíPSPμ P·P°CíC,PsCíCíPIP°PSPSCı
 PsPiC-PsC—PrPSPëC... P°PiPsPSC-CíC,C-PI PjPsP¶Pμ PīPsC,PμPSC†C-PN̄PSPs
 P·P°C,CḡPëPjP°C,Pë C,P° P·PjPμPSC€PëC,Pë P°P±CíPsCḡP±C†C-Cḡ
 PeP»PsPiC-PrPsPiCḡPμP»Cḡ, PN̄PjPsPIC-CḡPSPs, C±PμCḡPμP· CrPīPsPIC-P»CḤPSPμPSPμ
 PIPëPīPsCḡPsP¶PSPμPSPSCı C€P»CrPSPeP°. P̄P»C-PSC-C±PSP° P·PSP°C±CrC%oC-CíC,CḤ
 C†CḤPsPiPs PSPμPIC-PrPsPjP°. P̄P»C-Pr CḡPsP·PiP»CıPSCíC,Pë P·P°CíC,PsCíCíPIP°PSPSCı
 PīP°CḡPμPSC,PμCḡP°P»CḤPSPsPiPs P°PSC,PëC,CḡPsPjP±PsC†PëC,P°CḡPSPsPiPs P·P°CíPsP±Cr
 PīP°C†C-C°PSC,P°Pj P· PiPsCíC,CḡPëPj PePsCḡPsPSP°CḡPSPëPj CíPëPSPrCḡPsPjPsPj, CıPeC-

PiPsC, C₇P₁P₂C₁C₇C, C₇ PsPrPSPsC₁P^oC₁PSPsPiPs PIPiP₁PrP₁PSPSC₁ PjPsC₇C₁C-PSC₁ P^oP₁Ps C-PSC₁P₁C... P^oPiPsPSC-C₁C, C-PI PsPiC-PsC-PrC-PI.

P PsP·C₁PIP^oC₁C, P^oC, P₁PS.

P^oC₁P₁Ps PIP₁C₁PI₁P₁PsPSPs, C₁%₁Ps PiC-C₁P₁»C₁ PiC₇P₁P₁PsPjC₁ PeP₁»PsPiC-PrPsPiC₇P₁P₁»C₇ PI PrPsP₁C- 300 PjPi C₁ Pi^oC₁C-C^oPSC, C-PI P₁PeC₁PiPsP₁·P₁C₁C-C₁ C₇PsP₁·C₁PIP^oC₁C, P^oC, P₁PS₁C₁ P₁·P₁C-P₁»C₇C₁C₁C^oC, C₇C₁C₁C₁ C₁ 2 C₇P^oP₁·P₁ (AUC) C₁, P^o C₁ 1, 3 C₇P^oP₁·P₁ (C₁_{max}), P^o PiC-C₁P₁»C₁ PiPsPIC, PsC₇PSPsPiPs PiC₇P₁P₁PsPjC₁ PeP₁»PsPiC-PrPsPiC₇P₁P₁»C₇ PI PrPsP₁C- 75 PjPi P₁PeC₁PiPsP₁·P₁C₁C-C₁ C₇PsP₁·C₁PIP^oC₁C, P^oC, P₁PS₁C₁ P₁·P₁C-P₁»C₇C₁C₁C^oC, C₇C₁C₁C₁ PI 1, 4 C₇P^oP₁·P₁ (AUC) P₁±P₁P₁· PIP₁P₁»P₁PiC₁ PSP^o P₁_{max}.

PhC₁PsP₁±P₁»P₁PIPsC₁C, C- P^o·P^oC₁C, PsC₁C₁PIP^oPSPSC₁.

P₁C₇PsPIPsC, P₁C₁±P^o C, P^o PiP₁PjP^oC, PsP₁»PsPiC-C₁PSC- C₇PsP₁·P₁»P^oPrP₁·P₁.

P₁Sp₁C₇P₁P₁· C₇P₁P₁·P₁Pe C₇PsP₁·PIP₁C, PeC₁ PeC₇PsPIPsC, P₁C₁±C- C, P^o PiP₁PjP^oC, PsP₁»PsPiC-C₁PSP₁C... PiPsP₁C-C₁PSP₁C... C₇P₁P^oPeC₁C-PN₁ C₁P₁»C-Pr PSP₁PiP^oPN₁PSPs PiC₇PsPIPiC₁C, P₁ C₇PsP₁·PiPsC₇PSC₁C, P₁PN₁ P^oPSP^oP₁»C-P₁ PeC₇PsPIC- C, P^o/P^oP₁±Ps C-PSC₁C- PIC-PrPiPsPIC-PrPSC- C, P₁C₁C, P₁, C₁PeC₁%₁Ps PiC-Pr C₁±P^oC₁ P^o·P^oC₁C, PsC₁C₁PiP^oPSPSC₁ PiC₇P₁PiP^oC₇P^oC, C₁ C₁PiPsC₁C, P₁C₇C-PiP^oC₇C, C₇C₁C₁ C₁P₁PjPiC, PsPjP₁, C₁%₁Ps C₁PiC-PrC₁±P^oC, C₇ PiC₇Ps PjPsP₁P₁»P₁PiC-C₁C, C₇ PeC₇PsPIPsC, P₁C₁±C- (PrP₁PI. C₇PsP₁·PrC-P₁» B«P₁PsP₁C-C₁PSC- C₇P₁P^oPeC₁C-C-B»).

