

P·P°CÍC-P± C-P· C€P€CĤPsPePëPj CÍPíPµPeC,CĤPsPj P±P°PeC,PµCĤPëC†PëPrPSPsC— PrC-C—.
In vitro PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS PµC,,PµPeC,PëPIPSPëPNē C%PsPrPs
P±P°PiP°C,CHPsC... PiCĤP°PjPiPsP·PëC,PëPIPSPëC... C,P° PiCĤP°PjPSPµPiP°C,PëPIPSPëC...
PjC-PeCĤPsPsCĤPiP°PSC-P·PjC-PI.

P·CÍC,P°PSPsPIP»PµPSPs, C%Ps PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS PµC,,PµPeC,PëPIPSPëPNē
C%PsPrPs P±P°PeC,PµCĤC-PNē, CÍC,C-PNēPePëC... PrPs β-P»P°PeC,P°PjPSPëC... C,P°
PjP°PeCĤPsP»C-PrPSPëC... PiCĤPµPiP°CĤP°C,C-PI.

P·P°PeC,PµCĤPëC†PëPrPSP° PrC-CĬ PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSCÍ
CÍPiCĤPëC†PëPSPµPSP° C-PSPiC-P±CÍPIP°PSPSCĬPj PsP±PsC... C,PëPiC-PI P†P†
C,PsPiPsC-P·PsPjPµCĤP°P·Pë (P"RkPĤ-PiC-CĤP°P·P° C,P° C,PsPiPsC-P·PsPjPµCĤP°P·P° IV),
PSPµPsP±C...C-PrPSPëC... PrP»CĬ CĤPµPiP»C-PeP°C†C-C—, C,CĤP°PSCÍPeCĤPëPiC†C-C— C,P°
PIC-PrPSPsPIP»PµPSPSCĬ P±P°PeC,PµCĤC-P°P»CHbPSPsC— P"RkPĤ.

P·PIP°P¶P°CĤC,CH, C%Ps PŸ8-PjPµC,PsPeCÍPë P·P°P»PëC€PsPe CÍPiCĤPëCĬC"
PiPsPeCĤP°C%PµPSPSCĤ P°PeC,PëPIPSPsCÍC,C- C,P° P·PSPëP¶PµPSPSCĤ CÍPµP»PµPeC†C-C—
CĤPµP·PëCÍC,PµPSC,PSPëC... PjCÍC,P°PSC,C-PI PiCĤP°PjPiPsP·PëC,PëPIPSPëC...
P±P°PeC,PµCĤC-PNē PiPsCĤC-PIPSĬPSPs C-P· P·P°P»PëC€PePsPj PŸ8-Pk.
PkP°CĬPIPS-CÍC,CH PIPµP»PëPePsPiPs PrPëC†PëPeP»PsP°PjC-PSPsPIPsPiPs P·P°P»PëC€PeCÍ
PI PiPsP»PsP¶PµPSPSC- PŸ-7 P·P°PiPsP±C-PiP°C" P°PeC,PëPIPSPsPjCÍ PIC-PrC,PsPeCÍ,
PiPsPiĤĤ™ CĬP·P°PSPsPjCÍ P· PiPµPSP°PjPë norA P°P±Ps pmrA, CĬPeC- PIPëCĬPIP»PµPSPs CÍ
PrPµCĬPePëC... PiCĤP°PjPiPsP·PëC,PëPIPSPëC... P±P°PeC,PµCĤC-PNē.

PĤPsPeCÍPëC,,P»PsPeCÍP°C†PëPS PIPsP»PsPrC-C" P·P°P»PµP¶PSPsCĤ PIC-Pr
PePsPSC†PµPSC,CĤP°C†C-C— P±P°PeC,PµCĤPëC†PëPrPSPsCĤ P°PeC,PëPIPS-CÍC,CĤ.
PĤC-PSC-PjP°P»CHbPSC- P±P°PeC,PµCĤPëC†PëPrPSC- PePsPSC†PµPSC,CĤP°C†C-C— (PĤP'PĤ)
P·P°P·PIPëC†P°PNē PIC-PrPiPsPIC-PrP°CĤC,CH PjC-PSC-PjP°P»CHbPSPëPj
C-PSPiC-P±CÍCĤC†PëPj PePsPSC†PµPSC,CĤP°C†C-CĬPj (PĤP†PĤ).

P·PiP»PëPI PSP° PePëC€PePsPICÍ C,,P»PsCĤCÍ CÍ P»CĤPrPµPNē

Pj PrPIPsC... PrPsCÍP»C-PrP¶PµPSPSCĬC... P·P° CÍC†P°CÍC,CĤ PrPsP±CĤPsPIPsP»CHC†C-PI
PiC-CÍP»CĬ PiPµCĤPsCĤP°P»CHbPSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCĬ
PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSCÍ PIC-PrP·PSP°C†P°P»PëCÍCĬ PSPëP¶C†PµPSP°PIPµPrPµPSC-
P·PjC-PSPë CÍ PePëC€PePsPIC-PNē C,,P»PsCĤC-. P—PSPëP¶CÍPIP°P»P°CÍCH
PeC-P»CHbPeC-CÍC,CH *E.coli*, *Bacillus spp.*, *Enterococcus* C,P° *Klebsiella spp.*, P° C,P°PePsP¶
P°PSP°PµCĤPsP±C-PI *Bacteroides vulgatus*, *Bifidobacterium spp.*, *Eubacterium* C,P°
Peptostreptococcus. PŸPiPsCÍC,PµCĤC-PiP°P»PsCÍCĬ PiC-PrPIPëC%PµPSPSCĬ
PeC-P»CHbPePsCÍC,C- *Bacteroides fragilis*. PĤC-P»CHbPeC-CÍC,CH PIPeP°P·P°PSPëC...
PIPëC%Pµ PjC-PeCĤPsPsCĤPiP°PSC-P·PjC-PI PiPsPIPµCĤC,P°P»P°CÍCĬ CÍ PjPµP¶C-
PSPsCĤPjPë CÍPiCĤPsPrPsPIP¶ PrPIPsC... C,PëP¶PSC-PI.

P PµP·PëCÍC,PµPSC,PSC-CÍC,CH

PĤPµC...P°PSC-P·PjPë CĤPµP·PëCÍC,PµPSC,PSPsCÍC,C-, P·P° CĤP°C...CÍPSPsPe CĬPePëC...
C-PSP°PeC,PëPICÍCĤC,CHCÍCĬ PiPµPSC-C†PëP»C-PSPë, C†PµC,,P°P»PsCÍPiPsCĤPëPSPë,
P°PjC-PSPsPiP»C-PePsP·PëPrPë, PjP°PeCĤPsP»C-PrPë C- C,PµC,CĤP°C†PëPeP»C-PSPë, PSPµ
PIPiP»PëPIP°CĤC,CH PSP° P°PSC,PëP±P°PeC,PµCĤC-P°P»CHbPSCÍ PµC,,PµPeC,PëPIPS-CÍC,CH
PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSCÍ. P†PSC€C- PjPµC...P°PSC-P·PjPë
CĤPµP·PëCÍC,PµPSC,PSPsCÍC,C-, C,P°PeC- CĬPe P±P°CĤĤ™ C" CĤPë
PiCĤPsPSPëPePSPµPSPSCĬ (PiPsC€PëCĤPµPSC- CÍ *Pseudomonas aeruginosa*) C,P°

PjPμC...P°PSC-P·PjPë PIC-PrC,PsPeCf, PjPsP¶CfC,CH PIPiP»PëPIP°C,Pë PSP°
C†CfC,P»PëPIC-CfC,CH PrPs PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCf.

PαPsCfPjCfPIP°PSPSCI CfPμP·PëCfC,PμPSC,PSPScfC,C- PrPs
PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCf *in vitro* CfPïPsCfC,PμCfC-PiP°P»Pë C¶Pe
PiPsCfC,CfPiPsPIPëPñ PiCfPsC†PμCf, C¶PePëPñ PiPsP»C¶PiP°C” PI C,PsC†PSPëC...
PjCfC,P°C†C-C¶C... PsP±PsC... C,PëPiC-PI P†P† C,PsPiPsC-P·PsPjPμCfP°P·Pë, P”PκPλ-
PiC-CfP°P·Pë C,P° C,PsPiPsC-P·PsPjPμCfP°P·Pë IV. PñPsPeCfPëC,,P»PsPeCfP°C†PëPS C”
CfP»P°P±PePëPj CfCfP±CfC,CfP°C,PsPj PrP»C¶ PjPμC...P°PSC-P·PjC-PI
P°PeC,PëPIPSPiPs PIC-PrC,PsPeCf Cf PiCfP°PjPïPsP·PëC,PëPIPSPëC...
PjC-PeCfPsPsCfPiP°PSC-P·PjC-PI.

PŸPiPsCfC,PμCfC-PiP°C”C,CHCfC¶ PiPμCfPμC...CfPμCfPSP°
CfPμP·PëCfC,PμPSC,PSC-CfC,CH P· C-PSCëPëPjPë C,,C,PsCfC...C-PSPsP»PsPSP°PjPë.
PhPrPSP°Pe, PsCfPeC-P»CHPePë PjPsPeCfPëC,,P»PsPeCfP°C†PëPS C-PSPiC-P±CfC”
PsP±PëPrPIC- C,PsPiPsC-P·PsPjPμCfP°P·Pë P†P† C,P° IV P·C- CfC...PsP¶PsCf
P°PeC,PëPIPS-CfC,Cf PrPμC¶PePëC... PiCfP°PjPïPsP·PëC,PëPIPSPëC... P±P°PeC,PμCfC-Pñ,
C†C- P±P°PeC,PμCfC-C— PjPsP¶CfC,CH P±CfC,Pë CfPμP·PëCfC,PμPSC,PSPëPjPë PrPs
C-PSCëPëC... C...C-PSPsP»PsPSC-PI, P°P»Pμ C†CfC,P»PëPIPëPjPë PrPs
PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCf.

PñPsPSC,CfPsP»CHPSC- C,PsC†PePë

PŸP°P±P»PëC†C¶ 1

PñP»C-PSC-C†PSC- PñP†Pñ C,P° PePsPSC,CfPsP»CHPSC- C,PsC†PePë PrPëCfPePsPIPsC—
PrPëC,,CfP·C-C— PrP»C¶ PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCf (01.01.2012) P·P° PrP°PSPëPjPë
EUCAST (P,,PICfPsPiPμPñCfCHPePëPñ PePsPjC-C,PμC, P· C,PμCfC,CfPIP°PSPSCI
P°PSC,PëPjC-PeCfPsP±PSPsC— C†CfC,P»PëPIPsCfC,C-)

PñC-PeCfPsPsCfPiP°PSC-P·Pj <i>Staphylococcus spp.</i>	P§CfC,P»PëPIPëPñ ≤ 0,5 PjPi/P» ³ 24 PjPj	P PμP·PëCfC,PμPSC,PSPëPñ > 1 PjPi/P» < 21 PjPj
<i>S. pneumoniae</i>	≤ 0,5 PjPi/P» ³ 22 PjPj	> 0,5 PjPi/P» < 22 PjPj
<i>Streptococcus</i> , PiCfCfPiPë A, B, C, G	≤ 0,5 PjPi/P» ³ 18 PjPj	> 1 PjPi/P» < 15 PjPj
<i>H. influenzae</i>	≤ 0,5 PjPi/P» ³ 25 PjPj	> 0,5 PjPi/P» < 25 PjPj
<i>M. catarrhalis</i>	≤ 0,5 PjPi/P» ³ 23 PjPj	> 0,5 PjPi/P» < 23 PjPj
<i>Enterobacteriaceae</i>	≤ 0,5 PjPi/P» ³ 20 PjPj	> 1 PjPi/P» < 17 PjPj
PñPsPSC,CfPsP»CHPSC- C,PsC†PePë, PSPμ≤ 0,5 PjPi/P» PiPsPiBf™ C¶P·P°PSC- P· PIPëPrPsPj*		> 1 PjPi/P»

* PñPsPSC,CfPsP»CHPSC- C,PsC†PePë, PSPμ PiPsPiBf™ C¶P·P°PSC- P· PIPëPrPsPj, P±CfP»Pë
PIPëP·PSP°C†PμPSC- PiPsP»PsPIPSPëPj C†PëPSPsPj PSP° PiC-PrCfC,P°PIC- PrP°PSPëC...
C,,P°CfPjP°PePsPeC-PSPμC,PëPePë/C,,P°CfPjP°PePsPrPëPSP°PjC-PePë C,P° PSPμ
P·P°P»PμP¶P°C,CH PIC-Pr PiPsCëPëCfPμPSPSCI PñP†Pñ CfPïPμC†PëC,,C-C†PSPëC...
PIPëPrC-PI. P¶C- PrP°PSC- PIPëPePsCfPëCfC,PsPICfCfC,CH C,C-P»CHPePë C%oPsPrPs
PIPëPrC-PI, C¶PePëPj PSPμ PSP°PrP°PIP°P»Pë PePsPSC,CfPsP»CHPSC- C,PsC†PePë P·P°
PsPeCfPμPjPëPjPë PIPëPrP°PjPë, C,P° PSPμ PIPëPePsCfPëCfC,PsPICfCfC,CH C%oPsPrPs

PIPëPrC-PI, Cí CÏPePëC... C-PSC,PµCÏPïCÏPµC,P°C†C-PNëPSC- PeCÏPëC,PµCÏC-C—
PïC-PrP»CÏPiP°CÏC,CH PIPëP·PSP°C†PµPSPSCÏ.

-

PÏC-PeCÏPsP±C-PsP»PsPiC-C†PSP° C†CíC,P»PëPIC-CíC,CH

P§P°CíC,PsC,P° PSP°P±CíC,PsC— CÏPµP·PëCíC,PµPSC,PSPsCíC,C- PjPsP¶Pµ
P·PjC-PSCÏPIP°C,PëCíCÏ P·P°P»PµP¶PSPs PIC-Pr PiPµPsPiCÏP°C,,C-C†PSPsPiPs
CÏPsP·C,P°C€CíPIP°PSPSCÏ CÏPµPiC-PsPSCí C,P° PiCÏPsC,CÏPiPsPj C†P°CíCí,
PIPëP·PSP°C†PµPSPsPiPs PrP»CÏ PïPµPIPSPëC... PIPëPrC-PI PjC-PeCÏPsPsCÏPiP°PSC-P·PjC-PI.
P°P°P¶P°PSPs PjP°C,Pë PrPsCíC,CíPï PrPs P»PsPeP°P»CHPSPsC— C-PSC,,PsCÏPjP°C†C-C—
C%PsPrPs CÏPµP·PëCíC,PµPSC,PSPsCíC,C- PjC-PeCÏPsPsCÏPiP°PSC-P·PjC-PI,
PsCíPsP±P»PëPIPs PiCÏPë P»C-PeCíPIP°PSPSC- C,CÏP¶PePëC... C-PSC,,PµPeC†C-PNë.

PJ CÏP°P·C- PSPµPsP±C...C-PrPSPsCíC,C- CíP»C-Pr P·PIPµCÏC,P°C,PëCíCÏ P·P°
PePsPSCíCíP»CHC,P°C†C-C"Ï PrPs PµPeCíPïPµCÏC,P° P· PiPëC,P°PSCÏ
P°PSC,PëP±C-PsC,PëPePsCÏPµP·PëCíC,PµPSC,PSPsCíC,C-, PePsP»Pë PjC-CíC†PµPIPµ
PrPsPjC-PSCíPIP°PSPSCÏ CÏPµP·PëCíC,PµPSC,PSPsCíC,C- PIPëCÏPIP»CÏC"Ï,CHCíCÏ
PSP°CíC,C-P»CHPePë CíPëP»CHPSPëPj, C%Ps PIPïP»PëPI PïPµPIPSPsPiPs
P»C-PeP°CÏCíCHPePsPiPs P·P°CíPsP±Cí C%PsPSP°PNëPjPµPSC€Pµ PSP° PrPµCÏPeC- PIPëPrPë
C-PSC,,PµPeC†C-PNëPSPëC... P·P±CíPrPSPëPeC-PI P·P°P»PëC€P°C"Ï,CHCíCÏ PiC-Pr
CíCíPjPSC-PIPsPj.