PiPe C- C-PSC₁C- P^oPSC, P₁C, C₇PsPjP₁±PsC₁P₁C, P^oC₇PSC- P^o·P^oC₁PsP₁±P₁, PeP₁»PsPiC-PrPsPiC₇P₁P₁»C₇ C₁P₁»C-Pr P^o·P^oC₁C, PsC₁PsPIC₁PiP^oC, P₁· PsP₁±P₁C₇P₁P₁PSC-C₁C, C₇ Pi^oC₁C-C^oPSC, P^oPj P₁· PiC-PrPIP₁C₁%₁P₁PSP₁Pj C₇P₁P₁·P₁PePsPj PeC₇PsPIPsC, P₁C₁±C- PIPSP^oC₁P₁»C-PrPsPe C, C₇P^oPIPjP₁, C...C-C₇C₁C₇PiC-C₁PSPsPiPs PIC, C₇C₁C₁±P^oPSPSC₁ P^oP₁±Ps C-PSC₁C... PiP^oC, PsP₁»PsPiC-C₁PSP₁C... C₁C, P^oPSC-PI, P^o C, P^oPePsP₁ C₁ C₇P^oP₁·C- P^o·P^oC₁C, PsC₁C₁PiP^oPSPSC₁ PiP^oC₁C-C^oPSC, P^oPjP₁ P₁·P₁·P₁, PiP₁PiP^oC₇P₁PSC₁, C-PSPiC-P₁C-C, PsC₇C-PI PiP₁»C-PePsPiC₇PsC, P₁C—PSC₁ IIB/IIIP^o P^oP₁±Ps P₁·P₁—P₁, PIP₁P₁»C₇C₁±P^oC₇C₁±P₁ C-PSPiC-P₁C-C, PsC₇P₁ P₁·P₁·P₁·2 P^oP₁±Ps C₁P₁P₁»P₁PeC, P₁PIPSC- C-PSPiC-P₁C-C, PsC₇P₁ P₁·PIPsC₇PsC, PSPsPiPs P^o·P^oC...PsPiP₁»P₁PSPSC₁ C₁P₁C₇PsC, PsPSC-PSC₁ (P₁·P₁—P₁—P₁), P^oP₁±Ps PiPsC, C₁P₁PSC- C-PSP₁C₁PeC, PsC₇P₁ CYP2C19, P^oP₁±Ps C-PSC₁C- P₁»C-PeP^oC₇C₁C₇PeC- P^o·P^oC₁PsP₁±P₁, C, P^oPeC- C₁Pe PiP₁PSC, PsPeC₁P₁C, C-P₁»C-PS, P^o·P^oC₁C, PsC₁C₁PiP^oPSPSC₁ C₁PeP₁C... C₁C₁PiC₇PsPIPsPrP₁C₁C, C₇C₁C₁ PiC-PrPIP₁C₁%₁P₁PSPSC₁Pj C₇P₁P₁·P₁PeC₁ PiP₁PjPsC₇P^oPiC-C₁PSP₁C... C₁PIP₁C₁%₁ (PrP₁PI. C₇PsP₁·PrC-P₁» B«P^o·P^oC^oPjPsPrC-C₁ P₁· C-PSC₁C₁PjP₁ P₁»C-PeP^oC₇C₁C₇PeP₁PjP₁ P^o·P^oC₁PsP₁±P^oPjP₁ C, P^o C-PSC₁C- PIP₁PrP₁ PIP₁·P^oC^oPjPsPrC-PN₁B»). P₁Sp₁C₇P₁P₁· PiC-PrPIP₁C₁%₁P₁PSP₁PN₁ C₇P₁P₁·P₁Pe PeC₇PsPIPsC, P₁C₁±C- PSP₁ C₇P₁PePsPjP₁PSP₁C₁C, C₇C₁C₁ PiPsC, C₇C-PN₁PSP^o P^oPSC, P₁C, C₇PsPjP₁±PsC₁P₁C, P^oC₇PSP^o C, P₁C₇P^oPiC-C₁ (PeP₁»PsPiC-PrPsPiC₇P₁P₁»C₇ P₁·P₁·P₁ PrP₁PiC-C₇P₁PrP^oPjPsP₁) PrP₁»C₁ PIC, PsC₇P₁PSPSPs— PiC₇PsC, C-P₁»P^oPeC, P₁PeP₁ C-PSC₁C₁P₁»C₇C, C₁ C₁ Pi^oC₁C-C^oPSC, C-PI P₁· PiPsC₁C, C₇P₁Pj PSP₁PeP^oC₇PrC-PsP₁PjP₁±PsP₁»C-C₁PSP₁Pj C-C₁PePjC-C₁PSP₁Pj C-PSC₁C₁P₁»C₇C, PsPj P^oP₁±Ps P₁·P₁·P₁ (PrP₁PI. C₇PsP₁·PrC-P₁» B«P^o·P^oC^oPjPsPrC-C₁ P₁· C-PSC₁C₁PjP₁ P₁»C-PeP^oC₇C₁C₇PeP₁PjP₁ P^o·P^oC₁PsP₁±P^oPjP₁ C, P^o C-PSC₁C- PIP₁PrP₁ PIP₁·P^oC^oPjPsPrC-PN₁B» C, P^o B«P₁PsP₁C-C₁PSC- C₇P₁P^oPeC₁C-C-B»).

[illegible]

$P \propto P^{\circ} C_{\overline{H}} P_j P^{\circ} P_e P_s P_i P_{\mu} P_{SP\mu} C, P_{\overline{e}} P_e P^{\circ}: C_r P_i P^{\circ} C \dagger C - C'' PSC, C - PI C - P \cdot P_i P_{\mu} P_{SP\mu} C, P_{\overline{e}} C \dagger P_{SPs}$
 $P - P_{SP} P_{\overline{e}} P_{\overline{H}} P_{\mu} P_{SPs} C_{\overline{H}} C,, C_r P_{SP} P_e C \dagger C - C'' C_{\overline{H}} CYP2C19 C_r P_i P_s C_r C, P_{\mu} C_{\overline{H}} C - P_i P^{\circ} C'' C, C_{\overline{H}} C_r C_{\overline{H}}$
 $P_j P_{\mu} P_{SC} P^{\circ} P_e P_s P_{SC} \dagger P_{\mu} P_{SC}, C_{\overline{H}} P^{\circ} C \dagger C - C_{\overline{H}} P^{\circ} P_e C, P_{\overline{e}} PIPSPs P_i P_s P_j P_{\mu} C, P^{\circ} P \pm P_s P \gg C - C, C_r$
 $P_e P \gg P_s P_i C - Pr P_s P_i C_{\overline{H}} P_{\mu} P \gg C_{\overline{H}} C_r P_i P \gg P^{\circ} P \cdot P_j C - P_e C_{\overline{H}} P_s PIC - C, P^{\circ} P_j P_{\mu} P_{SC} P_{IP} P_{\overline{e}} C_{\overline{H}} P^{\circ} P_{\overline{H}} P_{\mu} P_{SP} P_{\overline{e}} P_{N_2}$
 $P^{\circ} P_{SC}, P_{\overline{e}} C, C_{\overline{H}} P_s P_j P \pm P_s C \dagger P_{\overline{e}} C, P^{\circ} C_{\overline{H}} P_{SP} P_{\overline{e}} P_{N_2} P_{\mu} C,, P_{\mu} P_e C, P_i C_{\overline{H}} P_{\overline{e}} P \cdot P^{\circ} C_r C, P_s C_r C_r PIP^{\circ} P_{SP} P_{SC} -$
 $C_{\overline{H}} P_{\mu} P_e P_s P_j P_{\mu} P_{SP} Pr P_s PIP^{\circ} P_{SP} P_{\overline{e}} C... Pr P_s P \cdot P_e P \gg P_s P_i C - Pr P_s P_i C_{\overline{H}} P_{\mu} P \gg C_{\overline{H}} C_r P - P^{\circ} C_{\overline{H}} P^{\circ} P \cdot$
 $C - C_r P_{SC} C_r C_{\overline{H}} C, C_{\overline{H}} C, P_{\mu} C_r C, P_{\overline{e}}, C_{\overline{H}} P_e C - Pr P^{\circ} C_{\overline{H}} C, C_{\overline{H}} P \cdot P_j P_s P_i C_r PIP_{\overline{e}} C_{\overline{H}} PIP_{\overline{e}} C, P_{\overline{e}}$
 $P_i P_{\mu} P_{SPs} C, P_{\overline{e}} P_i CYP2C19 C_r P_i P^{\circ} C \dagger C - C'' PSC, P^{\circ}.$

PhC†C-PeC†C”C,CHC†C†C†, C%Ps P·P°C†C,PsC†C†PIP°PSPSC† P»C-PeP°C†C†CHPePëC...
P·P°C†PsP±C-PI, C%Ps C-PSPrC†PeC†C†C,CH P°PeC,PëPIPSC-C†C,CH CYP2C19,
PiC†PëP·PIPµPrPµ PrPs PiC-PrPIPëC%PµPSPSC† C†C-PIPSC† P°PeC,PëPIPSPSiPiPs
PjPµC,P°P±PsP»C-C,C† PeP»PsPiC-PrPsPiC†PµP»C† C,P° PjPsP¶Pµ PiPsC†PëP»PëC,Pë
C†PëP·PëPe PeC†PsPIPsC,PµC†C-. PïPe P·P°PiPsP±C-P¶PSPëPN P·P°C...C-Pr C†P»C-Pr
C†PSPëPeP°C,Pë PsPrPSPsC†P°C†PSPsPiPs P·P°C†C,PsC†C†PIP°PSPSC† C-P·
PeP»PsPiC-PrPsPiC†PµP»PµPj C†PëP»CHPSPëC... C-PSPrC†PeC,PsC†C-PI CYP2C19 (PrPëPI.
C†PsP·PrC-P» B«P’P·P°C”PjPsPrC-C† P· C-PSC€PëPjPë P»C-PeP°C†C†CHPePëPjPë
P·P°C†PsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNëB»).

PŸC¿P±CŸC,CŸP°C,Pē C„PμCŸPjPμPSC,C¿ CYP2C8.

*PħCÍPsP±P»PëPIC- P·P°CÍC,PμCĤPμP¶PμPSPSCĬ C%PsPrPs PIPëPrP°P»PμPSPSCĬ
P·P°P»PëC€PεC-PI C,P° PIC-PrC...PsPrC-PI*

*P'CÍPrCH-CĬPePëPNë PSPμPIPëPePsCĤPëCÍC,P°PSPëPNë PíCĤPμPíP°CĤP°C, P°P±Ps
PIC-PrC...PsPrPë PíPsC,CĤC-P±PSPs P·PSPëC%PëC,Pë PIC-PrPíPsPIC-PrPSPs PrPs
PjC-CÍC†PμPIPëC... PIPëPjPsPi.*

*P—P°CÍC,PsCÍC¿PIP°PSPSCĬ C¿ PíPμCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps
PíPsPrC¿PIP°PSPSCĬ PíCĤC¿PrPrCH.*

P'P°PiC-C,PSC-CÍC,CH.

*P§PμCĤPμP· PIC-PrCÍCÍC,PSC-CÍC,CH PeP»C-PSC-C‡PSPëC... PrP°PSPëC... PíCĤPs
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PeP»PsPíC-PrPsPíCĤPμP»CH CÍ PíPμCĤC-PsPr
PIP°PiC-C,PSPsCÍC,C-, PSPμP±P°P¶P°PSPs PíCĤPëP·PSP°C‡P°C,Pë PíCĤPμPíP°CĤP°C,
PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj (P·P°CÍC,PμCĤPμP¶PSPëPNë P·P°C...C-Pr).*

*P''PsCÍP»C-PrPë PSP° C,PIP°CĤPëPSP°C... PSPμ PIPëCĬPIPëP»Pë PíCĤCĬPjPsPiPs P°P±Ps
PsPíPsCÍPμCĤPμPrPePsPIP°PSPsPiPs PSPμPíP°C,PëPIPSsPiPs PIPíP»PëPICÍ PSP°
PIP°PiC-C,PSC-CÍC,CH, CĤPsP·PIPëC,PsPe PμPjP±CĤC-PsPSP°/PíP»PsPrP°, PíPsP»PsPiPë C,P°
PíPsCÍC,PSP°C,P°P»CHPSPëPNë CĤPsP·PIPëC,PsPe.*

PμPμCĤC-PsPr PíPsPrC¿PIP°PSPSCĬ PíCĤC¿PrPrCH.

*PќPμPIC-PrPsPjPs, C‡Pë PμPeCÍPeCĤPμC,CÍC''C,CHCÍCĬ PeP»PsPíC-PrPsPíCĤPμP»CH CÍ
PíCĤCÍPrPSPμ PjPsP»PsPePs P¶C-PSPePë. Pj PrPsCÍP»C-PrP¶PμPSPSCĬC... PSP°
C,PIP°CĤPëPSP°C... P±CÍP»Ps PíPsPeP°P·P°PSPs, C%Ps PIC-PS
PμPeCÍPeCĤPμC,CÍC''C,CHCÍCĬ CÍ PíCĤCÍPrPSPμ PjPsP»PsPePs, C,PsPjCÍ PíC-Pr C‡P°CÍ
P·P°CÍC,PsCÍCÍPIP°PSPSCĬ PíCĤPμPíP°CĤP°C,CÍ PıP»P°C,PsPíCĤC-P»⁰ PíPsPrCÍPIP°PSPSCĬ
PíCĤCÍPrPrCH CÍP»C-Pr PíCĤPëPíPëPSPëC,Pë.*

P⌘PμCĤC,PëP»CHPSC-CÍC,CH.