P§CíC,P»PëPIC- PIPëPrPë

PÏPµCÏPsP±PSC- PiCÏP°PjPïPsP·PëC,PëPIPSC- PjC-PeCÏPsPsCÏPiP°PSC-P·PjPë

Gardnerella vaginalis

*Staphylococcus aureus** (C†CíC,P»PëPIPëPNë PrPs PjPµC,PëC†PëP»C-PSCí)

Streptococcus agalactiae (PiCÏCíPïP° B)

Streptococcus milleri PiCÏCíPïP°* (*S. anginosus*, *S. constellatus* C,P° *S. intermedius*)

*Streptococcus pneumoniae**

*Streptococcus pyogenes** (PiCÏCíPïP° A)

Streptococcus viridans PiCÏCíPïP° (*S. viridans*, *S. mutans*, *S. mitis*, *S. sanguinis*, *S. salivarius*,
S. thermophilus)

PÏPµCÏPsP±PSC- PiCÏP°PjPSPµPiP°C,PëPIPSC- PjC-PeCÏPsPsCÏPiP°PSC-P·PjPë

Acinetobacter baumanii

*Haemophilus influenzae**

*Haemophilus parainfluenzae**

Legionella pneumophila

*Moraxella (Branhamella) catarrhalis**

P_hPSP°P_μCT_hPsP±PSC- P_jC-PeCT_hPsPsCT_hPiP°PSC-P·P_jPë

Fusobacterium spp.

Prevotella spp.

P†PSC€C- P_jC-PeCT_hPsPsCT_hPiP°PSC-P·P_jPë

*Chlamydomphila (Chlamydia) pneumoniae**

*Chlamydia trachomatis**

Coxiella burnetii

Mycoplasma genitalium

Mycoplasma hominis

*Mycoplasma pneumoniae**

P'PëPrPë P· P_jPsP¶P»PëPIPsCT_h PSP°P±CfC,PsCT_h CT_hP_μP·PëCfC,P_μPSC,PSC-CfC,CT_h

P_hP_μCT_hPsP±PSC- PiCT_hP°P_jPiPsP·PëC,PëPIPSC- P_jC-PeCT_hPsPsCT_hPiP°PSC-P·P_jPë

*Enterococcus faecalis**

*Enterococcus faecium**

Staphylococcus aureus (P_jP_μC,PëC†PëP»C-PSCT_hP_μP·PëCfC,P_μPSC,PSPëPN_e)

P_hP_μCT_hPsP±PSC- PiCT_hP°P_jPSP_μPiP°C,PëPIPSC- P_jC-PeCT_hPsPsCT_hPiP°PSC-P·P_jPë

*Enterobacter cloacae**

Escherichia coli#*

Klebsiella pneumoniae#*

Klebsiella oxytoca

*Neisseria gonorrhoeae**

*Proteus mirabilis**

P_hPSP°P_μCT_hPsP±PSC- P_jC-PeCT_hPsPsCT_hPiP°PSC-P·P_jPë

*Bacteroides fragilis**

*Peptostreptococcus spp.**

P P_μP·PëCfC,P_μPSC,PSC- PIPëPrPë

PhPμCḡPsP±PSC- PiCḡP°PjPSPμPiP°C,PëPIPSC- PjC-PeCḡPsPsCḡPiP°PSC-P·PjPë

Pseudomonas aeruginosa

* PμCḡPsPrPμPjPsPSCḡC,CḡPsPIP°PSPs P·P°PrPsPIC-P»CHḡPSCḡ P°PeC,PëPIPSC-CḡC,CH
C%PsPrPs PIPiP»PëPICḡ PSP° CḡCḡC,P»PëPIC- CḡC,P°PjPë PiC-Pr CḡP°Cḡ PeP»C-PSC-CḡPSPëC...
PrPsCḡP»C-PrPḡPμPSCḡ Cḡ CḡP°PjPeP°C... P·P°C,PIPμCḡPrPḡPμPSPëC... PeP»C-PSC-CḡPSPëC...
PiPsPeP°P·P°PSCḡ.

PëC,P°PjPë, CḡPeC- PIPëCḡPsP±P»CḡCḡC,CH ESB, C" P·P°P·PIPëCḡP°PNḡ
CḡPμP·PëCḡC,PμPSC,PSPëPjPë PrPs C,,C,PSCḡC...C-PSPsP»PsPSC-PI.

PμPsPeP°P·PSPëPe CḡPμP·PëCḡC,PμPSC,PSPsCḡC,C- > 50 % PI PsPrPSC-PNḡ CḡPë P±C-P»CHḡCḡPμ
PeCḡP°C—PS.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

P'CḡPjPsPeC,CḡPIP°PSPSCḡ C,P° P±C-PsPrPsCḡC,CḡPiPSC-CḡC,CH

PμCḡPë PiPμCḡPsCḡP°P»CHḡPSPsPjCḡ PiCḡPëPNḡPsPjC- PjPsPeCḡPëC,,P»PsPeCḡP°CḡPëPS
CḡPIPëPrPePs C,P° PjP°PNḡPḡPμ PiPsPIPSC-CḡC,Cḡ PICḡPjPsPeC,CḡC"C,CHḡCḡCḡ.
PhP±CḡPsP»CḡC,PSP° P±C-PsPrPsCḡC,CḡPiPSC-CḡC,CH PrPsCḡCḡPiP°C" PjP°PNḡPḡPμ 91 %.

PJ PrC-P°PiP°P·PsPSC- PrPsP· 50Bḡ"800 PjPi PiCḡPë PsPrPSPsCḡP°P·PsPIPsPjCḡ PiCḡPëPNḡPsPjC-
C,P° Cḡ PrPsP·P°C... PiPs 600 PjPi PSP° PrPsP±Cḡ PiCḡPsC,CḡPiPsPj 10 PrC-P±
C,,P°CḡPjP°PePsPeC-PSPμC,PëPeP° C" P»C-PSC-PNḡPSPsCḡ. P C-PIPSPsPIP°PḡPSPëPNḡ CḡC,P°PS
PrPsCḡCḡPiP°C"C,CHḡCḡCḡ PiCḡPsC,CḡPiPsPj C,CḡCHḡPsC... PrPSC-PI. PμC-CḡP»Cḡ
PiCḡPëPNḡPsPjCḡ PiPμCḡPsCḡP°P»CHḡPSPsC— PrPsP·Pë 400 PjPi PjP°PeCḡPëPjP°P»CHḡPSP°
PePsPSCḡPμPSC,CḡP°CḡC-Cḡ Cḡ PeCḡPsPIC- (C_{max}) PrPsCḡCḡPiP°C"C,CHḡCḡCḡ
PiCḡPsC,CḡPiPsPj 0,5Bḡ"4 PiPsPrPëPS C- CḡC,P°PSPsPIPëC,CH 3,1 PjPi/P».
PhP°PeCḡPëPjP°P»CHḡPSP° C,P° PjC-PSC-PjP°P»CHḡPSP° PiP»P°P·PjPsPIC-
PePsPSCḡPμPSC,CḡP°CḡC-C— PI CḡC-PIPSPsPIP°PḡPSPsPjCḡ CḡC,P°PSC- (400 PjPi 1 CḡP°P·
PSP° PrPsP±Cḡ) CḡC,P°PSPsPIP»CḡC,CH 3,2 C,P° 0,6 PjPi/P» PIC-PrPiPsPIC-PrPSPs.

P PsP·PiPsPrC-P»

PhPsPeCḡPëC,,P»PsPeCḡP°CḡPëPS CḡPIPëPrPePs CḡPsP·PiPsPrC-P»CḡC"C,CHḡCḡCḡ PI
PμPeCḡC,CḡP°PIP°CḡPeCḡP»CḡCḡPSPsPjCḡ PiCḡPsCḡC,PSCḡC-, PiC-CḡP»Cḡ
P·P°CḡC,PSCḡCḡPIP°PSPSCḡ PrPsP·Pë 400 PjPi PiP»PsC%P° PiC-Pr
C,,P°CḡPjP°PePsPeC-PSPμC,PëCḡPSPsCḡ PeCḡPëPIPsCḡ B«PePsPSCḡPμPSC,CḡP°CḡC-Cḡ-
CḡP°CḡB» (AUC) CḡC,P°PSPsPIPëC,CH B B B B B B B B B B B B 35 PjPePi/P». PhP±Bḡ™ C"Pj
CḡPsP·PiPsPrC-P»Cḡ PI CḡC-PIPSPsPIP°PḡPSPsPjCḡ CḡC,P°PSC- PrPsCḡC-PIPSCḡC" 2 P»/PePi.
PiPe PICḡC,P°PSPsPIP»PμPSPs PI PμPeCḡPiPμCḡPëPjPμPSC,P°C... *in vitro* C,P° *ex vivo*,
P·PiBḡ™ CḡP·CḡPIP°PSPSCḡ P· P±C-P»PeP°PjPë PeCḡPsPIC- CḡC,P°PSPsPIPëC,CH
PiCḡPëP±P»PëP·PSPs 40-42 % C,P° PSPμ P·P°P»PμPḡPëC,CH PIC-Pr
PePsPSCḡPμPSC,CḡP°CḡC-C— PiCḡPμPiP°CḡP°C,Cḡ.

PḡP°P±P»PëCḡCḡ 2

PμC-PePsPIP° PePsPSCḡPμPSC,CḡP°CḡC-Cḡ (CḡPμCḡPμPrPSC" PiPμPsPjPμC,CḡPëCḡPSPμ)
PiC-CḡP»Cḡ PiPμCḡPsCḡP°P»CHḡPSPsPiPs PiCḡPëPNḡPsPjCḡ PsPrPSPsCḡP°P·PsIPsC— PrPsP·Pë

PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr 400 PjPi.

PÿPeP°PSPëPSP°	PлPsPSC†PμPSC,CтP°C†C-Cl	PнC-CfC†PμPIPëPNë CтC-PIPμPSCн Бт" CтC-PIPμPSCн Cr PïP»P°P·PjC- PeCтPsPIC-
PμP»P°P·PjP°	3,1 PjPi/P»	Бт"
PÿP»PëPSP°	3,6 PjPi/P»	0,75 Бт" 1,3
P'PjC-CfC, PïCrC...PëCтCl	1,6 ¹ PjPi/P»	1,7 ¹
PÿP»PëP·PsPIP° PsP±PsP»PsPSPeP° P±CтPsPSC...C-PI	5,4 PjPi/PePi	1,7 Бт" 2,1
PнP»ЧнPIPμPsP»ClICтPSC- PjP°PeCтPsC,,P°PiPë	56,7 PjPi/PePi	18,6 Бт" 70,0
P C-PrPëPSP° PμPïC-C,PμP»C-P°P»ЧнPSPSc— PIPëCfC,C-P»PePë	20,7 PjPi/P»	5 Бт" 7
P"°PNëPjPsCтPsPIP° PïPsCтPsP¶PSPëPSP°	7,5 PjPi/PePi	2,0
P·C,PjPsC—PrP°P»ЧнPSC- PïP°P·CrC...Pë	8,2 PjPi/PePi	2,1
PкP°P·P°P»ЧнPSC- PïPsP»C-PïPë	9,1 PjPi/PePi	2,6
P†PSC,PμCтCfC,PëC†C-P°P»ЧнPSP° CтC-PrPëPSP°	1,0 ² PjPi/P»	0,8 Бт" 1,4 ^{2,3}
P-C-PSPSc†C- CfC,P°C,PμPIC- PsCтPiP°PSPë*	10,2 ⁴ PjPi/PePi	1,72 ⁴

* PIPSCrC,CтC-CëPSCнPsPIPμPSPSPμ P·P°CfC,PsCfCrPIP°PSPSCl PsPrPSPsCтP°P·PsPIPsC—
PrPsP·Pë 400 PjPi

¹ 10 PiPsPrPëPS PïC-CfP»Cl PIPμPrPμPSPSCl;

² PIC-P»ЧнPSP° PePsPSC†PμPSC,CтP°C†C-Cl;

³ PIC-Pr 3 PiPsPrPëPS PrPs 36 PiPsPrPëPS PïC-CfP»Cl PIPμPrPμPSPSCl PrPsP·Pë;

⁴ PI PeC-PSC†C- C-PSC,,CrP·C-C—.

PнPμC,P°P±PsP»C-P·Pj

PнPsPeCfPëC,,P»PsPeCfP°C†PëPS PïC-PrP»ClPiP°C" P±C-PsC,CтP°PSCfC,,PsCтPjP°C†C-C— II
C,,P°P·Pë C- PIPëPIPsPrPëC,ЧнCfCl P· PsCтPiP°PSC-P·PjCr PSPëCтPeP°PjPë, P° C,P°PePsP¶
C-P· C,,PμPeP°P»C-ClPjPë/P¶PsPIC†Cн ClPe Cr PSPμP·PjC-PSPμPSPsPjCr CfC,P°PSC-, C,P°Pe
C- Cr PIPëPiP»ClPrC- PSPμP°PeC,PëPIPSPëC... CfCrP»ЧнC,,PsCfPïPsP»CrPe (Pн1) C-
PiP»ЧнPePsCтPsPSC-PrC-PI (Pн2). Pн1 C,P° Pн2 C" PjPμC,P°P±PsP»C-C,P°PjPë,
CтPμP»PμPIP°PSC,PSPëPjPë PrP»Cl P»ЧнPrPëPSPë, PsP±PëPrPIP° PIPsPSPë C"
PjC-PeCтPsP±C-PsP»PsPiC-C†PSPs PSPμP°PeC,PëPIPSPëPjPë. PμC-Pr C†P°Cf
PrPsCfP»C-PrP¶PμPSCн in vitro C,P° PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PμPSCн C,,P°P·Pë
P† PSPμ CfPïPsCfC,PμCтC-PiP°P»PsCfCl PjPμC,P°P±PsP»C-C†PSPsC—
C,,P°CтPjP°PePsPeC-PSPμC,PëC†PSPsC— PIP·P°C"PjPsPrC-C— P· C-PSCëPëPjPë
PïCтPμPiP°CтP°C,P°PjPë, P·P°PrC-ClPSPëPjPë Cr P±C-PsC,CтP°PSCfC,,PsCтPjP°C†C-C—
C,,P°P·Pë P† P·P° CrC†P°CfC,Чн C,,PμCтPjPμPSC,C-PI CfPëCfC,PμPjPë C†PëC,PsC...CтPsPjCr
P 450. PнP·PSP°Pe PsPePëCfPSCнPIP°P»ЧнPSPsPiPs PjPμC,P°P±PsP»C-P·PjCr PSPμPjP°C".