*PıC-Pr C‡P°CÍ PrPsCÍP»C-PrP¶PμPSCĤ PSP° P»P°P±PsCĤP°C,PsCĤPSPëC...
C,PIP°CĤPëPSP°C... PSPμ P±CÍP»Ps PIPëCĬPIP»PμPSPs PSPμPíP°C,PëPIPSsPiPs PIPíP»PëPICÍ
PeP»PsPíC-PrPsPíCĤPμP»CH PSP° C,,PμCĤC,PëP»CHPSC-CÍC,CH.*

*P—PrP°C,PSC-CÍC,CH PIPíP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍC,CH CĤPμP°PeC†C-C— PíCĤPë
PePμCĤC¿PIP°PSPSC- P°PIC,PsC,CĤP°PSCÍPíPsCĤC,PsPj P°P±Ps C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

*PљP»PsPíC-PrPsPíCĤPμP»CH PSPμ PIPíP»PëPIP°C'' P°P±Ps PjP°C'' PSPμP·PSP°C‡PSPëPNë
PIPíP»PëPI PSP° C€PIPëPrPeC-CÍC,CH CĤPμP°PeC†C-C— PíCĤPë PePμCĤCÍPIP°PSPSC-
P°PIC,PsC,CĤP°PSCÍPíPsCĤC,PsPj P°P±Ps CĤPsP±PsC,C- P· C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.*

PŸPíPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSCĬ C,P° PrPsP·Pë.

P''PsCḥPsCÍP»C- PîP°C†C-C''PSC,Pë C,P° PîP°C†C-C''PSC,Pë P»C-C,PSCHḥPsPiPs PIC-PeCé.

PḥP»P°C,PsPiCḥC-P»° PîCḥPëPNëPjP°C,Pë PîPµCḥPsCḥP°P»CHḥPSPs PîPs 75 PjPi 1 CḥP°P· PSP° PrPsP±CÍ, PSPµP·P°P»PµP¶PSPs PIC-Pr PIP¶PëPIP°PSPSCḐ C—P¶C-.

PJ PîP°C†C-C''PSC,C-PI C-P· PiPsCÍC,CḥPëPj PePsCḥPsPSP°CḥPSPëPj CÍPëPSPPrCḥPsPjPsPj P±PµP· PîC-PrPNëPsPjCÍ CÍPµPiPjPµPSC,P° ST (PSPµCÍC,P°P±C-P»CHḥPSP° CÍC,PµPSPsPeP°CḥPrC-CḐ P°P±Ps C-PSC,,P°CḥPeC, PjC-PsPeP°CḥPrP° P±PµP· P·CÍP±C†CḐ Q PSP° P·PḥP'') P»C-PeCÍPIP°PSPSCḐ PeP»PsPîC-PrPsPiCḥPµP»PµPj CḥPsP·PiPsC†PëPSP°C,Pë P· PsPrPSPsCḥP°P·PsPIPsC— PSP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSPsC— PrPsP·Pë 300 PjPi P°P±Ps 600 PjPi. PkP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSP° PrPsP·P° 600 PjPi PjPsP¶Pµ P±CÍC,Pë P·P°CÍC,PsCÍPsPIP°PSP° PîP°C†C-C''PSC,P°Pj PIC-PePsPj PrPs 75 CḥPsPeC-PI CÍ CḥP°P·C-, PePsP»Pë PSPµPsP±C...C-PrPSPµ C†PµCḥPµP·CëPeC-CḥPSPµ PePsCḥPsPSP°CḥPSPµ PIC,CḥCÍC†P°PSPSCḐ (PrPëPI. CḥPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCḐB»). P»C-PeCÍPIP°PSPSCḐ PeP»PsPîC-PrPsPiCḥPµP»PµPj CÍP»C-Pr PîCḥPsPrPsPIP¶CÍPIP°C,Pë PrPsP·PsCḥ 75 PjPi 1 CḥP°P· PSP° PrPsP±CÍ (P· P°C†PµC,PëP»CÍP°P»C-C†PëP»PsPIPsCḥ PePëCÍP»PsC,PsCḥ (PḥPŸPḥ) CÍ PrPsP·C- 75Bḥ"325 PjPi PSP° PrPsP±CÍ). PhCÍPeC-P»CHḥPePë P·P°CÍC,PsCÍCÍPIP°PSPSCḐ P±C-P»CHḥCë PIPëCÍPsPePëC... PrPsP· PḥPŸPḥ PîC-PrPIPëC%oCÍC" CḥPëP·PëPe PeCḥPsPIPsC,PµC†C-, CḥPµPePsPjPµPSPPrCÍC"C,CHḥCÍCḐ PSPµ PîPµCḥPµPIPëC%oCÍPIP°C,Pë PrPsP·CÍ PḥPŸPḥ 100 PjPi. PhPîC,PëPjP°P»CHḥPSP° C,CḥPëPIP°P»C-CÍC,CHḥ P»C-PeCÍPIP°PSPSCḐ C,,PsCḥPjP°P»CHḥPSPs PSPµ PICÍC,P°PSPsPIP»PµPSP°. P PµP·CÍP»CHḥC,P°C,Pë PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSCḥ CÍPIC-PrC†P°C,CHḥ PSP° PePsCḥPëCÍC,CHḥ P·P°CÍC,PsCÍCÍPIP°PSPSCḐ PîCḥPµPîP°CḥP°C,CÍ PrPs 12 PjC-CÍCḐC†C-PI, P° PjP°PeCÍPëPjP°P»CHḥPSPëPNë PµC,,PµPeC, CÍPîPsCÍC,PµCḥC-PîP°PICÍCḐ C†PµCḥPµP· 3 PjC-CÍCḐC†C- P»C-PeCÍPIP°PSPSCḐ.