P'PëPIPμPrPμPSPSCl P· PsCтPiP°PSC-P·PjCé

PkP° PīC-PrCfC,P°PIC- PrP°PSPēC... PrPsCfP»C-PrP¶PμPSCĤ
 C,,P°CĤPjP°PePsPeC-PSpμC,PēPePē, C¶PeC- PīCĤPsPIPsPrPēP»Pē P·P° CrC‡P°CfC,CĤ
 PīP°C†C-C"°PSC,C-PI C-P· PīPμC‡C-PSPePsPIPsCĤ PSpμPrPsCfC,P°C,PSC-CfC,CĤ (PeP»P°CfC Pĥ -
 PŸ P·P° PeP»P°CfC PēC,,C-PeP°C†C-C"°CĤ P§P°PNēP»PrP°-P¶BĤ™ CĤ), PSpμPjPsP¶P»PēPIPs
 PIPēP·PSP°C‡PēC,Pē, C‡Pē C"° CĤC-P·PSPēC†C¶ PīPsCĤC-PIPSC¶PSPs P·C- P·PrPsCĤPsPIPēPjPē
 PrPsP±CĤPsPIPsP»CĤC†C¶PjPē. PμPsCĤCrCēPμPSPSC¶ C,,CrPSPeC†C-C— PīPμC‡C-PSPePē
 P±CrP»Ps PīPsPIBĤ™ C¶P·P°PSPμ P· P±C-P»CĤCēPsCĤ PrC-C"°CĤ Pĥ1 Cr PīP»P°P·PjC-
 PeCĤPsPIC-, C,PsPrC- C¶Pe PrC-C¶ PIPēC...C-PrPSPsC— P»C-PeP°CĤCfCĤPePsC—
 CĤPμC‡PsPIPēPSPē P±CrP»P° PīPsCĤC-PIPSC¶PSPSPsCĤ P· PrC-C"°CĤ Cr P·PrPsCĤPsPIPēC...
 PrPsP±CĤPsPIPsP»CĤC†C-PI. P"°PsCfC,P°C,PSCHbPsPiPs PrPsCfPIC-PrCr
 PeP»C-PSC-C‡PSPsPiPs P·P°CfC,PsCfCrPIP°PSPSC¶ PjPsPeCfPēC,,P»PsPeCfP°C†PēPSCr PrP»C¶
 P»C-PeCrPIP°PSPSC¶ PīP°C†C-C"°PSC,C-PI C-P· PīPsCĤCrCēPμPSPSC¶PjPē C,,CrPSPeC†C-C—
 PīPμC‡C-PSPePē PSpμPjP°C".

B· P—P°PïP°P»CHßPSC- P·P°C...PIPsCĤCĤPIP°PSPSCĬ PsCĤPiP°PSC-PI PjP°P»PsPiPs C,P°P·P°
PiPsPjC-CĤPSPsPiPs C,P° CĬPµCĤPµPrPSCĤPsPiPs CĬC,CrPiPµPSCĬ C,CĬP¶PePsCĬC,C-
(PIPeP»CĤC±P°CĤC±Pë C-PSC,,PµPeC†C-PNßPSPµ CrCĤP°P¶PµPSPSCĬ PIPµCĤC...PSCĤPsPiPs
PIC-PrPrC-P»Cr CĬC,P°C,PµPIPsC— CĬPëCĬC,PµPjPë Cr P¶C-PSPsPe, Cr C,PsPjCr C±PëCĬP»C-
CĬP°P»CHßPiC-PSPiC-C, C,P° PµPSPrPsPjPµC,CĤPëC,), PSPµ P°CĬPsC†C-PNßPsPIP°PSC- P·
C,CrP±PsPsPIP°CĤC-P°P»CHßPSPëPj P°P±CĬC†PµCĬPsPj C±Pë P°P±CĬC†PµCĬP°PjPë
PsCĤPiP°PSC-PI PjP°P»PsPiPs C,P°P·P°. PÿP°P±P»PµC,PsPIP°PSP° C,,PsCĤPjP°
PiCĤPµPiP°CĤP°C,Cr PßPsPeCĬPµC,PµCĤPs PSPµ CĤPµPePsPjPµPSPrCrC”C,CHCĬCĬ PrP»CĬ
P·P°CĬC,PsCĬCrPIP°PSPSCĬ CĬPe PjPsPSPsC,PµCĤP°PiC-CĬ PiCĤPë P·P°PiP°P»CHßPSPëC...
P·P°C...PIPsCĤCĤPIP°PSPSCĬC... PsCĤPiP°PSC-PI PjP°P»PsPiPs C,P°P·P° PiPsPjC-CĤPSPsPiPs
C,P° CĬPµCĤPµPrPSCĤPsPiPs CĬC,CrPiPµPSCĬ C,CĬP¶PePsCĬC,C-, P°P»Pµ PjPsP¶Pµ
P·P°CĬC,PsCĬPsPICrPIP°C,PëCĬCĬ Cr PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë
PIC-PrPiPsPIC-PrPSPëPjPë P°PSC,PëP±P°PeC,PµCĤC-P°P»CHßPSPëPjPë P·P°CĬPsP±P°PjPë
(PSP°PiCĤPëPeP»P°Pr, C-P· C†PµC,,P°P»PsCĬPiPsCĤPëPSP°PjPë) C±PµCĤPµP·
P·CĤPsCĬC,P°CĤC±Cr CĤPµP·PëCĬC,PµPSC,PSC-CĬC,CH PjPsPeCĬPëC,,P»PsPeCĬP°C†PëPSCr

PrPs *Neisseria gonorrhoeae* (P·P° PIPëPSCİC,PePsPj
PjPsPeCİPëC„P»PsPeCİP°C†PëPSCİPµP·PëCİC,PµPSC,PSPëC... CëC,P°PjC-PI N. *gonorrhoeae*).

PÿP°P±P»PµC,PsPIP°PSCİC C„PsCİPjCİ PİCİPµPİP°CİP°C,Cİ PµPsPeCİPµC,PµCİPs PjPsP¶PSP°
P·P°CİC,PsCİPµPICİPİP°C,Pë PrP»Cİ P·P°PeC-PSC†PµPSPSCİC PeCİCİCİCİCİ
P»C-PeCİPİP°PSPSCİC, PI CİPePsPjCİ CİC,P°CİC,PsPIP° C,PµCİP°PİC-CİC
PİP°CİPµPSC,PµCİP°P»CHPSPsCİ C„PsCİPjPsCİ PjPsPeCİPëC„P»PsPeCİP°C†PëPSCİ
P±CİP»P° PµC„PµPeC,PëPSPsCİ C- PİCİPëP·PSP°C†PµPSP° P·P° C,P°PePëPjPë
PİPsPeP°P·P°PSPSCİPjPë:

– PSPµPiPsCİPİC-C,P°P»CHPSP° PİPSPµPIPjPsPSC-CİC;

– CİCİPëP»P°PrPSPµPSC- C-PSC„PµPeC†C-C— CëPeC-CİPë C,P° PİC-PrCëPeC-CİPSPëC...
CİC,CİCİPëC,CİCİC.

PÿP°P±P»PµC,PsPIP°PSP° C„PsCİPjP° PİCİPµPİP°CİP°C,Cİ PµPsPeCİPµC,PµCİPs PSPµ
CİPµPePsPjPµPSPİCİC„CHCİCİCİ PrP»Cİ CİC,P°CİC,PsPIPµPiPs P»C-PeCİPİP°PSPSCİC
P±CİPrCH-CİPePëC... C-PSC„PµPeC†C-PNë CëPeC-CİPë C,P° PİC-PrCëPeC-CİPSPëC...
CİC,CİCİPëC,CİCİC P°P±Ps Cİ CİP°P·C- C,CİP¶PePsPiPs PİPµCİPµP±C-PİCİ
PSPµPiPsCİPİC-C,P°P»CHPSPsC— PİPSPµPIPjPsPSC-C—.

PÿP»C-Pr P·PIPµCİPSCİC,Pë CİPİP°PİCİ PSP° PsC„C-C†C-PNëPSC- C-PSCİC,CİCİPëC†C-C— P·
PSP°P»PµP¶PSPµPiPs P·P°CİC,PsCİCİPİP°PSPSCİC P°PSC,PëP±P°PeC,PµCİC-P°P»CHPSPëC...
P·P°CİPµP±C-PI.

PµCİPsC,PëPİPsPeP°P·P°PSPSCİC.

– P·C-PrPsPjP° PİC-PİPµCİC†CİC,P»PëPIC-CİC,CH PrPs PjPsPeCİPëC„P»PsPeCİP°C†PëPSCİ
P°P±Ps PrPs C-PSCëPëC... C...C-PSPsP»PsPSC-PI C†Pë PrPs P±CİPrCH-CİPePsC— P·
PrPsPİPsPjC-P¶PSPëC... CİPµC†PsPIPëPS PİCİPµPİP°CİP°C,Cİ.

– P·C-Pe PİP°C†C-C”PSC,P° PrPs 18 CİPsPeC-PI.

– P·P°PİC-C,PSC-CİC,CH P°P±Ps PİPµCİC-PsPr PİPsPrCİPİP°PSPSCİC PİCİCİPrPrCİ (PrPëPI.
CİPsP·PrC-P» B«P—P°CİC,PsCİCİPİP°PSPSCİC Cİ PİPµCİC-PsPr PİP°PİC-C,PSPsCİC,C- P°P±Ps
PİPsPrCİPİP°PSPSCİC PİCİCİPrPrCİB»).

– P—P°C...PIPµCİCİPİP°PSPSCİC CİCİC...PsP¶PëP»CH, PİPsPİBİ™ CİP·P°PSC- P·
P»C-PeCİPİP°PSPSCİCİC C...C-PSPsP»PsPSP°PjPë, PI P°PSP°PjPSPµP·C-.

Pj PİCİPsC†PµCİC- PrPsCİP»C-PrP¶PµPSCİ PİC-CİP»Cİ P·P°CİC,PsCİCİPİP°PSPSCİC
PjPsPeCİPëC„P»PsPeCİP°C†PëPSCİ CİPİPsCİC,PµCİC-PİP°P»PëCİCİ P·PjC-PSPë PI
PµP»PµPeC,CİPsC„C-P·C-PsP»PsPİC-C— CİPµCİC†Cİ Cİ PİPëPİP»CİPrC-
PİPsPrPsPIP¶PµPSPSCİC C-PSC,PµCİPİP°P»Cİ QT. PÿPsPjCİ P· PjC-CİPeCİPİP°PSCİ
P±PµP·PİPµPePë PİCİPµPİP°CİP°C, PİCİPsC,PëPİPsPeP°P·P°PSPëPNë PİP°C†C-C”PSC,P°Pj
C-P·:

- PİCİPsPrP¶PµPSPëPj P°P±Ps PrC-P°PİPSPsCİC,PsPIP°PSPëPj PSP°P±CİC,PëPj

- PiPsC $\overline{C}$ CrC€P μ PSPSC $\overline{C}$ PjP€ P μ P»P μ PeC,C $\overline{C}$ PsP»C-C,PSPsPiPs P $\pm$ P°P»P°PSC $\overline{C}$ Cr,
P·PsPeC $\overline{C}$ P μ PjP° PiC $\overline{C}$ P€ PSP μ C $\overline{C}$ PePsC $\overline{C}$ P€PiPsPIP°PSC-PN ∞ PiC-PiPsPeP°P»C-C”PjC-C—;
- PeP»C-PSC-C $\pm$ PSPs P·PSP°C $\pm$ CrC% ∞ PsC $\overline{C}$ P $\pm$ C $\overline{C}$ P°PrP€PeP°C $\overline{C}$ PrC-C”C $\overline{C}$;
- PeP»C-PSC-C $\pm$ PSPs P·PSP°C $\pm$ CrC% ∞ PsC $\overline{C}$ C $\overline{C}$ P μ C $\overline{C}$ C $\overline{C}$ P μ PIPsC $\overline{C}$ PSP μ PrPsC $\overline{C}$ C,P°C,PSC-C $\overline{C}$ C,C $\overline{C}$
P·C- P·PSP€P¶P μ PSPsC $\overline{C}$ C,,C $\overline{C}$ P°PeC $\overline{C}$ C-C”C $\overline{C}$ PIP€PeP€PrCr P»C-PIPsPiPs C€P»CrPSPsC $\pm$ PeP°;
- C $\overline{C}$ P€PjPiC,PsPjP°C,P€C $\pm$ PSP° P°C $\overline{C}$ P€C,PjC-C $\overline{C}$ PI P°PSP°PjPSP μ P·C-.

$\text{P}_{\mu}\text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}\ddot{\text{P}}\text{P}^{\circ}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}$, $\text{PSP}_{\mu}\text{C}\overline{\text{I}}\text{P}\gg\text{C-Pr P}\cdot\text{P}^{\circ}\text{C}\overline{\text{I}}\text{C}$, $\text{PsC}\overline{\text{I}}\text{PsPICrPIP}^{\circ}\text{C}$, $\text{P}\ddot{\text{e}}\text{PsPrPSPsC}\ddagger\text{P}^{\circ}\text{C}\overline{\text{I}}\text{PSPs P}\cdot$
 $\text{C-PSC}\epsilon\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{P}\ddot{\text{I}}\text{C}\overline{\text{H}}\text{P}_{\mu}\text{P}\ddot{\text{P}}\text{P}^{\circ}\text{C}\overline{\text{H}}\text{P}^{\circ}\text{C}$, $\text{P}^{\circ}\text{PjP}\ddot{\text{e}}$, $\text{C}\overline{\text{I}}\text{P}\epsilon\text{C- P}\ddot{\text{I}}\text{PsPrPsPIP}\overline{\text{I}}\text{CrC}\overline{\text{H}}\text{C}$, $\text{CH}\text{C-PSC}$, $\text{P}_{\mu}\text{C}\overline{\text{H}}\text{PIP}^{\circ}\text{P}\gg\text{QT}$
 $(\text{PrP}\ddot{\text{e}}\text{PI. C}\overline{\text{H}}\text{PsP}\cdot\text{PrC-P}\gg\text{B}\ll\text{P}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC-C}\overline{\text{I}}\text{P}\cdot\text{C-PSC}\epsilon\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{P}\gg\text{C-PeP}^{\circ}\text{C}\overline{\text{H}}\text{C}\overline{\text{I}}\text{CHPeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}$
 $\text{P}\cdot\text{P}^{\circ}\text{C}\overline{\text{I}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{e}}\text{C}$, $\text{P}^{\circ}\text{C-PSC}\epsilon\text{C- PIP}\ddot{\text{e}}\text{PrP}\ddot{\text{e}}\text{PIP}\cdot\text{P}^{\circ}\text{C}''\text{PjPsPrC-PN}\text{B}\gg$).

Pj P·PIbTM CΠP·PeC¹ P· PsP±PjPμPΠPμPSPëPjPë PeP»C-PSC-C†PSPëPjPë PrP°PSPëPjPë
P·P°C¹C,PSC¹C¹PIP°PSPSCΠ PiC¹PμPiP°C¹P°C,C¹ C,P°PePsPΠ PiC¹PsC,PëPiPsPeP°P·P°PSPs
PiP°C†C-C"°PSC,P°Pj C-P· PiPsC¹C¹C€PμPSPSCΠPjPë C„C¹PSPeC†C-C— PiPμC†C-PSPePë
(PeP»P°C¹ C P·P° PeP»P°C¹PëC„C-PeP°C†C-C"°C¹ P§P°PMëP»PrP°-PμbTM C¹) C,P°
PiP°C†C-C"°PSC,P°Pj C-P· PiC-PrPIPëC%PμPSPëPj C¹C-PiPSPμPj C,C¹P°PSC¹P°PjC-PSP°P·
(C¹ 5 C¹P°P·C-PI PIPëC%Pμ PIPμC¹C...PSCbPsC— PjPμPΠC- PSPsC¹PjPë).

$P^{\circ}P^{\circ}C^{\circ}P_jP_sP_rC-C\Pi P^{\circ}C-PSC\epsilon P\ddot{e}P_jP\ddot{e}P\gg C-P\epsilon^{\circ}C\zeta C\acute{I}C\grave{H}P\epsilon P\ddot{e}P_jP\ddot{e}P^{\circ}P^{\circ}C\acute{I}P_sP_{\pm}P^{\circ}P_jP\ddot{e}C,P^{\circ}C-PSC\epsilon C-PIP\ddot{e}P_rP\ddot{e}PIP^{\circ}P^{\circ}C^{\circ}P_jP_sP_rC-PN_0.$

PkPμ PjPsP¶PSP° PIPëPeP»CñC±PëC,Pë P°PrPëC,PëPIPSPëPNë PμC,,PμPeC,
PjPsPeCíPëC,,P»PsPeCíP°C†PëPSCr C,P° C-PSCëPëC... P»C-PeP°CñCíCñPePëC...
P·P°CíPsP±C-PI, CíPeC- PjPsP¶CíC,Cñ CíPíCñPëC±PëPSPëC,Pë PíPsPrPsPIP¶PμPSPSCí
C-PSC,PμCñPIP°P»Cí QT. P'PeP°P·P°PSP° PIP·P°C" PjPsPrC-Cí PjPsP¶Pμ PíCñPëP·PIPμCíC,Pë
PrPs P·P±C-P»CñCëPμPSPSCí CñPëP·PëPeCí CñPsP·PIPëC,PeCí CëP»CíPSPSc±PePsPíC—
P°CñPëC,PjC-C—, PIPeP»CñC±P°CñC±Pë B«PíC-CñCíPμC,PSCrB» CëP»CíPSPSc±PePsPíCí
C,P°C...C-PeP°CñPrC-Cñ (*torsade de pointes*). P†P· C†C-C"C— PíCñPëC±PëPSPë
P·P°CíC,PsCíCíPIP°PSPSCí PjPsPeCíPëC,,P»PsPeCíP°C†PëPSCr Pí PePsPjP±C-PSP°C†C-C— P·
P±CíPrCñ-CíPePëPj C-P· PSPëP¶C±PμP·P°P·PSP°C±PμPSPëC... P»C-PeP°CñCíCñPePëC...
P·P°CíPsP±C-PI PíCñPsC,PëPíPsPeP°P·P°PSPμ (PrPëPI. C,P°PePsP¶ CñPsP·PrC-P»
B«PμCñPsC,PëPíPsPeP°P·P°PSPSCíB»):

– P°PSC, PëP°CḡPëC, PjC–CḡPSC– PïCḡPμPïP°CḡP°C, Pë PëP»P°CḡCḡ PḡPḡ (PSP°PïCḡPëPëP»P°Pḡ, C...C–PSC–PrPëPS, PïC–PrCḡPsC...C–PSC–PrPëPS, PrPëP·PsPïC–CḡP°PjC–Pr);

– P°PSC, PëP°C₇PëC, PjC–C₇PSC– PïC₇P_μPiP°C₇P°C, Pë PeP»P°C₇C₇ P₇P₇P₇ (PSP°PïC₇PëPeP»P°Pr, P°PjC–PsPrP°C₇PsPS, C₇PsC, P°P»PsP», PrPsC,, P_μC, PëP»C–Pr, C–P±C₇C, PëP»C–Pr);

– P°PSC, PëPïCÍPëC...PsC, PëC±PSC– PïCĤPμPïP°CĤP°C, Pë (PSP°PïCĤPëPëP»P°Pr, C,, PμPSPsC, C–P°P·PëPSPë, PïC–PjPsP·PëPr, CÍPμCĤC, PëPSPPrPsP», PiP°P»PsPïPμCĤPëPrPsP», CÍCÍP»CĤC, PsPïCĤPëPr);

– C,C₇H₆PeC†PëPeP»C–C†PSC– P°PSC, PëPrPuPïC₇H₆Cl†P°PSC, Pë;

– PrPμCΠPeC– PīCḡPsC,PēPjC–PeCḡPsP±PSC– P·P°CíPSP±Pē (CíP°PePIC–PSP°PIC–Cḡ,
CíPīP°CḡC,,P»PsPeCíP°C†PēPS, PμCḡPēC,CḡPsPjC–C†PēPS PrP»CΠ
PIPSCíC,CḡC–CēPSCḡPsPIPμPSPSPsPiPs PIPiPμPrPμPSPSCΠ, PīPμPSC,P°PjC–PrPēPS,
PīCḡPsC,PēPjP°P»CΠCḡC–PnēPSC– PīCḡPμPīP°CḡP°C,Pē, P·PsPeCḡPμPjP°
PiP°P»PsC,,P°PSC,CḡPēPS);

– PrPμCΠPeC– P°PSC,PēPiC–CíC,P°PjC–PSPē (C,PμCḡC,,PμPSP°PrPēPS, P°CíC,PμPjC–P·PsP»,
PjC–P·PsP»P°CíC,PēPS);

– C–PSCēC– (C†PēP·P°PīCḡPēPr, PIC–PSPeP°PjC–PS IV, P±PμPīCḡPēPrPēP»,
PrPēC,,PμPjP°PSC–P»).

PḡPsPeCíPēC,,P»PsPeCíP°C†PēPS CíP»C–Pr P· PsP±PμCḡPμPΠPSC–CíC,Cḡ
PīCḡPēP·PSP°C±P°C,Pē PīP°C†C–C”PSC,P°Pj, CΠPeC– PīCḡPēPnēPjP°CḡC,Cḡ
PīCḡPμPīP°CḡP°C,Pē, C%Ps PjPsPΠCíC,Cḡ P·PSPēPΠCíPīP°C,Pē CḡC–PIPμPSCḡ PeP°P»C–Cḡ
(PSP°PīCḡPēPeP»P°Pr, PīPμC,P»CḡPsPIC– C,P° C,C–P°P·PēPrPSC– PrC–CíCḡPμC,PēPePē,
PeP»C–P·PjPē C,P° PīCḡPsPSPsCíPSC– P·P°CíPSP±Pē (Cí PIPēCíPSPePēC... PrPsP·P°C...),
PePsCḡC,PēPePsCíC,PμCḡPsC—PrPē, P°PjC,,PsC,PμCḡPēC†PēPS P’), P°P±Ps
PīCḡPμPīP°CḡP°C,Pē, PrC–CΠ CΠPePēC... PīPsPIbḡ™ CΠP·P°PSP° P· PeP»C–PSC–C±PSPs
P·PSP°C±CíC%PsCḡ P±CḡP°PrPēPeP°CḡPrC–C”Cḡ.

PḡC–PΠ PīCḡPēPnēPsPjPsPj PīCḡPμPīP°CḡP°C,C–PI, CΠPeC– PjC–CíC,CΠC,Cḡ
P±C–PIP°P»PμPSC,C– P°P±Ps C,CḡPēPIP°P»PμPSC,PSC– PeP°C,C–PsPSPē (C,P°PePēC... CΠPe
P°PSC,P°C†PēPrPē, C%Ps PjC–CíC,CΠC,Cḡ PjP°PiPSC–Pnē P°P±Ps P°P»CḡPjC–PSC–Pnē,
PrPēPrP°PSPsP·PēPS Cí C,P°P±P»PμC,PeP°C..., CíCíPeCḡP°P»C,,P°C, C,P°
P»C–PeP°CḡCíCḡPeC– P·P°CíPSP±Pē, C%Ps PjC–CíC,CΠC,Cḡ P·P°P»C–P·Ps P°P±Ps C†PēPSPe),
C,P° PjPsPeCíPēC,,P»PsPeCíP°C†PēPSPsPj PSPμPsP±C...C–PrPSPēPnē C–PSC,PμCḡPIP°P»
PīCḡPēP±P»PēP·PSPs 6 PiPsPrPēPS.

PμCḡPē PsPrPSPsC±P°CíPSPsPjCí P·P°CíC,PSCíCíPIP°PSPSC– P°PeC,PēPIPsPIP°PSPsPiPs
PICíPiC–P»P»CΠ C– PjPsPeCíPēC,,P»PsPeCíP°C†PēPSCí PīPμCḡPsCḡP°P»CḡPSPs PI PrPsP·C–
400 PjPi CíPēCíC,PμPjPSP° P±C–PsPrPsCíC,CíPīPSC–CíC,Cḡ PīCḡPμPīP°CḡP°C,Cí
P·PSPēPΠCíC”C,CḡCíCΠ P±C–P»CḡCē PSC–PΠ PSP° 80 % PIPSP°CíP»C–PrPsPe
PīCḡPēPiPSC–C±PμPSPSCΠ PnēPsPiPs P°P±CíPSCḡP±C†C–C—. PJ P·PIbḡ™ CΠP·PeCí P· C†PēPj
PsPrPSPsC±P°CíPSPμ P·P°CíC,PSCíCíPIP°PSPSCΠ C†PēC... PrPIPsC... PīCḡPμPīP°CḡP°C,C–PI
PSPμ CḡPμPePsPjPμPSPPrPsPIP°PSPμ (P·P° PIPēPSCΠC,PePsPj PIPēPīP°PrPeC–PI
PīPμCḡPμPrPsP·CíPIP°PSPSCΠ, PrPēPI. C,P°PePsPΠ CḡPsP·PrC–P»
B«PμPμCḡPμPrPsP·CíPIP°PSPSCΠB»).

PμC–CíP»CΠ P±P°PiP°C,PSCḡP°P·PsPIPsPiPs P·P°CíC,PSCíCíPIP°PSPSCΠ
PjPsPeCíPēC,,P»PsPeCíP°C†PēPSCí Cí P·PrPsCḡPsPIPēC... PrPsP±CḡPsPIPsP»CḡC†C–PI
CíPiPsCíC,PμCḡC–PiP°P»PsCíCΠ P·P±C–P»CḡCēPμPSPSCΠ PŸ_{max} PrPēPiPsPeCíPēPSCí
PīCḡPēP±P»PēP·PSPs PSP° 30 % Cí CḡC–PIPSPsPIP°PΠPSPsPjCí CíC,P°PSC– P±PμP·
PIPīP»PēPICí PSP° AUC. PḡC,PΠPμ, PīPsC,CḡPμP±Pē Cí P·P°CíC,PμCḡPμPΠPSPēC...
P·P°C...PsPrP°C... PīCḡPē CíCíPiCíC,PSCHPsPjCí PīCḡPēPnēPsPjC– PrPēPiPsPeCíPēPSCí
PSPμPjP°C”.

PμC–Pr C±P°Cí PrPsCíP»C–PrPΠPμPSCḡ P·P° CíC±P°CíC,Cḡ PrPsP±CḡPsPIPsP»CḡC†C–PI,
C...PIPsCḡPēC... PSP° PrC–P°P±PμC,, PsPrPSPsC±P°CíPSPμ P·P°CíC,PSCíCíPIP°PSPSCΠ
PjPsPeCíPēC,,P»PsPeCíP°C†PēPSCí PīPμCḡPsCḡP°P»CḡPSPs C,P°
PiP»C–P±PμPSPeP»P°PjC–PrCí PīCḡPēP·PIPsPrPēP»Ps PrPs P·PSPēPΠPμPSPSCΠ
PePsPSC†PμPSC,CḡP°C†C–C— PiP»C–P±PμPSPeP»P°PjC–PrCí PSP° PīC–PePsPIPsPjCí CḡC–PIPSC–

$\text{P}\ddot{\text{C}}\text{H}\text{P}\ddot{\text{e}}\text{P}\pm\text{P}\gg\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSPs}\text{PSP}^\circ 21\%.$ $\text{P}\text{h}\text{P}\text{sPjP}\pm\text{C}-\text{PSP}^\circ\text{C}\dagger\text{C}-\text{C}\ddot{\text{I}}\text{P}\text{P}\gg\text{C}-\text{P}\pm\text{P}\mu\text{PSPeP}\gg\text{P}^\circ\text{PjC}-\text{PrCr}\text{P}\cdot$
 $\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSPsPjC},\text{P}\mu\text{PsC}\ddot{\text{H}}\text{P}\mu\text{C},\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSPsPjPsP}\text{P}\mu\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PIP}\mu\text{C}\ddot{\text{I}}\text{C},\text{P}\ddot{\text{e}}$
 $\text{PrPsPSP}\mu\text{P}\cdot\text{PSP}^\circ\text{C}\ddagger\text{PSPsC}-\text{PePsC}\ddot{\text{H}}\text{PsC},\text{PePsC},\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PIP}^\circ\text{P}\gg\text{PsC}-\text{PiC}-\text{PiP}\mu\text{C}\ddot{\text{H}}\text{PiP}\gg\text{C}-\text{PeP}\mu\text{PjC}-\text{C}-.$
 $\text{P}\text{hPrPSP}^\circ\text{PeP}\cdot\text{PjC}-\text{PSP}\ddot{\text{e}}\text{CrC},\text{P}^\circ\text{C}\ddot{\text{H}}\text{PjP}^\circ\text{PePsPeC}-\text{PSP}\mu\text{C},\text{P}\ddot{\text{e}}\text{C}\dagger\text{C}-,\text{C}\ddot{\text{I}}\text{PeC}-$
 $\text{C}\ddot{\text{I}}\text{PiPsC}\ddot{\text{I}}\text{C},\text{P}\mu\text{C}\ddot{\text{H}}\text{C}-\text{PiP}^\circ\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{C}\ddot{\text{I}},\text{PSP}\mu\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PIPsPrP}\ddot{\text{e}}\text{P}\gg\text{P}\ddot{\text{e}}\text{PrPsP}\cdot\text{PjC}-\text{PS}$
 $\text{C},\text{P}^\circ\text{C}\ddot{\text{H}}\text{PjP}^\circ\text{PePsPrP}\ddot{\text{e}}\text{PSP}^\circ\text{PjC}-\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{C}\dots\text{PiP}^\circ\text{C}\ddot{\text{H}}\text{P}^\circ\text{PjP}\mu\text{C},\text{C}\ddot{\text{H}}\text{C}-\text{PI}(\text{C}\ddot{\text{H}}\text{C}-\text{PIP}\mu\text{PSC}\text{H}$
 $\text{PiP}\gg\text{C}\ddot{\text{H}}\text{PePsP}\cdot\text{P}\ddot{\text{e}}\text{CrPeC}\ddot{\text{H}}\text{PsPIC}-,\text{C}\ddot{\text{H}}\text{C}-\text{PIP}\mu\text{PSC}\text{H}\text{C}-\text{PSC}\ddot{\text{I}}\text{CrP}\gg\text{C}-\text{PSCr}).\text{P}\ddot{\text{y}}\text{P}^\circ\text{PeP}\ddot{\text{e}}\text{PjC}\ddagger\text{P}\ddot{\text{e}}\text{PSPsPj},$
 $\text{PeP}\gg\text{C}-\text{PSC}-\text{C}\ddagger\text{PSPsC}\ddot{\text{H}}\text{P}\mu\text{P}\gg\text{P}\mu\text{PIP}^\circ\text{PSC},\text{PSPsC}-\text{PIP}\cdot\text{P}^\circ\text{C}^\circ\text{PjPsPrC}-\text{C}-\text{PjC}-\text{P}\text{P}$
 $\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSPsPjC},\text{P}^\circ\text{PiP}\gg\text{C}-\text{P}\pm\text{P}\mu\text{PSPeP}\gg\text{P}^\circ\text{PjC}-\text{PrPsPjPSP}\mu$
 $\text{PIP}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{PIP}\gg\text{P}\mu\text{PSPs}.$