PḥP°C†C-C''PSC,P°Pj C-P· PiPsCÍC,CḥPëPj C-PSC,,P°CḥPeC,PsPj PjC-PsPeP°CḥPrP° P· PîC-PrPNëPsPjPsPj CÍPµPiPjPµPSC,P° ST, CḐPeC- PsC,CḥPëPjCÍCḥC,CHḥ PjPµPrPëPeP°PjPµPSC,PsP·PSPµ P»C-PeCÍPIP°PSPSCḐ C,P° CḐPePëPj PîPsPeP°P·P°PSP° C,CḥPsPjP±PsP»C-C,PëC†PSP°/C,,C-P±CḥPëPSPsP»C-C,PëC†PSP° C,PµCḥP°PîC-CḐ, PeP»PsPîC-PrPsPiCḥPµP»CHḥ PîCḥPëPNëPjP°C,Pë PîPs 75 PjPi 1 CḥP°P· PSP° PrPsP±CÍ, PîPsC†PëPSP°CḥC†Pë P· PsPrPSPsCḥP°P·PsPIPsC— PSP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSPsC— PrPsP·Pë 300 PjPi CÍ PePsPjP±C-PSP°C†C-C— P· PḥPŸPḥ, C-P· P·P°CÍC,PsCÍCÍPIP°PSPSCḐPj C,CḥPsPjP±PsP»C-C,PëC†PSPëC... PîCḥPµPîP°CḥP°C,C-PI P°P±Ps P±PµP· PSPëC.... P»C-PeCÍPIP°PSPSCḐ C...PIPsCḥPëC... PIC-PePsPj PIC-Pr 75 CḥPsPeC-PI PîPsC†PëPSP°C,Pë P±PµP· PSP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSPsC— PrPsP·Pë PeP»PsPîC-PrPsPiCḥPµP»Cḥ. PḥPsPjP±C-PSPsPIP°PSCÍ C,PµCḥP°PîC-Cḥ CÍP»C-Pr CḥPsP·PiPsC†PëPSP°C,Pë CḐPePsPjPsPiP° CḥP°PSC-CëPµ PîC-CÍP»CḐ PîPsCḐPIPë CÍPëPjPîC,PsPjC-PI C- PîCḥPsPrPsPIP¶CÍPIP°C,Pë PîCḥPëPSP°PNëPjPSC- 4 C,PëP¶PSC-. PḥPsCḥPëCÍC,CHḥ PIC-Pr P·P°CÍC,PsCÍCÍPIP°PSPSCḐ PePsPjP±C-PSP°C†C-C— PeP»PsPîC-PrPsPiCḥPµP»Cḥ P· PḥPŸPḥ PîPsPSP°Pr C†PsC,PëCḥPë C,PëP¶PSC- PîCḥPë C†CHḥPsPjCÍ P·P°C...PIPsCḥCḥPIP°PSPSC- PSPµ PIPëPIC†P°P»P°CÍCḐ.

PîPeC%oPs PîPµCḥPµPrP±P°C†P°C"C,CHḥCÍCḐ PîCḥPsPIPµPrPµPSPSCḐ C†PµCḥPµP·CëPeC-CḥPSPsPiPs PePsCḥPsPSP°CḥPSPsPiPs PIC,CḥCÍC†P°PSPSCḐ (PḥPḥP'):

-B B B B B B B B B PîP°C†C-C''PSC,P°Pj, CḐPePëPj PîCḥPsPIPsPrPëC,CHḥCÍCḐ PîPµCḥPIPëPSPSPµ PḥPḥP', C,P° PîP°C†C-C''PSC,P°Pj, CḐPePëPj PîCḥPsPIPsPrPëC,CHḥCÍCḐ PḥPḥP' P±C-P»CHḥCë PSC-P¶ C†PµCḥPµP· 24 PiPsPrPëPSPë PîC-CÍP»CḐ PsC,CḥPëPjP°PSPSCḐ C,,C-P±CḥPëPSPsP»C-C,PëC†PSPsC— C,PµCḥP°PîC-C—, P·P°CÍC,PsCÍCÍPIP°PSPSCḐ PeP»PsPîC-PrPsPiCḥPµP»Cḥ CÍP»C-Pr PîPsC†PëPSP°C,Pë P· PSP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSPsC— PrPsP·Pë 600 PjPi. PkP°PIP°PSC,P°P¶CÍPIP°P»CHḥPSCÍ

PrPsP·Cf 600 PjPi PiP°C†C-C" PSC, P°Pj PIC-PePsPj PIC-Pr 75 ЧҗPsPeC-PI CГP»C-Pr
PiЧҗPөP·PSP°C‡P°C, Pө P· PsP±PмЧҗPмP¶PSC-CГC, Чҗ (PrPөPI. ЧҗPsP·PrC-P»
B«PhCГPsP±P»PөPIPsCГC, C- P·P°CГC, PsCГCfPIP°PSPSCЦB»);

-B B B B B B B B B PiP°C†C-C" PSC, P°Pj, CЦPePөPj PiЧҗPsPIPsPrPөC, ЧҗCГCЦ P§PљP' Cf
PjPмP¶P°C... 24 PiPsPrPөPS PiC-CГP»CЦ PsC, ЧҗPөPjP°PSPSCЦ
C„C-P±ЧҗPөPSPSP»C-C, PөC‡PSPSc— C, PмЧҗP°PiC-C—, CГP»C-Pr P·P°CГC, PsCГCfPIP°C, Pө
PSP°PIP°PSC, P°P¶CfPIP°P»ЧҗPSCf PrPsP·Cf PeP»PsPiC-PrPsPiЧҗPмP»Чҗ 300 PjPi.

P>C-PeCfPIP°PSPSCЦ PeP»PsPiC-PrPsPiЧҗPмP»PмPj CГP»C-Pr PiЧҗPsPrPsPIP¶CfPIP°C, Pө Cf
PrPsP·C- 75 PjPi PsPrPөPS ЧҗP°P· PSP° PrPsP±Cf Cf PePsPjP±C-PSP°C†C-C— P· PҗPҮPљ. Pj
PeP»C-PSC-C‡PSC-PMө PiЧҗP°PeC, PөC†C- PrC-P°PiP°P·PsPS PiЧҗPөP·PSP°C‡PмPSPSc—
PiC-PrC, ЧҗPөPjCfPIP°P»ЧҗPSPSc— PrPsP·Pө PҗPҮPљ CГC, P°PSPsPIPөC, Чҗ PIC-Pr 75 PjPi PrPs
325 PjPi PSP° PrPsP±Cf. PhCГPeC-P»ЧҗPePө P·P°CГC, PsCГCfPIP°PSPSCЦ P±C-P»ЧҗCө
PIPөCГPsPePөC... PrPsP· PҗPҮPљ PiC-PrPIPөC%oCfC" ЧҗPөP·PөPe PeЧҗPsPIPsC, PмC‡C-,
ЧҗPмPePsPjPмPSPPrCfC" C, ЧҗCГCЦ PSPм PiPмЧҗPмPIPөC%oCfPIP°C, Pө PrPsP·Cf PҗPҮPљ 100
PjPi. PљPsPjP±C-PSPsPIP°PSCf C, PмЧҗP°PiC-Чҗ CГP»C-Pr ЧҗPsP·PiPsC‡PөPSP°C, Pө
CЦPePsPjPsPiP° ЧҗP°PSC-CөPм PiC-CГP»CЦ PiPsCЦPIPө CГPөPjPiC, PsPjC-PI C-
PiЧҗPsPrPsPIP¶CfPIP°C, Pө PrPs 12 PjC-CГCЦC†C-PI.