$\text{PjPiP}^\circ\text{C}\dagger\text{C}-\text{C}^\circ\text{PSC},\text{C}-\text{PI},\text{C}\ddot{\text{I}}\text{PeC}-\text{PsC},\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PjCrPIP}^\circ\text{P}\gg\text{P}\ddot{\text{e}}\text{PiP}\mu\text{C}\ddot{\text{H}}\text{PsC}\ddot{\text{H}}\text{P}^\circ\text{P}\gg\text{C}\text{H}\text{PSC}-$
 $\text{P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{PePsP}^\circ\text{PiCrP}\gg\text{C}\ddot{\text{I}}\text{PSC},\text{P}\ddot{\text{e}}\text{CrPiPsC}^\circ\text{PrPSP}^\circ\text{PSPSC}-\text{P}\cdot$
 $\text{P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{P}\pm\text{P}^\circ\text{PeC},\text{P}\mu\text{C}\ddot{\text{H}}\text{C}-\text{P}^\circ\text{P}\gg\text{C}\text{H}\text{PSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{PiC}\ddot{\text{H}}\text{P}\mu\text{PiP}^\circ\text{C}\ddot{\text{H}}\text{P}^\circ\text{C},\text{P}^\circ\text{PjP}\ddot{\text{e}},\text{CrC},\text{PsPjCrC}\ddagger\text{P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{P}\gg\text{C}-$
 $\text{P}\cdot\text{C},\text{C},\text{PsC}\ddot{\text{H}}\text{C}\dots\text{C}-\text{PSPsP}\gg\text{PsPSP}^\circ\text{PjP}\ddot{\text{e}},\text{PjP}^\circ\text{PeC}\ddot{\text{H}}\text{PsP}\gg\text{C}-\text{PrP}^\circ\text{PjP}\ddot{\text{e}},\text{C},\text{P}\mu\text{C},\text{C}\ddot{\text{H}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PeP}\gg\text{C}-\text{PSP}^\circ\text{PjP}\ddot{\text{e}},$
 $\text{PePsC},\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PjPsPeC}\ddot{\text{I}}\text{P}^\circ\text{P}\cdot\text{PsP}\gg\text{PsPjC},\text{P}^\circ\text{PrP}\mu\text{C}\ddot{\text{I}}\text{PeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{C}\dagger\text{P}\mu\text{C},\text{P}^\circ\text{P}\gg\text{PsC}\ddot{\text{I}}\text{PiPsC}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PSP}^\circ\text{PjP}\ddot{\text{e}},$
 $\text{PIC}-\text{PrP}\cdot\text{PSP}^\circ\text{C}\ddagger\text{P}^\circ\text{P}\gg\text{P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{C}\ddot{\text{I}}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{P}\gg\text{P}\mu\text{PSPSC}-\text{PIP}\ddot{\text{e}}\text{PiP}^\circ\text{PrPeP}\ddot{\text{e}}\text{PiC}-\text{PrPIP}\ddot{\text{e}}\text{C}\%_{\text{P}}\text{P}\mu\text{PSPSC}\ddot{\text{I}}$
 $\text{P}^\circ\text{PSC},\text{P}\ddot{\text{e}}\text{PePsP}^\circ\text{PiCrP}\gg\text{C}\ddot{\text{I}}\text{PSC},\text{PSPsC}-\text{P}^\circ\text{PeC},\text{P}\ddot{\text{e}}\text{PIPSPsC}\ddot{\text{I}}\text{C},\text{C}-.\text{P}\text{hP}^\circ\text{PeC},\text{PsC}\ddot{\text{H}}\text{P}^\circ\text{PjP}\ddot{\text{e}}$
 $\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}\ddot{\text{e}}\text{PeCrC}^\circ\text{C}-\text{PSC},\text{P}\mu\text{PeC}\dagger\text{C}-\text{P}\text{hPSC}-\text{P}\cdot\text{P}^\circ\text{C}\dots\text{PIP}\text{sC}\ddot{\text{H}}\text{C}\ddot{\text{H}}\text{PIP}^\circ\text{PSPSC}\ddot{\text{I}}(\text{C}-$
 $\text{C}\ddot{\text{I}}\text{CrPiCrC},\text{PSC}-\text{P}\text{hP}\cdot\text{P}^\circ\text{PiP}^\circ\text{P}\gg\text{C}\text{H}\text{PSP}\ddot{\text{e}}\text{P}\text{hP}\ddot{\text{e}}\text{PiC}\ddot{\text{H}}\text{PsC}\dagger\text{P}\mu\text{C}\ddot{\text{I}}),\text{PIC}-\text{PeC},\text{P}^\circ\text{P}\cdot\text{P}^\circ\text{PiP}^\circ\text{P}\gg\text{C}\text{H}\text{PSP}\ddot{\text{e}}\text{P}\text{hP}\ddot{\text{e}}$
 $\text{C}\ddot{\text{I}}\text{C},\text{P}^\circ\text{PSPiP}^\circ\text{C}\dagger\text{C}-\text{C}^\circ\text{PSC},\text{P}^\circ.\text{PjP}\cdot\text{PiP}\text{hP}^\circ\text{C}\ddot{\text{I}}\text{P}\cdot\text{PeCrP}\cdot\text{C}\dagger\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{PsP}\pm\text{C}\ddot{\text{I}}\text{C},\text{P}^\circ\text{PIP}\ddot{\text{e}}\text{PSP}^\circ\text{PjP}\ddot{\text{e}}$
 $\text{PIP}^\circ\text{P}\text{P}\text{PePsPsC}\dagger\text{C}-\text{PSP}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}},\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{PiC}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{PSC}\ddot{\text{I}}\text{C}^\circ\text{C}-\text{PSC},\text{C}-\text{PeCrPIP}^\circ\text{PSPSC}\ddot{\text{I}}\text{P}^\circ\text{P}\pm\text{Ps}$
 $\text{P}\gg\text{C}-\text{PeCrPIP}^\circ\text{PSPSC}\ddot{\text{I}}\text{PIC}-\text{PrC}\dots\text{P}\ddot{\text{e}}\text{P}\gg\text{P}\mu\text{PSPSC}\ddot{\text{I}}\text{PiPsPeP}^\circ\text{P}\cdot\text{PSP}\ddot{\text{e}}\text{PeP}^\circ\text{PjC}-\text{P}\text{P}\text{PSP}^\circ\text{C}\ddot{\text{H}}\text{PsPrPSPsPiPs}$
 $\text{PSPsC}\ddot{\text{H}}\text{PjP}^\circ\text{P}\gg\text{C}-\text{P}\cdot\text{PsPIP}^\circ\text{PSPsPiPsPIC}-\text{PrPSPsC}\ddot{\text{e}}\text{P}\mu\text{PSPSC}\ddot{\text{I}}(\text{P}\text{hP}\acute{\text{K}}\text{P}').\text{PiPe}$
 $\text{P}\cdot\text{P}^\circ\text{C}\ddot{\text{I}}\text{C},\text{P}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\text{P}\text{PSP}\ddot{\text{e}}\text{P}\text{hP}\cdot\text{P}^\circ\text{C}\dots\text{C}-\text{PrPjPsP}\text{P}\gg\text{P}\ddot{\text{e}}\text{PIP}\ddot{\text{e}}\text{P}\text{hP}\cdot\text{C}\ddagger\text{P}^\circ\text{C}\ddot{\text{I}}\text{C},\text{C}-\text{C}\ddot{\text{e}}\text{P}\ddot{\text{e}}\text{P}\text{hP}\cdot$
 $\text{PjPsPSC}-\text{C},\text{PsC}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PSPiP}\text{hP}\acute{\text{K}}\text{P}'.\text{PjC}\ddot{\text{H}}\text{P}^\circ\text{P}\text{C}-\text{PSP}\mu\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPsC}\ddot{\text{I}}\text{C},\text{C}-\text{C}\ddot{\text{I}}\text{P}\gg\text{C}-\text{Pr}$
 $\text{PiC}\ddot{\text{H}}\text{PsPIP}\mu\text{C}\ddot{\text{I}}\text{C},\text{P}\ddot{\text{e}}\text{PSP}^\circ\text{P}\gg\text{P}\mu\text{P}\text{P}\text{PSP}\mu\text{PePsC}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PiCrPIP}^\circ\text{PSPSC}\ddot{\text{I}}\text{PrPsP}\cdot\text{P}\ddot{\text{e}}$
 $\text{PiP}\mu\text{C}\ddot{\text{H}}\text{PsC}\ddot{\text{H}}\text{P}^\circ\text{P}\gg\text{C}\text{H}\text{PSPsPiPsPePsP}^\circ\text{PiCrP}\gg\text{C}\ddot{\text{I}}\text{PSC},\text{P}^\circ.$

$\text{P}^\circ\text{P}\gg\text{C}\ddot{\text{I}}\text{PSP}\ddot{\text{e}}\text{P}\text{P}\text{C}\ddagger\text{P}\mu\text{PSP}^\circ\text{PIP}\mu\text{PrP}\mu\text{PSP}\ddot{\text{e}}\text{C}\dots\text{C}\ddot{\text{H}}\text{P}\mu\text{C}\ddagger\text{PsPIP}\ddot{\text{e}}\text{PS}\text{P}\pm\text{CrP}\gg\text{P}^\circ\text{PrPsPIP}\mu\text{PrP}\mu\text{PSP}^\circ$
 $\text{PIC}-\text{PrC}\ddot{\text{I}}\text{CrC},\text{PSC}-\text{C}\ddot{\text{I}}\text{C},\text{C}\text{H}\text{PeP}\gg\text{C}-\text{PSC}-\text{C}\ddagger\text{PSPsP}\cdot\text{PSP}^\circ\text{C}\ddagger\text{CrC}\%_{\text{P}}\text{PsC}-\text{PIP}\cdot\text{P}^\circ\text{C}^\circ\text{PjPsPrC}-\text{C}-\text{P}\cdot$
 $\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSPsPjC}:\text{C}\ddot{\text{H}}\text{P}^\circ\text{PSC}-\text{C},\text{P}\ddot{\text{e}}\text{PrP}\ddot{\text{e}}\text{PS},\text{PeP}^\circ\text{P}\gg\text{C}\text{H}\text{C}\dagger\text{C}-\text{C}^\circ\text{PIC}-$
 $\text{PrPsP}\pm\text{P}^\circ\text{PIPeP}\ddot{\text{e}},\text{C},\text{P}\mu\text{PsC},\text{C}-\text{P}\gg\text{C}-\text{PS},\text{PiP}\mu\text{C}\ddot{\text{H}}\text{PsC}\ddot{\text{H}}\text{P}^\circ\text{P}\gg\text{C}\text{H}\text{PSC}-\text{PePsPSC},\text{C}\ddot{\text{H}}\text{P}^\circ\text{C}\dagger\text{P}\mu\text{PiC},\text{P}\ddot{\text{e}}\text{PIP}\ddot{\text{e}},$
 $\text{C}\dagger\text{P}\ddot{\text{e}}\text{PeP}\gg\text{PsC}\ddot{\text{I}}\text{PiPsC}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{PS},\text{C}-\text{C},\text{C}\ddot{\text{H}}\text{P}^\circ\text{PePsPSP}^\circ\text{P}\cdot\text{PsP}\gg,\text{PjPsC}\ddot{\text{H}}\text{C},\text{C}-\text{PSPiC}\ddot{\text{H}}\text{P}\ddot{\text{e}}$
 $\text{PiP}^\circ\text{C}\ddot{\text{H}}\text{P}\mu\text{PSC},\text{P}\mu\text{C}\ddot{\text{H}}\text{P}^\circ\text{P}\gg\text{C}\text{H}\text{PSPsPjCrPiPiP}\mu\text{PrP}\mu\text{PSPSC}-,\text{PiC}\ddot{\text{H}}\text{PsP}\pm\text{P}\mu\text{PSP}\mu\text{C}\dagger\text{P}\ddot{\text{e}}\text{Pr}.$
 $\text{P}^\circ\text{PsC}\ddot{\text{I}}\text{P}\gg\text{C}-\text{PrP}\text{P}\mu\text{PSPSC}\ddot{\text{I}}\text{in vitro}\text{C},\text{P}\mu\text{C}\ddot{\text{H}}\text{PjP}\mu\text{PSC},\text{C}-\text{PI}\text{C}\dagger\text{P}\ddot{\text{e}}\text{C},\text{PsC}\dots\text{C}\ddot{\text{H}}\text{PsPjCrP}450\text{Cr}$
 $\text{P}\gg\text{C}\text{HPrP}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{PiC}-\text{PrC},\text{PIP}\mu\text{C}\ddot{\text{H}}\text{PrP}\ddot{\text{e}}\text{P}\gg\text{P}\ddot{\text{e}}\text{PIP}\ddot{\text{e}}\text{C}\%_{\text{P}}\text{P}\mu\text{P}\cdot\text{P}^\circ\text{P}\cdot\text{PSP}^\circ\text{C}\ddagger\text{P}\mu\text{PSP}\mu.\text{P}^\circ\text{P}\mu\text{C}\ddot{\text{H}}\text{CrC}\ddagger\text{P}\ddot{\text{e}}\text{PrPs}$
 $\text{CrPIP}^\circ\text{PiP}\ddot{\text{e}}\text{P}\cdot\text{P}^\circ\text{P}\cdot\text{PSP}^\circ\text{C}\ddagger\text{P}\mu\text{PSC}-\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\cdot\text{CrP}\gg\text{C}\text{H}\text{C},\text{P}^\circ\text{C},\text{P}\ddot{\text{e}},\text{PjP}\mu\text{C},\text{P}^\circ\text{P}\pm\text{PsP}\gg\text{C}-\text{C}\ddagger\text{PSP}^\circ$
 $\text{PIP}\cdot\text{P}^\circ\text{C}^\circ\text{PjPsPrC}-\text{C}\ddot{\text{I}}\text{C}\ddagger\text{P}\mu\text{C}\ddot{\text{H}}\text{P}\mu\text{P}\cdot\text{C},\text{P}\mu\text{C}\ddot{\text{H}}\text{PjP}\mu\text{PSC},\text{P}\ddot{\text{e}}\text{C}\dagger\text{P}\ddot{\text{e}}\text{C},\text{PsC}\dots\text{C}\ddot{\text{H}}\text{PsPjCrP}450\text{C}^\circ$
 $\text{PjP}^\circ\text{P}\gg\text{PsPIC}-\text{C}\ddot{\text{H}}\text{PsPiC}-\text{PrPSPsC}\text{h}.$

$\text{P}\text{hP}\pm\text{C}\ddot{\text{I}}\text{PsC}\ddot{\text{H}}\text{P}\pm\text{C}\dagger\text{C}-\text{C}\ddot{\text{I}}\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSCrPSP}\mu\text{P}\cdot\text{P}^\circ\text{P}\gg\text{P}\mu\text{P}\text{P}\ddot{\text{e}}\text{C},\text{C}\text{H}\text{PIC}-\text{Pr}$
 $\text{PIP}\text{P}\ddot{\text{e}}\text{PIP}^\circ\text{PSPSC}\ddot{\text{I}}\text{C}-\text{P}\text{P}\text{C}-\text{(PIPeP}\gg\text{C}\text{hC}\ddagger\text{P}^\circ\text{C}\text{hC}\ddagger\text{P}\ddot{\text{e}}\text{PjPsP}\gg\text{PsC}\ddagger\text{PSC}-\text{PiC}\ddot{\text{H}}\text{PsPrCrPeC},\text{P}\ddot{\text{e}}).$
 $\text{P}-\text{PIP}^\circ\text{P}\text{P}^\circ\text{C}\text{hC}\ddagger\text{P}\ddot{\text{e}}\text{PSP}^\circ\text{C}\dagger\text{P}\mu,\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PS}\text{PjPsP}\text{P}\text{PSP}^\circ$
 $\text{P}\cdot\text{P}^\circ\text{C}\ddot{\text{I}}\text{C},\text{PsC}\ddot{\text{I}}\text{PsPICrPIP}^\circ\text{C},\text{P}\ddot{\text{e}}\text{PSP}\mu\text{P}\cdot\text{P}^\circ\text{P}\gg\text{P}\mu\text{P}\text{P}\text{PSPsPIC}-\text{PrPIP}\text{P}\ddot{\text{e}}\text{PIP}^\circ\text{PSPSC}\ddot{\text{I}}\text{C}-\text{P}\text{P}\text{C}-.$