*P"PsЧҗPsCГP»C- PiP°C†C-C" PSC, Pө P· PҗP†Pҗ CГPмЧҗPмPrPSCҗPsPiPs C, P° PIPөCГPsPePsPiPs
CГC, C‡PiPмPSCЦ ЧҗPөP·PөPeC‡ P°P±Ps PjP°P»PөPj P†P†.*

P"PsЧҗPsCГP»C- PiP°C†C-C" PSC, Pө P· PҗP†Pҗ CГPмЧҗPмPrPSCҗPsPiPs C, P° PIPөCГPsPePsPiPs
CГC, CfPiPмPSCЦ ЧҗPөP·PөPeCf (PiPsPeP°P·PSPөPe P·P° CөPeP°P»PsCҗ ABCD2 3 4) P°P±Ps
PjP°P»PөPj P†P† (PiPsPeP°P·PSPөPe P·P° CөPeP°P»PsCҗ NIHSS f 3) PiPsPIPөPSPSC-
PsC, ЧҗPөPjCfPIP°C, Pө PSP°PIP°PSC, P°P¶CfPIP°P»ЧҗPSCf PrPsP·Cf
PeP»PsPiC-PrPsPiЧҗPмP»Чҗ 300 PjPi, P° PiPsC, C-Pj PiЧҗPsPrPsPIP¶CfPIP°C, Pө
P»C-PeCfPIP°PSPSCЦ PrPsP·PsCҗ 75 PjPi PeP»PsPiC-PrPsPiЧҗPмP»Чҗ PsPrPөPS ЧҗP°P· PSP°
PrPsP±Cf C, P° PҗPҮPљ Cf PrPsP·C- 75Бҗ"100 PjPi PsPrPөPS ЧҗP°P· PSP° PrPsP±Cf.
P>C-PeCfPIP°PSPSCЦ PeP»PsPiC-PrPsPiЧҗPмP»PмPj C, P° PҗPҮPљ CГP»C-Pr PiPsC‡PөPSP°C, Pө
PiЧҗPsC, CЦPiPsPj 24 PiPsPrPөPS PiC-CГP»CЦ PiPsPrC-C— C, P° PiЧҗPsPrPsPIP¶CfPIP°C, Pө
PiЧҗPsC, CЦPiPsPj 21 PrPSCЦ P· PiPsPrP°P»ЧҗCөPsCҗ P°PSC, PөP°PiЧҗPмPiP°PSC, PSPScҗ
PjPsPSPSc, PмЧҗP°PiC-C"Чҗ.

PмP°C†C-C" PSC, P°Pj C-P· C„C-P±ЧҗPөP»CЦC†C-C"Чҗ PiPмЧҗPмPrCГPмЧҗPrCҗ
PeP»PsPiC-PrPsPiЧҗPмP»Чҗ P·P°CГC, PsCГPsPICfPIP°C, Pө PI PsPrPSPsPeЧҗP°C, PSC-PMө
PrPsP±PsPIC-PMө PrPsP·C- 75 PjPi. P P°P·PsPj C-P· PeP»PsPiC-PrPsPiЧҗPмP»PмPj CГP»C-Pr
ЧҗPsP·PiPsC‡P°C, Pө C, P° PiЧҗPsPrPsPIP¶CfPIP°C, Pө P·P°CГC, PsCГCfPIP°PSPSCЦ PҗPҮPљ Cf
PrPsP·C- 75Бҗ"100 PjPi PSP° PrPsP±Cf (PrPөPI. ЧҗPsP·PrC-P»
B«PαP°CҗPjP°PePsP»PsPiC-C‡PSC- PIP»P°CГC, PөPIPsCГC, C-B»).

Pj ЧҗP°P·C- PiЧҗPsPiCfCГPeCf PrPsP·Pө:

Бҗ" CЦPeC%oPs P· PjPsPjPмPSC, Cf, PePsP»Pө PiPsC, ЧҗC-P±PSPs P±CfP»Ps PiЧҗPөPMөPjP°C, Pө
C‡PмЧҗPiPsPICf PrPsP·Cf, PjPөPSCfP»Ps PjPмPSCөPм 12 PiPsPrPөPS, PiP°C†C-C" PSC, PjP°C"
PSPмPiP°PMөPSPs PiЧҗPөPMөPSCЦC, Pө PiЧҗPsPiCfC%oPмPSCf PrPsP·Cf, P° PSP°CГC, CfPiPSCf
PrPsP·Cf PIP¶Pм PiЧҗPөPMөPjP°C, Pө Cf P·PIPөC‡PSPөPMө C‡P°CГ;

Бҗ" CЦPeC%oPs PjPөPSCfP»Ps P±C-P»ЧҗCөPм 12 PiPsPrPөPS, PiP°C†C-C" PSC, PjP°C"
PiЧҗPөPMөPjP°C, Pө PSP°CГC, CfPiPSCf C‡PмЧҗPiPsPICf PrPsP·Cf Cf P·PIPөC‡PSPөPMө C‡P°CГ
C, P° PSPм PiPsPrPIPsCҗPIP°C, Pө PrPsP·Cf P· PjPмC, PsCҗ PePsPjPiPмPSCГCfPIP°PSPSCЦ

[illegible]

C,P°P±P»PëC†C- PSPëP¶C†Pµ. PµPsP±C-C†PSC- C¶PµPëP°C†C-C— C¶PsP·PìPsPrC-P»PµPSC-
P·P° C†PëC†C,PµPjPsC¶ B«P¶C¶PìP°PS-P¶P»P°C†B», C†P°C†C,PsC,P° C—C...
PIPëPSPëPePSPµPSPSC¶ PIPëP·PSP°C†PµPSP° C,P°PePëPj C†PëPSPSpj: C†P°C†C,Ps (≥1/100,
<1/10), PSPµC†P°C†C,Ps (≥1/1000, <1/100), C¶C-PrPePs (≥1/10000, <1/1000), PrC†P¶Pµ
C¶C-PrPePs (<1/10000), C†P°C†C,PsC,P° PSPµPIC-PrPsPjP° (PSPµ PjPsP¶PSP°
PIPëP·PSP°C†PëC,Pë P·P° PSP°C¶PIPSPëPjPë PrP°PSPëPjPë). P°P»C¶ PePsP¶PSPsPiPs
PeP»P°C†C† C†PëC†C,PµPjPë PsC¶PìP°PSC-PI PìPsP±C-C†PSC- C¶PµP°PeC†C-C—
P·P°P·PSP°C†PµPSC- C† PìPsC¶C¶PrPeC† P·PjPµPSC€PµPSPSC¶ C—C...PSC¶PsC—
C†PµC¶PNëPsP·PSPsC†C,C-.

<i>PVPëC†C,PµPjP° B«P¶C¶PìP°PS- PµP»P°C†B»</i>	<i>P¶P°C†C,Ps</i>	<i>PkPµC†P°C†C,Ps</i>	<i>P C-PrPePs</i>	<i>P°C¶Pµ C¶C-PrPePs, C†P°C†C,PsC,P° PSPµPIC-PrPsPjP°*</i>
P— P±PsPeC† PeC¶PsPIC- C,P° P»C-PjC,P°C,PeC†PSPsC— C†PeC†C,PµPjPë		P¶C¶PsPjP±PsC†PeC,PsPµPSC-C¶, P»PµP¶PePsC†PeC,PsPµPSC-C¶, PµPsP·PëPSPsC,C-P»C-C¶	PkPµP¶C,C¶PsPµPµPSC-C¶, PIPeP»C¶C†P°C¶C†Pë C,C¶P¶PeC† PSPµP¶C,C¶PsPµPµPSC-C¶	P¶C¶PsPjP±PsC,PeC†PSP° C,C¶PsPjP±PsC†PeC,PsPµPSC-C†PSP° P¶C¶P¶C†P¶C¶P° (P¶P¶Pµ) (PrPePI. C¶PsP·PrC-P» B«P¶C¶P±P»PëPìPsC†C,C- P·P°C†C,PsC†C†P¶P°PSPSP¶C¶B»), P°P¶P»P°C†C,PeC†PSP° P°PSPµPjC-C¶, P¶P°PSC†PeC,PsPµPµPSC-C¶, P°P¶C¶P°PSC†P»PsC†PeC,PsP°, C,C¶P¶PeP° C,C¶PsPjP±PsC†PeC,PsPµPµPSC-C¶, PSP°P±C†C,P° PìPµPjPsC,C-P»C-C¶ P¶, PìC¶P°PSC†P»PsC†PeC,PsPµPµPSC-C¶, P°PSPµPjC-C¶
P— P±PsPeC† C†PµC¶C†C¶				PVPëPSP·C¶PsPj PµPsC†PSC-C†P° (PIP°P·PsC†P¶P°C†C,PeC†PSP° P°P»PµC¶P¶C-C†PSP° C†C,PµPSPsPeP°C¶PrC-C¶/P°P»PµC¶P¶C-C†PSPëP¶ C-PSC,P°C¶PeC, PjC-PsPeP°C¶PrP°) C¶Pe PSP°C†P·C-PrPsPe C¶PµP°PeC†C-C— PjC-PrPIPeC»PµPSPsC— C†C†C,P»PëPìPsC†C,C- PrPs PeP»P¶PIC-PrPsPìC¶PµP»C¶*
P— P±PsPeC† C-PjC†PSPSPsC— C†PeC†C,PµPjPë				PVPëC¶PsPIP°C,PePsPIP° C...PìPsC¶PsP±P°, P°PSP°C,C-P»P°PeC,PsC—PrPSC— C¶PµP°PeC†C-C—, PµPµC¶PµC...C¶PµC†PSP° PjC-PµPµC¶C†C†C,P»PëPIC-C†C,C¶ C,C-C°PSPsPIC-C¶PëPrPePSC-PI (C,P°PePëC... C¶Pe C,PePëP»P¶PIC-PrPëPs, PìC¶P°C†C†PìC¶PµP»C¶) P°P¶PI. C¶PsP·PrC-P» B«P¶C¶P±P»PëPìPsC†C,C- P·P°C†C,PsC†C†P¶P°PSPSP¶C¶B»), P°P¶C,C,PsC-PjC¶PSPSPëP¶ C-PSC†C†P·C-PSPsPìPëP¶ C†PëPSP·C¶PsPj C°»Ps PjPsP¶Pµ PìC¶PëP·PµPµC†C,Pe PrPs C,C¶P¶PePsC— PjC-PìPsPìP·C-PePµPjC-C—, PsC†PsP±P»PëPìPs C† P¶P°C†C-C°PSC,C-PI P· HLA DRA4 PjC-PrC,PëPìPsPj (C¶P°C†C,C-CëPµ Pì C¶PµPSPSC†C¶PeC-P¶ PìPsPìC¶PµC¶C†C-C—)*
PµC†PeC...C-C†PSC- C¶PsP·P»P°PrPe				P°P°P»C¶C¶PëPSP°C†C-C—, C†PµP°C†C,P°PSC-C†C,C¶ C†P¶IC-PrPsPjPsC†C,C- P—PjC-PSP° C†PµP°PePsPìPsPj C†PìC¶PëP¶P¶PSC¶C,C,C¶, P°PµPµPIP·C-C¶
P— P±PsPeC† PSPµC¶PìPìPìPSC— C†PeC†C,PµPjPë		P°PSC†C,C¶C-CëPSC¶Ps-C†PµC¶PµPìPSC- PeC¶PsPìPsC,PµC†C- (C† PrPµC¶PµPeC... PìPëP¶P°PrPeP°C... P¶ P· P»PµC,P°P»C¶PSPëPj PSP°C†P·C-PrPePsPj), PìPsP»PsPìPSPëP¶ P±C-P»C¶, P¶P°C¶PµC†C,PµP·C-C¶, P·P°PìP°PjPsC¶PsC†PµPSPSC¶		
P— P±PsPeC† PsC¶PìP°PSC-PI P·PsC¶C†		PµC¶PsPìPsPìPëP»PëPI Pì PrC-P»C¶PSPeC† PsPeP° (PePsP¶P¶P°C¶PSPeC,PëPIP°P»C¶PSP°, PsPeC†P»C¶C¶PSP° C¶PµC,PePSP°P»C¶PSP°)		P°PµC¶C,PePìPs
P— P±PsPeC† PsC¶PìP°PSC-PI C†P»C†C...C† C, P° P»P°P±C-C¶PëPSC,C†				
P— P±PsPeC† C†C†PrPëPS	P°PµPjP°C,PsPjP°			
P— P±PsPeC† PrPëC...P°P»C¶PSPSC— C†PeC†C,PµPjPë, PsC¶PìP°PSC-PI PìC¶PjC†PrPSPsC— PeP»C-C,PePë C,P° C†PµC¶PµPrPsC†C,C-PSPSC¶		PkPsC†PsPIP° PeC¶PsPìPsC,PµC†P°		P¶C¶PìP¶PeP¶P¶ PeC¶PsPìPsPìPëP»PëPI, PeC¶PsPìPsC,PµC†P° P· PsPìPµC¶P°C†C-P¶PSPsC— C¶P°PSPë, PIP°C†PeC†P»C-C,, P°C¶C,PµC¶C-P°P»C¶PSP° PjC-PìPsC,PµPSP·C-C¶
P— P±PsPeC† CëP»C†PSPePsPìPs- PePëCëPePsPìPsPìPs C,C¶P°PeC,C†	PëP»C†PSPePsPìPs-PePëCëPePsPìP° PeC¶PsPìPsC,PµC†P° PrC-P°C¶PµC¶, P°P±PrPsPjC-PSP°P»C¶PSPëP¶ P±C-P»C¶, PrPeC†PìPµPìC†C-C¶	P°PëC¶P°P·PeP° CëP»C†PSPeP° C,P° PrPIP°PSP°PrC†C¶C,PePìP°P»PsC— PePëCëPePë, PìP°C†C,C¶PëC,, P±P»C¶PìP°PSPSC¶, PSC†PrPsC,P°, P·P°PìPsC¶, PjPµC,PµPSC¶PëP·Pj	P PµC,C¶PsPìPµC¶PëC,PsPSPµP°P»C¶PSPëP¶ PeC¶PsPìPsPìPëP»PëPI	PëP·C†PSPePsPìPs-PePëCëPePsPìC- C,P° C¶PµC, C¶PsPìPµC¶PëC,PsPSPµP°P»C¶PSC- PeC¶PsPìPsC,PµC†C- P· P»PµC,P°P»C¶PSPëPj PSP°C†P·C-PrPePsPj, P¶P°PSPeC¶PµP°C,PeC,, PePsP»C-C, (P·PsPeC¶PµPjP° PìPëC¶P°P·PePsPìPëP¶ P°P±Ps P»C-PjC,PsC†PeC,P°C¶PSPëP¶), C†C,PsPjP°C,PeC, P°PSC†C,C¶P° PìPµC†C-PSPePsPIP° PSPµPrPSC†C,P°C,PSC-C†C,C¶, PìPµPìP°C,PeC,, P°PSPsPjP°P»C¶PSC- C¶PµP·C†P»C¶C,P°C,Pe PìPsPeP°P·PSPëPeC-PI C,C†PSPeC†C-C— PìPµC†C-PSPëPë
P— P±PsPeC† PìPµPìP°C,PsP±C-P»C-P°C¶PSPsC— C†PeC†C,PµPjPë				