$\text{P}\text{hC}\ddot{\text{I}}\text{PsP}\pm\text{P}\gg\text{P}\ddot{\text{e}}\text{PIPsC}\ddot{\text{I}}\text{C},\text{C}-\text{P}\cdot\text{P}^\circ\text{C}\ddot{\text{I}}\text{C},\text{PsC}\ddot{\text{I}}\text{C}\ddagger\text{PIP}^\circ\text{PSPSC}\ddot{\text{I}}.$

$\text{P}\acute{\text{K}}\text{P}\mu\text{PsP}\pm\text{C}\dots\text{C}-\text{PrPSPsCrPSP}\ddot{\text{e}}\text{PeP}^\circ\text{C},\text{P}\ddot{\text{e}}\text{P}\cdot\text{P}^\circ\text{C}\ddot{\text{I}}\text{C},\text{PsC}\ddot{\text{I}}\text{CrPIP}^\circ\text{PSPSC}\ddot{\text{I}}$
 $\text{PjPsPeC}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{C},\text{P}\gg\text{PsPeC}\ddot{\text{I}}\text{P}^\circ\text{C}\dagger\text{P}\ddot{\text{e}}\text{PSCrPiP}^\circ\text{C}\dagger\text{C}-\text{C}^\circ\text{PSC},\text{P}^\circ\text{Pj},\text{CrC}\ddot{\text{I}}\text{PeP}\ddot{\text{e}}\text{C}\dots\text{PI}$

PjPëPSCrP»PsPjCr CÍPíPsCÍC,PµCḡC-PiP°P»PëCÍCḡ CÍPµCḡPNëPsP·PSC-
PíPsP±C-C±PSC- CḡPµP°PeC†C-C— PíCḡPë P·P°CÍC,PSCÍCrPIP°PSPSC-
P»C-PeP°CḡCÍCHPePëC... P·P°CÍPsP±C-PI, C%Ps PjC-CÍC,CḡC,CH C...C-PSPsP»PsPS
P°P±Ps C,,C,PSCḡC...C-PSPsP»PsPS (PrPëPI. CḡPsP·PrC-P» B«PµPsP±C-C±PSC-
CḡPµP°PeC†C-C—B»). P»C-PeCÍPIP°PSPSCḡ C†PëC... PíP°C†C-C''PSC,C-PI
PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSPsPj CÍP»C-Pr CḡPsP·PíPsC±PëPSP°C,Pë P»PëC€Pµ P·P°
PIC-PrCÍCrC,PSPsCÍC,C- P°P»CHC,PµCḡPSP°C,PëPIPSPëC... PIP°CḡC-P°PSC,C-PI
P»C-PeCÍPIP°PSPSCḡ C,P° PíC-CÍP»Cḡ CḡPµC,PµP»CHPSPsC— PsC†C-PSPePë
CÍPíC-PIPIC-PrPSPsC€PµPSPSCḡ PePsCḡPëCÍC,CH/CḡPëP·PëPe (PrPëPI. C,P°PePsPḡ
CḡPsP·PrC-P» B«PµCḡPsC,PëPíPsPeP°P·P°PSPSCḡB»).

PµPsPIC-PrPsPjP»CḡP»PsCÍCH PíCḡPs PíC-PíPµCḡC±CrC,P»PëPIC-CÍC,CH C-
P°P»PµCḡPíC-C±PSC- CḡPµP°PeC†C-C— PSP° C,,C,PSCḡC...C-PSPsP»PsPSPë,
PIPeP»CḡC±P°CḡC±Pë PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS, PíC-CÍP»Cḡ PíPµCḡC€PsPíPs
P·P°CÍC,PSCÍCrPIP°PSPSCḡ P»C-PeP°CḡCÍCHPePsPíPs P·P°CÍPsP±Cr.
PḡPSP°C,,C-P»P°PeC,PëC±PSC- CḡPµP°PeC†C-C— PjPsPḡCrC,CH
PíCḡPsPíCḡPµCÍCrPIP°C,Pë PrPs P·P°PíCḡPsP·P»PëIPsPíPs PrP»Cḡ PḡPëC,C,Cḡ
P°PSP°C,,C-P»P°PeC,PëC±PSPsPíPs C€PsPeCÍ, PSP°PIC-C,CH PíC-CÍP»Cḡ PíPµCḡC€PsPíPs
P·P°CÍC,PSCÍCrPIP°PSPSCḡ. P' C†PëC... PIPëPíP°PrPeP°C... CÍP»C-Pr PíCḡPëPíPëPSPëC,Pë
PíCḡPëPNëPsPj PíCḡPµPíP°CḡP°C,Cr C,P° CḡPsP·PíPsC±P°C,Pë PIC-PrPíPsPIC-PrPSCr
C,PµCḡP°PíC-Cḡ (PSP°PíCḡPëPeP»P°Pr, PíCḡPsC,PëC€PsPePsPICr).

PµCḡPë P·P°CÍC,PSCÍCrPIP°PSPSC- PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSCr Cr PrPµCḡPePëC...
PíP°C†C-C''PSC,C-PI PjPsPḡP»PëPIPµ P·P±C-P»CHC€PµPSPSCḡ C-PSC,PµCḡPIP°P»Cr QT PSP°
PµP»PµPeC,CḡPsPeP°CḡPrC-PsPíCḡP°PjC- (P·PḡP"). PḡPSP°P»C-P· CḡPµP·CrP»CHC,P°C,C-PI
P·PḡP", PsC,CḡPëPjP°PSPëC... Cr CḡP°PjPeP°C... PíCḡPsPíCḡP°PjPë PeP»C-PSC-C±PSPëC...
PrPsCÍP»C-PrPḡPµPSCḡ, PíPsPeP°P·P°PI, C%Ps PíPsPrPsPIPḡPµPSPSCḡ C-PSC,PµCḡPIP°P»Cr
QTc PíCḡPë P·P°CÍC,PSCÍCrPIP°PSPSC- PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPSCr
CÍC,P°PSPsPIPëP»Ps 6 PjCÍ B± 26 PjCÍ; 1,4 % PíPsCḡC-PIPSḡPSPs P· PIPëC...C-PrPSPëPj
CḡC-PIPSµPj.

PḡCÍPeC-P»CHPePë Cr PḡC-PSPsPe PIC-PrP·PSP°C±P°C''C,CHCÍCḡ PrPsPIC€PëPNë
C-PSC,PµCḡPIP°P» QT PíPsCḡC-PIPSḡPSPs P· C±PsP»PsPIC-PeP°PjPë, PíPsPSPë PjPsPḡCrC,CH
PIPëCḡPIPëC,PëCÍCḡ P±C-P»CHC€ C±CrC,P»PëPIPëPjPë PrPs PíCḡPµPíP°CḡP°C,C-PI, CḡPeC-
PíPsPrPsPIPḡCrCḡC,CH C-PSC,PµCḡPIP°P» QT. PµP°C†C-C''PSC,Pë P»C-C,PSCḡPsPíPs PIC-PeCÍ
C,P°PePsPḡ PjPsPḡCrC,CH P±CrC,Pë P±C-P»CHC€ CÍPíCḡPëPNëPSCḡC,P»PëPIPëPjPë PrPs
P°CÍPsC†C-PNëPsPIP°PSPëC... C-P· PíCḡPµPíP°CḡP°C,PSPj PµC,,PµPeC,C-PI PSP°
C-PSC,PµCḡPIP°P» QT.

PµP°C†C-C''PSC,P°Pj, CḡPeC- PíCḡPëPNëPjP°CḡC,CH PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS,
CÍP»C-Pr P· PsP±PµCḡPµPḡPSC-CÍC,CH P·P°CÍC,PSCÍPsPICrPIP°C,Pë PíCḡPµPíP°CḡP°C,Pë,
C%Ps PjPsPḡCrC,CH PíCḡPëP·PIPµCÍC,Pë PrPs P·PSPëPḡPµPSPSCḡ CḡC-PIPSḡ PeP°P»C-Cḡ
(PrPëPI. CḡPsP·PrC-P»Pë B«PµCḡPsC,PëPíPsPeP°P·P°PSPSCḡB» C,P° B«P·P·C''PjPsPrC-Cḡ P·
C-PSC€PëPjPë P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C''PjPsPrC-PNëB»).

PḡPµPsP±C...C-PrPSPs P· PsP±PµCḡPµPḡPSC-CÍC,CH PíCḡPëP·PSP°C±P°C,Pë
PjPsPeCÍPëC,,P»PsPeCÍP°C†PëPS PíP°C†C''PSC,P°Pj C-P· C,CḡPëPIP°CḡC±PëPj
PíCḡPsP°CḡPëC,PjPsPíPµPSPSPëPj CÍC,P°PSPsPj (PsCÍPsP±P»PëIPs PíP°C†C-C''PSC,P°Pj
P»C-C,PSCḡPsPíPs PIC-PeCÍ C,P° PḡC-PSPeP°Pj PjPsP»PsPrC€PsPíPs PIC-PeCÍ), C,P°PePëPj

$\text{P}_{\mu}\text{PsPIC}-\text{PrPsPjP}\gg\text{C}_{\text{II}}\text{P}\gg\text{PsC}\acute{\text{I}}\text{C}_{\text{II}}\text{P}\ddot{\text{I}}\text{C}_{\text{II}}\text{P}\text{S}\text{C}\text{C},\text{C}_{\text{II}}\text{P}\P\text{PeC}-\text{C}\acute{\text{e}}\text{PeC}-\text{C}_{\text{II}}\text{PSC}-\text{P}\ddot{\text{I}}\text{PsP}\pm\text{C}-\text{C}\ddagger\text{PSC}-\text{C}_{\text{II}}\text{P}_{\mu}\text{P}^{\circ}\text{PeC}\ddagger\text{C}-\text{C}-$ (SCARs), $\text{PIPeP}\gg\text{C}_{\text{II}}\text{C}\ddagger\text{P}^{\circ}\text{C}_{\text{II}}\text{C}\ddagger\text{P}\ddot{\text{e}}\text{C},\text{PsPeC}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}$
 $\text{P}_{\mu}\text{P}\ddot{\text{I}}\text{C}-\text{PrP}_{\mu}\text{C}_{\text{II}}\text{PjP}^{\circ}\text{P}\gg\text{CH}\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}\text{PSP}_{\mu}\text{PeC}_{\text{II}}\text{PsP}\gg\text{C}-\text{P}\cdot$ (TEN: $\text{C},\text{P}^{\circ}\text{PePsP}\P\text{PIC}-\text{PrPsPjP}\ddot{\text{e}}\text{PN}_{\text{e}}$
 $\text{C}_{\text{II}}\text{PeC}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PSP}\text{rC}_{\text{II}}\text{PsPjP}\text{P}\gg\text{P}^{\circ}\text{PN}_{\text{e}}\text{C}''\text{P}\gg\text{P}^{\circ}$), $\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PSP}\text{rC}_{\text{II}}\text{PsPjP}\text{P}\check{\text{Y}}\text{C},\text{C}-\text{PIP}_{\mu}\text{PSC}\acute{\text{I}}\text{P}^{\circ}-\text{P}''\text{P}\P\text{PsPSC}\acute{\text{I}}\text{PsPSP}^{\circ}$ (SJS), $\text{PiPsC}\acute{\text{I}}\text{C},\text{C}_{\text{II}}\text{P}\ddot{\text{e}}\text{PN}_{\text{e}}\text{PiP}_{\mu}\text{PSP}_{\mu}\text{C}_{\text{II}}\text{P}^{\circ}\text{P}\gg\text{C}-\text{P}\cdot\text{PsPIP}^{\circ}\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}$
 $\text{P}_{\mu}\text{PeP}\cdot\text{P}_{\mu}\text{PjP}^{\circ}\text{C},\text{PsP}\cdot\text{PSP}\ddot{\text{e}}\text{PN}_{\text{e}}\text{P}\ddot{\text{I}}\text{C}\text{rC}\acute{\text{I}}\text{C},\text{C}\text{rP}\gg\text{CH}\text{PsP}\cdot$ (AGEP) $\text{C},\text{P}^{\circ}\text{C}-\text{PSP}\text{rC}\text{rPePsPIP}^{\circ}\text{PSC}\text{rP}\gg\text{C}-\text{PeP}^{\circ}\text{C}_{\text{II}}\text{C}\acute{\text{I}}\text{CH}\text{PeP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{P}\cdot\text{P}^{\circ}\text{C}\acute{\text{I}}\text{PsP}\pm\text{P}^{\circ}\text{PjP}\ddot{\text{e}}\text{P}_{\mu}\text{PsP}\cdot\text{P}\ddot{\text{e}}\text{PSPsC},\text{C}-\text{P}\gg\text{C}-\text{C}_{\text{II}}\text{P}\cdot$
 $\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{C},\text{P}_{\mu}\text{PjPSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PjP}\ddot{\text{I}}\text{C},\text{PsPjP}^{\circ}\text{PjP}\ddot{\text{e}}\text{P}$ (DRESS), $\text{C}_{\text{II}}\text{PeC}-\text{PjPsP}\P\text{C}\text{rC},\text{CH}\text{P}\pm\text{C}\text{rC},\text{P}\ddot{\text{e}}\text{PSP}_{\mu}\text{P}\pm\text{P}_{\mu}\text{P}\cdot\text{PiP}_{\mu}\text{C}\ddagger\text{PSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{P}\text{PrP}\gg\text{C}_{\text{II}}\text{P}\P\text{P}\ddot{\text{e}}\text{C},\text{C},\text{C}_{\text{II}}\text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{P}_{\mu}\text{C},\text{P}^{\circ}\text{P}\gg\text{CH}\text{PSP}\ddot{\text{e}}\text{PjP}\ddot{\text{e}}\text{P}$

(PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C‡PSC- CĤPμP°PeC†C-C—B»). PćP° C‡P°CĴ
PĭCĤPëP·PSP°C‡PμPSPSCĴ PĭCĤPμPĭP°CĤP°C,Cŕ PĭP°C†C-C''PSC,C-PI CĴP»C-Pr
PĭPsPĭPμCĤPμPrPëC,Pë PĭCĤPs PsP·PSP°PePë C,P° CĴPëPjPĭC,PsPjPë C,CĴP¶PePëC...
C€PeC-CĤPSPëC... CĤPμP°PeC†C-PNë C,P° CĤPμC,PμP»CHPSPs
PePsPSC,CĤPsP»CĤPIP°C,Pë CĴC,P°PS PĭP°C†C-C''PSC,C-PI. PĴPeC%Ps
P·BĤ™ CĴPIP»CĴCĤC,CHCĴCĴ PsP·PSP°PePë C,P° CĴPëPjPĭC,PsPjPë, C%Ps
CĴPIC-PrC‡P°C,CH PĭCĤPs C†C- CĤPμP°PeC†C-C—, PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPS
CĴP»C-Pr PSPμPĭP°PNëPSPs PĭCĤPëPĭPëPSPëC,Pë, P° C,P°PePsP¶ CĤPsP·PĭP»CĴPSCŕC,Pë
P°P»CHC,PμCĤPSP°C,PëPISPμ P»C-PeCŕPIP°PSPSCĴ. PĴPeC%Ps Cŕ PĭP°C†C-C''PSC,P°
CĤPsP·PIPëPSCŕP»P°CĴCH C,P°PeP° CĴPμCĤPNëPsP·PSP° CĤPμP°PeC†C-CĴ, CĴPe SJS,
TEN, AGEP, P°P±Ps DRESS, PSP° P·P°CĴC,PsCĴCŕPIP°PSPSCĴ
PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPSCŕ, P»C-PeCŕPIP°PSPSCĴ
PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPSPsPj Cŕ C†CHPsPĭPs PĭP°C†C-C''PSC,P° PSC- PI
CĴPePsPjCŕ CĤP°P·C- PSPμ PĭPsPIPëPSPSPs PĭPsPSPsPIP»CĤPIP°C,PëCĴCH.

P'C-PrPsPjPs, C%Ps C...C-PSPsP»PsPSPë PjPsP¶CŕC,CH CĴPĭCĤPsPIPpsPeCŕPIP°C,Pë
CĤPsP·PIPëC,PsPe CĴCŕPrPsPjPSPëC... PSP°PĭP°PrC-PI. PĤPsPeCĴPëC,,P»PsPeCĴP°C†PëPS
CĴP»C-Pr P· PsP±PμCĤPμP¶PSC-CĴC,CH P·P°CĴC,PsCĴPsPICŕPIP°C,Pë PĭP°C†C-C''PSC,P°Pj C-P·
CĤPsP·P»P°PrP°PjPë C†PμPSC,CĤP°P»CHPSPsC— PSPμCĤPIPpsPpsC— CĴPëCĴC,PμPjPë (PĴPćPŸ)
P°P±Ps P· C-PSC€PëPjPë C,,P°PeC,PsCĤP°PjPë CĤPëP·PëPeCŕ, C%Ps PjPsP¶CŕC,CH
CĴPĭCĤPëC‡PëPSPëC,Pë CĴCŕPrPsPjPSC- PSP°PĭP°PrPë P°P±Ps P·PSPëP·PëC,Pë PĭPsCĤC-Pi
PIPëPSPëPePSPμPSPSCĴ PsCĴC,P°PSPSC-C.... PJ CĤP°P·C- PIPëPSPëPePSPμPSPSCĴ CĴCŕPrPsPj
PSPμPsP±C...C-PrPSPs PĭCĤPëPĭPëPSPëC,Pë P·P°CĴC,PsCĴCŕPIP°PSPSCĴ
PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPSCŕ C,P° PIP¶PëC,Pë PIC-PrPĭPsPIC-PrPSPëC... P·P°C...PsPrC-PI.

PJ PĭP°C†C-C''PSC,C-PI, CĴPeC- PĭCĤPëPNëPjP°P»Pë C...C-PSPsP»PsPSPë,
PIPeP»CĤC‡P°CĤC‡Pë PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPS, P·P°C,,C-PeCĴPsPIP°PSPs
PIPëPĭP°PrPePë CĴPμPSCŕPsCĤPSPsC— P°P±PsCĴPμPSCŕPsCĤPSPs-CĤCŕC...PsPpsC—
PĭPsP»C-PSPμPNëCĤPsPĭP°C,C-C—, C%Ps PĭCĤPëP·PIPpsPrPëC,CH PrPs PĭP°CĤPμCĴC,PμP·C-C—,
PiC-PĭPsPμCĴC,PμP·C-C—, PrPëP·PμCĴC,PμP·C-C— P°P±Ps CĴP»P°P±PePsCĴC,C-. PĴPeC%Ps
CĤPsP·PIPëPIP°CĤC,CHCĴCĴ C,P°PeC- CĴPëPjPĭC,PsPjPë PSPμPICĤPsPĭP°C,C-C—, CĴPe
P±C-P»CH, PĭPμC†C-PSPSCĴ, PĭPsPePsP»CĤPIP°PSPSCĴ, PsPSC-PjC-PSPSCĴ P°P±Ps
CĴP»P°P±PeC-CĴC,CH, PĭP°C†C-C''PSC,P°Pj, CĴPeC- PsC,CĤPëPjCŕCĤC,CH
P»C-PeCŕPIP°PSPSCĴ PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPSPsPj, CĴP»C-Pr PĭPsPIC-PrPsPjPëC,Pë
PĭCĤPs C†Pμ P»C-PeP°CĤCĴ, PĭPμCĤC€ PSC-P¶ PĭCĤPsPrPsPIP¶CŕPIP°C,Pë
P»C-PeCŕPIP°PSPSCĴ, C%PsP± P·P°PĭPsP±C-PiC,Pë CĤPsP·PIPëC,PeCŕ PĭPsC,PμPSC†C-PNëPSPs
PSPμP·PIPpsCĤPsC,PSPsPĭPs CĴC,P°PSCŕ (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C‡PSC-
CĤPμP°PeC†C-C—B»).
P PμP°PeC†C-C— P· P±PsPeCŕ PĭCĴPëC...C-PePë PjPsP¶CŕC,CH
CĤPsP·PIPëPIP°C,PëCĴCĴ PSP°PIC-C,CH PĭC-CĴP»CĴ PĭPμCĤC€PsPĭPs
P·P°CĴC,PsCĴCŕPIP°PSPSCĴ C...C-PSPsP»PsPSC-PI, PIPeP»CĤC‡P°CĤC‡Pë
PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPS. PJ CĤC-PrPeC-CĴPSPëC... PIPëPĭP°PrPeP°C...
PrPμPĭCĤPμCĴC-CĴ P°P±Ps PĭCĴPëC...PsC,PëC‡PSC- CĤPμP°PeC†C-C—
PĭCĤPëP·PIPpsPrPëP»Pë PrPs PIPëPSPëPePSPμPSPSCĴ CĴCŕC—C†PëPrP°P»CHPSPëC...
PrCŕPjPsPe C,P° CĤPsP·PIPëC,PeCŕ CĴP°PjPsP°PĭCĤPμCĴC-C—, C,P°PePsC— CĴPe
CĴPĭCĤPsP±P° CĴP°PjPsPĭCŕP±CĴC,PIP° (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C‡PSC-
CĤPμP°PeC†C-C—B»). PJ CĤP°P·C- PIPëPSPëPePSPμPSPSCĴ Cŕ PĭP°C†C-C''PSC,P°
C,P°PePëC... CĤPμP°PeC†C-PNë PSPμPsP±C...C-PrPSPs PĭCĤPëPĭPëPSPëC,Pë

P PμP°PeC†C-C— P· P±PsPeCŕ PĭCĴPëC...C-PePë PjPsP¶CŕC,CH
CĤPsP·PIPëPIP°C,PëCĴCĴ PSP°PIC-C,CH PĭC-CĴP»CĴ PĭPμCĤC€PsPĭPs
P·P°CĴC,PsCĴCŕPIP°PSPSCĴ C...C-PSPsP»PsPSC-PI, PIPeP»CĤC‡P°CĤC‡Pë
PjPsPeCĴPëC,,P»PsPeCĴP°C†PëPS. PJ CĤC-PrPeC-CĴPSPëC... PIPëPĭP°PrPeP°C...
PrPμPĭCĤPμCĴC-CĴ P°P±Ps PĭCĴPëC...PsC,PëC‡PSC- CĤPμP°PeC†C-C—
PĭCĤPëP·PIPpsPrPëP»Pë PrPs PIPëPSPëPePSPμPSPSCĴ CĴCŕC—C†PëPrP°P»CHPSPëC...
PrCŕPjPsPe C,P° CĤPsP·PIPëC,PeCŕ CĴP°PjPsP°PĭCĤPμCĴC-C—, C,P°PePsC— CĴPe
CĴPĭCĤPsP±P° CĴP°PjPsPĭCŕP±CĴC,PIP° (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C‡PSC-
CĤPμP°PeC†C-C—B»). PJ CĤP°P·C- PIPëPSPëPePSPμPSPSCĴ Cŕ PĭP°C†C-C''PSC,P°
C,P°PePëC... CĤPμP°PeC†C-PNë PSPμPsP±C...C-PrPSPs PĭCĤPëPĭPëPSPëC,Pë

P·P°CfC,PsCfCfPIP°PSPSCl PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr C,P° PIP¶PëC,Pë
PIC-PrPiPsPIC-PrPSPëC... P·P°C...PsPrC-PI. P PµPePsPjPµPSPrPsPIP°PSPs P·
PsP±PµCfPµP¶PSC-CfC,Ch PïCfPëP·PSP°C†P°C,Pë PjPsPeCfPëC,,P»PsPeCfP°C†PëPS
PïP°C†C-C°PSC,P°Pj, ClPeC- CfC,CfP°P¶PrP°ChC,Ch PïCfPëC...PsP·PsPj, P°P±Ps
PïP°C†C-C°PSC,P°Pj, ClPeC- PjP°ChC,Ch PI P°PSP°PjPSPµP·C- PïCfPëC...C-C†PSC-
P·P°C...PIPsCfChPIP°PSPSCl.

PJ P·PIbTTM ClIP·PeCf P·C- P·P°CfC,PsCfCfPIP°PSPSClPj P°PSC,PëP±C-PsC,PëPeC-PI
CëPëCfPsPePsPiPs CfPiPµPeC,CfP° PrC-C—, PI C,PsPjCf C†PëCfP»C-
PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr, PiPsPIC-PrPsPjP»ClIP»PsCfCl PïCfPs
PIPëPSPëPePSPµPSPSCl P°PSC,PëP±C-PsC,PëPeP°CfPsC†C-PNëPsPIP°PSPsC— PrC-P°CfPµC—
(PëPëP°) C,P° P°PSC,PëP±C-PsC,PëPeP°CfPsC†C-PNëPsPIP°PSPsPiPs PePsP»C-C,Cr (PëPëP°),
PIPeP»ChC†P°ChC†Pë PïCfPµPIPrPsPjPµPjP±CfP°PSPsP·PSPëPNë PePsP»C-C,, *Clostridium*
difficile-P°CfPsC†C-PNëPsPIP°PSCr PrC-P°CfPµCh, ClPeC- P·P° CfC,CfPiPµPSPµPj
C,ClIP¶PePsCfC,C- PIP°CfC-ChChC,Ch PIC-Pr PiPsPjC-CfPSPsC— PrC-P°CfPµC— PrPs
PePsP»C-C,Cr P· P»PµC,P°P»ChPSPëPj PSP°CfP»C-PrPePsPj. PÿPsPjCf PIP°P¶P»PëPIPs
P·PIP°P¶PëC,Pë PSP° C†PµPNë PrC-P°PiPSPsP· Cr PïP°C†C-C°PSC,C-PI, Cr ClPePëC... PïC-Pr
C†P°Cf P°P±Ps PïC-CfP»Cl P·P°CfC,PsCfCfPIP°PSPSCl PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr
CfPiPsCfC,PµCfC-PiP°C°C,ChCfCl C,ClIP¶PeP° PrC-P°CfPµCl. PµCfPë PïC-PrPsP·CfC-
P°P±Ps PïC-PrC,PIPµCfPrP¶PµPSPSC- PëPëP° P°P±Ps PëPëP° P»C-PeCfPIP°PSPSCl
P°PSC,PëP±P°PeC,PµCfC-P°P»ChPSPëPjPë P·P°CfPsP±P°PjPë, PIPeP»ChC†P°ChC†Pë
PjPsPeCfPëC,,P»PsPeCfP°C†PëPS, CfP»C-Pr PïCfPëPïPëPSPëC,Pë C,P° PSPµPiP°PNëPSPs
PIP¶PëC,Pë PIC-PrPiPsPIC-PrPSPëC... C,PµCfP°PïPµPIC,PëC†PSPëC... P·P°C...PsPrC-PI. P°Ps
C,PsPiPs P¶, PSPµPsP±C...C-PrPSPs PIP¶PëC,Pë PSP°P»PµP¶PSPëC... CfP°PSC-C,P°CfPSPs-
PµPïC-PrPµPjC-C†PSPëC... P·P°C...PsPrC-PI P· PjPµC,PsCh P·PjPµPSCëPµPSPSCl CfPëP·PëPeCf
PïPµCfPµPrP°C†C- P·P°C...PIPsCfChPIP°PSPSCl. PµCfPµPïP°CfP°C,Pë, C%Ps
PïCfPëPïPSC-C†CfChC,Ch PïPµCfPëCfC,P°P»ChC,PëPeCf,
PïCfPsC,PëPïPsPeP°P·P°PSC- PïP°C†C-C°PSC,P°Pj, Cr ClPePëC...
CfPiPsCfC,PµCfC-PiP°C°C,ChCfCl CfPµCfPNëPsP·PSP° PrC-P°CfPµCl.

PëPsPeCfPëC,,P»PsPeCfP°C†PëPS CfP»C-Pr P· PsP±PµCfPµP¶PSC-CfC,Ch
P·P°CfC,PsCfCfPIP°C,Pë PïP°C†C-C°PSC,P°Pj C-P· PjC-P°CfC,PµPSC-C°Ch
PïCfP°PIC-Cf Cr P·PIbTTM ClIP·PeCf P· PjPsP¶P»PëPIC-CfC,Ch
P·P°PiPsCfC,CfPµPSPSCl CfPëPjPïC,PsPjC-PI.

PÿPµPSPrC-PSC-C, C- CfPsP·CfPëPI CfCfC...PsP¶PëP»Ch (PsCfPsP±P»PëPIPs
P°C...C-P»P»PsPIPsPiPs CfCfC...PsP¶PëP»P»Cl), C-PSPsPrC-
P±C-P»P°C,PµCfP°P»ChPSC-, PjPsP¶CfC,Ch CfPiPsCfC,PµCfC-PiP°C,PëCfCl PI
CfP°P·C- P»C-PeCfPIP°PSPSCl P·C- P·P°CfC,PsCfCfPIP°PSPSClPj
C...C-PSPsP»PsPSC-PI, PIPeP»ChC†P°ChC†Pë PjPsPeCfPëC,,P»PsPeCfP°C†PëPS,
PSP°PIC-C,Ch PïCfPsC,ClPiPsPj PïPµCfCëPëC... 48 PiPsPrPëPS PIC-Pr PïPsC†P°C,PeCf
P»C-PeCfPIP°PSPSCl. PµPsPIC-PrPsPjP»ClIP»PsCfCl C,P°PePsP¶ PïCfPs C,P°PeC-
PIPëPïP°PrPePë, C%Ps CfPiPsCfC,PµCfC-PiP°P»PëCfCl C†PµCfPµP·
PrPµPeC-P»ChPeP° PjC-CfClC†C-PI PïC-CfP»Cl PïCfPëPïPëPSPµPSPSCl
P»C-PeCfPIP°PSPSCl. PµC-Pr C†P°Cf C,PµCfP°PïC-C— C...C-PSPsP»PsPSP°PjPë, PI
C,PsPjCf C†PëCfP»C- PjPsPeCfPëC,,P»PsPeCfP°C†PëPSPsPj, C-CfPSCrC°
PïC-PrPIPëC%PµPSPëPNë CfPëP·PëPe CfPsP·PIPëC,PeCf C,PµPSPrPëPSC-C,Cr C,P°
CfPsP·CfPëPICr CfCfC...PsP¶PëP»Ch, P·PsPeCfPµPjP° Cr PïP°C†C-C°PSC,C-PI
P»C-C,PSChPsPiPs PIC-PeCf, PïP°C†C-C°PSC,C-PI C-P· PïPsCfCfCëPµPSPSClPjPë

C,,CfPSPeC†C-C— PSpëCĤPsPe, PiP°C†C-C”PSC,C-PI C-P· C,CĤP°PSC†PiP»P°PSC,P°C†C-C”CĤ
PsCĤPiP°PSC-PI C,P° PiP°C†C-C”PSC,C-PI, CĤPeC- PsPrPSPSc†P°C†PSPs PsC,CĤPëPjCfCĤC,CH
PePsCĤC,PëPePsC†C,PμCĤPsC—PrPë. PÿPsPjCf C†P»C-Pr CfPSPëPeP°C,Pë
PsPrPSPSc†P°C†PSPsPiPs P·P°C†C,PsC†CfPiP°PSPSCĤ PePsCĤC,PëPePsC†C,PμCĤPsC—PrC-PI.