P—P±PμCḡC—PiP°C,Pë Cí PSPμPrPsCíC,CíPïPSPsPjCí PrP»Cı PrC—C,PμPNë PjC—CíC†C—.

PJPïP°PePsPIPeP°.

PμPs 14 C,P°P±P»PμC,PsPe Cí P±P»C—CíC,PμCḡC—; PïPs 2 P°P±Ps PïPs 4, P°P±Ps PïPs 6 P±P»C—CíC,PμCḡC—PI Cí PeP°CḡC,PsPSPSC—PNë CíPïP°PePsPIC†C—.

PљP°C,PμPiPsCḡC—Cı PIC—PrPïCíCíPeCí.

P—P° CḡPμC†PμPiC,PsPj.

P’PëCḡPsP±PSPëPe.B

PŷPhP’ B«PљPJPŷPJPњ PɀPhP PњB».

PњC—CíC†PμP•PSP°C...PsPrP¶PμPSPSCı PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCíP° PjC—CíC†Cı PïCḡPsPIP°PrP¶PμPSPSCı PNëPsPiPs PrC—CıP»CHPSPsCíC,C—.

40020, PJPeCḡP°C—PSP°, PŷCíPjCíCHPeP° PsP±P»P°CíC,CH, Pj. PŷCíPjPë, PICíP».
PŷPeCḡCıP±C—PSP°, 54.

P°P±Ps

P’PëCḡPsP±PSPëPe.B

PљPJPŷPJPњ PГP•P»PŷPГPљP•P PıP’Pŷ P»PŷP”/

KUSUM HEALTHCARE PVT LTD.

PњC—CíC†PμP•PSP°C...PsPrP¶PμPSPSCı PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPμCíP° PjC—CíC†Cı PïCḡPsPIP°PrP¶PμPSPSCı PNëPsPiPs PrC—CıP»CHPSPsCíC,C—.

PŷPı-289 (Pђ), P P†P†PљPh P†PSPPrP°CíC,CḡC—P°P» P°CḡPμP°, P§PsPïP°PSPeC—, P’C...C—PIP°PrC—, P”C—CíC,. PhP»PIP°Cḡ (P P°PrP¶P°CíC,P°PS), P†PSPPrC—Cı/

SP-289 (A), RIICO Industrial area, Chopanki, Bhiwadi, Dist. Alwar (Rajasthan), India.

P°P±Ps

P'PëCḡPsP±PSPëPe.

PŷPḡP' B«P“P>P•P”PᄡPḡP Pḡ P>PŷP”B».

**PḡC-CÍC†PḡP•PSP°C...PsPrPḡPḡPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° P°PrCḡPḡCÍP°
PjC-CÍC†Cḡ PïCḡPsPIP°PrPḡPḡPSPSCḡ PNᄡPsPiPs PrC-CḡP»CHḡPSPsCÍC,C-.**

40020, PJPëCḡP°C—PSP°, PŷC†PjCÍCHḡPeP° PsP±P»P°CÍC,CHḡ, Pj. PŷC†PjPë, PIC†P».
P”P°PIPëPrPsPICÍCHḡPePsPiPs P”CḡPëPiPsCḡC-Cḡ, 54.