PμCĤPë PiPμCĤCëPëC... C†PëPjPiC,PsPjP°C... C,PμPSPPrPëPSC-C,Cf
(PSP°PiCĤPëPeP»P°Pr, C...PIPsCĤPsP±P»PëPiPëP№ PSP°P±CĤCĤPe,
P·P°PiP°P»PμPSPSCĤ) PiP°C†C-C”PSC,P°Pj C†P»C-Pr PiCĤPëPiPëPSPëC,Pë
P»C-PeCfPiP°PSPSCĤ PjPsPeC†PëC,,P»PsPeC†P°C†PëPSPsPj, P·P°P±PμP·PiPμC†PëC,Pë
C†PiPsPeC-P№ C†CĤP°P¶PμPSC-P№ (-PëPj) PeC-PSC†C-PIC†C- (-PeP°Pj) C,P° PSPμPiP°P№PSPs
P·PiPμCĤPSCfC,PëC†CĤ PrPs P»C-PeP°CĤCĤ PrP»CĤ PsC,CĤPëPjP°PSPSCĤ
PIC-PrPiPsPIC-PrPSPsPiPs P»C-PeCfPiP°PSPSCĤ (PSP°PiCĤPëPeP»P°Pr,
PSP°PeP»P°PrPμPSPSCĤ CëPëPSPë) C†CĤP°P¶PμPSPsPiPs C†CfC...PsP¶PëP»P»CĤ (PrPëPI.
CĤPsP·PrC-P»Pë B«PμCĤPsC,PëPiPsPeP°P·P°PSPSCĤB» C,P° B«PμPsP±C-C†PSC-
CĤPμP°PeC†C-C—B»). PъPsCĤC,PëPePsC†C,PμCĤPsC—PrPë PSPμ P·P°C†C,PsC†PsPICfPiP°C,Pë,
CĤPeC%Ps P·BĤ™ CĤPiP»CĤCĤC,CHC†CĤ PsP·PSP°PePë C,PμPSPPrPëPSPsPiP°C,C-C—.

PĤPSPμPICĤPëP·PjP° C,P° PrPëC†PμPeC†C-CĤ P°PsCĤC,Pë C,P°
CĤPμPiCfCĤPiC-C,P°C†C-CĤ/PSPμPrPsC†C,P°C,PSC-C†C,CH C†PμCĤC†PμPiPsPiPs
PeP»P°PiP°PSP° C†PμCĤC†CĤ

Pj PiCĤPsC†PμC†C- PμPiC-PrPμPjC-PsP»PsPiC-C†PSPëC... PrPsC†P»C-PrP¶PμPSCĤ
P·P°C,,C-PeC†PsPiP°PSPs PiC-PrPiPëC%PμPSPëP№ CĤPëP·PëPe P°PSPμPICĤPëP·PjPë
C,P° PrPëC†PμPeC†C-C— P°PsCĤC,Pë, B PsC†PsP±P»PëPiPs Cf PiP°C†C-C”PSC,C-PI
P»C-C,PSCĤPsPiPs PIC-PeC†, C,P° CĤPμPiCfCĤPiC-C,P°C†C-C— P°PsCĤC,P°P»CHPSPsPiPs P№
PjC-C,CĤP°P»CHPSPsPiPs PeP»P°PiP°PSC-PI PiC-C†P»CĤ P·P°C†C,PsC†CfPiP°PSPSCĤ
C,,C,PsCĤC...C-PSPsP»PsPSC-PI. PμPsPIC-PrPsPjP»CĤP»PsC†CH PiCĤPs PiPëPiP°PrPePë
P°PSPμPICĤPëP·PjPë C,P° PrPëC†PμPeC†C-C— P°PsCĤC,Pë, C-PSPsPrC-
C†C†PeP»P°PrPSPμPSC- CĤPsP·CĤPëPiPsPj (PiPeP»CHC†P°CHC†Pë P»PμC,P°P»CHPSC-
PiPëPiP°PrPePë), C,P° PiCĤPs
CĤPμPiCfCĤPiC-C,P°C†C-CĤ/PSPμPrPsC†C,P°C,PSC-C†C,CH P±C†PrCH-CĤPePsPiPs P·
PeP»P°PiP°PSC-PI C†PμCĤC†CĤ Cf PiP°C†C-C”PSC,C-PI, CĤPeC- PsC,CĤPëPjCfPiP°P»Pë
C,,C,PsCĤC...C-PSPsP»PsPSPë (PrPëPI. CĤPsP·PrC-P» B«PμPsP±C-C†PSC-
CĤPμP°PeC†C-C—B»).

PĤC,P¶Pμ, C,,C,PsCĤC...C-PSPsP»PsPSPë C†P»C-Pr P·P°C†C,PsC†PsPICfPiP°C,Pë P»PëCëPμ
PiC-C†P»CĤ CĤPμC,PμP»CHPSPSc— PsC†C-PSPëPë C†PiC-PIPIC-PrPSPsCëPμPSPSCĤ
PePsCĤPëC†C,CH/CĤPëP·PëPe C,P° PiC-C†P»CĤ CĤPsP·PiP»CĤPrC† C-PSCëPëC...
C,PμCĤP°PiPμPIC,PëC†PSPëC... PiP°CĤC-P°PSC,C-PI P»C-PeCfPiP°PSPSCĤ PiP°C†C-C”PSC,C-PI
C-P· PiPsP·PëC,PëPiPSPëPj C†C-PjPμP№PSPëPj P°PSP°PjPSPμP·PsPj P°PSPμPICĤPëP·PjPë C†Pë
PiCĤPsPrP¶PμPSPsCĤ PiP°PrPsCĤ C†PμCĤC†PμPiPëC... PeP»P°PiP°PSC-PI, P°P±Ps Cf
PiP°C†C-C”PSC,C-PI P· C-C†PSCfCĤC†PëPj PrC-P°PiPSPsP·PsPj P°PSPμPICĤPëP·PjPë
C,P°/P°P±Ps PrPëC†PμPeC†C-C— P°PsCĤC,Pë, P°P±Ps P·P°C...PIPsCĤCĤPiP°PSPSCĤPj
C†PμCĤC†PμPiPsPiPs PeP»P°PiP°PSP°, P°P±Ps P·P° PSP°CĤPiPSPsC†C,C- C-PSCëPëC...
C,,P°PeC,PsCĤC-PI CĤPëP·PëPeC† P°P±Ps C†PiCĤPëCĤC,P»PëPiPëC... CfPjPsPI:

B· CĤPe C- PiCĤPë P°PSPμPICĤPëP·PjC- C,P° PrPëC†PμPeC†C-C— P°PsCĤC,Pë, C,P°Pe
C- PiCĤPë CĤPμPiCfCĤPiC-C,P°C†C-C—/PSPμPrPsC†C,P°C,PSPsC†C,C-
C†PμCĤC†PμPiPsPiPs PeP»P°PiP°PSP° (PSP°PiCĤPëPeP»P°Pr, PiPsCĤCfCëPμPSPSCĤ
C†PiPsP»C†C†PSPSc— C,PeP°PSPëPSPë, C,P°PeC- CĤPe C†PëPSPrCĤPsPj

РѢР°СѢС,,Р°РSP° Р°Р±Рs СГРѢРSPРСѢРsРj Р•Р»РµСѢСГР°-Р"Р°РSP»РsСГР°,
СГРѢРSPРСѢРsРj РЎРµСѢРSPµСѢР°, С...РIPsСѢРsР±Р° Р'РµС...С±РµС,Р°,
РiС-РiРµСѢС,РµРSP•С-СЦ, СѢРµРIPРjР°С,РsС—РrSPРёРNё Р°СѢС,СѢРёС,) Р°Р±Рs
РrPsРrР°С,РeРsРIPs

В· РiСѢРё Р°РSPµРiСѢРёР•РjС- С,Р° РrРёСГРµРeС†С-С— Р°РsСѢС,Рё (РSP°РiСѢРёРeР»Р°Рr,
СГРсРrРёРSPSC- СѢРsР•Р»Р°РrРё, С,Р°РeС- СЦРe Р°СѢС,РµСѢС-С—С, РЎР°РeР°СЦСГРс Р°Р±Рs
РiС-РiР°РSPC,РsРeР»С-С,РёРSPSPРёРNё Р°СѢС,РµСѢС-С—С,, Р°Р±Рs РiС-РrPsРjРёРNё
Р°С,РµСѢРsСГРeР»РµСѢРsР, Р°Р±Рs СГРѢРSPРСѢРsРj РёРµРiСѢРµРSP°) Р°Р±Рs
РrPsРrР°С,РeРsРIPs

В· РiСѢРё СѢРµРiСРсѢРiС-С,Р°С†С-С—/РSPµРrPsСГРс,Р°С,РSPsСГРс,С- СГРµСѢС†РµРIPsРiPs
РeР»Р°РiР°РSP° (РSP°РiСѢРёРeР»Р°Рr, С-РSC,,РµРeС†С-РNёРSPРёРNё РµРSPРrPsРeР°СѢРrРёС,).

Р РёР•РёРe Р°РSPµРiСѢРёР•РjРё С- РrРёСГРµРeС†С-С— Р°РsСѢС,Рё С,Р° С—С... СѢРsР•СѢРёРi
РjPsР¶Рµ Р±СРс,Рё РiС-РrРiРёС%РµРSPРёРNё СР РiР°С†С-С"РSC,С-Рi, СЦРeС-
РsРrSPsС±Р°СГРSPs Р•Р°СГРс,РsСГРsРiСРсѢС,СѢ СГРёСГРс,РµРjРSC-
РeРsСѢС,РёРeРsСГРс,РµСѢРsС—РrРё.

Рj СѢР°Р•С- РiPsСЦРIPё СѢР°РiС,РsРIPsРiPs Р±РsР»СѢ СР Р¶РёРIPsС,С-,
РiСѢСРrСЦС... Р°Р±Рs СГРiРёРSC- РiР°С†С-С"РSC,Р°Рj СГР»С-Рr РSPµРiР°РNёРSPs
Р•РiРµСѢРSCРс,РёСГРс РrPs Р»С-РeР°СѢСЦ СР РiС-РrРrС-Р»РµРSPSCЦ
РSPµРiС-РrРeР»Р°РrРSPsС— РrPsРiPsРjPsРiРё.

РµР°С†С-С"РSC,Р°Рj РiPsС,СѢС-Р±РSPs СѢРµРeРsРjРµРSPРсРiР°С,Рё РSPµРiР°РNёРSPs
Р•РiРµСѢС,Р°С,РёСГРс Р•Р° РjРµРrРёС±РSPsСѢ РrPsРiPsРjPsРiPsСѢ СР СѢР°Р•С-
РiPsСГРс,СѢРsС— Р°РrРёСРeРё, РSPsРIPsРiPs РSP°РiР°РrСР СГРµСѢС†РµР±РёС,С,СЦ
Р°Р±Рs СѢРsР•РiРёС,РeСР РSP°Р±СѢСЦРeСР Р¶РёРIPsС,Р° Р°Р±Рs РSPР¶РSC-С...
РeС-РSC†С-РIPsРe.

РЎР»С-Рr Р• РsР±РµСѢРµР¶РSC-СГРс,СѢ Р•Р°СГРс,РsСГРсРiР°С,Рё
РjPsРeСГРёС,,Р»РsРeСГР°С†РёРSP РiР°С†С-С"РSC,Р°Рj Р»С-С,РSCHРsРiPs РiС-РeСР Р•
СѢРsР•Р»Р°РrР°РjРё С,,СРSPeС†С-РNё РSPёСѢРsРe, СЦРeС%Рs РIPsРSPё РSPµ РjPsР¶РсРс,СѢ
Р°Р±РµРµРiРµС±РёС,Рё РiСѢРёРNёРsРj РrPsСГРс,Р°С,РSCHРsС— РeС-Р»СѢРeРsСГРс,С-
СѢС-РrРёРSPё, С,РsРjСР С%Рs Р•РSPµРIPsРrSPµРSPSCЦ РjPsР¶Рµ РiС-РrРiРёС%РёС,Рё
СѢРёР•РёРe РiРёРSPРёРeРSPµРSPSCЦ РSPёСѢРeРsРIPsС— РSPµРrPsСГРс,Р°С,РSPsСГРс,С-.

РiРeС%Рs СГРiРsСГРс,РµСѢС-РiР°С"С,СѢСГРс РiPsСѢСРсРµРµРSPSCЦ Р•РsСѢСР
Р°Р±Рs С-РSCРёРNё РiРiР»РёРi РSP° РsСѢРiР°РSPё Р•РsСѢСР, СГР»С-Рr
РSPµРiР°РNёРSPs Р•РiРµСѢРSCРс,РёСГРс РrPs РsС,,С,Р°Р»СѢРjPsР»РsРiР° (РrРёРi.
СѢРsР•РrС-Р»Рё В«Р—РrР°С,РSC-СГРс,СѢ РiРiР»РёРiР°С,Рё РSP° СРiРёРrРeС-СГРс,СѢ
СѢРµР°РeС†С-С— РiСѢРё РeРµСѢСРiР°РSPSC- Р°РiС,РsС,СѢР°РSPСГРiРsСѢС,РsРj
Р°Р±Рs С-РSCРёРjРё РjРµС...Р°РSC-Р•РjР°РjРёВ» С,Р° В«РµРsР±С-С±РSC-
СѢРµР°РeС†С-С—В»).

РiРe С- РiСѢРё Р•Р°СГРс,РsСГРсРiР°РSPSC- РiСГРс-С... С,,С,РsСѢС...С-РSPsР»РsРSC-Рi,
РiС-Рr С±Р°СГР Р»С-РeСРiР°РSPSCЦ РjPsРeСГРёС,,Р»РsРeСГР°С†РёРSPsРj
РiPsРiС-РrPsРjР»СЦР»РsСГРс РiСѢРs РiРёРiР°РrРeРё РiС-РrС...РёР»РµРSPSCЦ РiС-Рr
РSPsСѢРjРё РiPsРeР°Р•РSPРёС-Рi РiР»СѢРeРsР•Рё РeСѢРsРiС-, СЦРe СР
РiРёРiР»СЦРrС- РiС-РiPsРiР»С-РeРµРjС-С—, С,Р°Рe С- СР РiРёРiР»СЦРrС-

PiC-PiPμCḡPiP»C-PePμPjC-C—. P°PëCíPiP»C-PePμPjC-Cḡ CḡPsP·PIPëPIP°P»P°CíCḡ
PiPμCḡPμPIP°PḡPSPs Cr PiP°C†C-C°PSC,C-PI P»C-C,PSCHbPsPiPs PIC-PeCr,
C...PIPsCḡPëC... PSP° PrC-P°P±PμC,, CḡPeC- PsC,CḡPëPjCrPIP°P»Pë
PsPrPSPsC†P°CíPSPs P· P»C-PeCrPIP°PSPSCḡPj PjPsPeCíPëC,,P»PsPeCíP°C†PëPSPsPj
PiPμCḡPsCḡP°P»CHbPSC- PiC-PiPsPiP»C-PePμPjC-C†PSC- P·P°CíPsP±Pë
(PSP°PiCḡPëPeP»P°Pr, CíCrP»CHbC,,PsPSC-P»CíPμC†PsPIPëPSCr) P°P±Ps
C-PSCíCrP»C-PS. PḡPIPsCḡPëPj PSP° C†CrPeCḡPsPIPëPñ PrC-P°P±PμC,
CḡPμPePsPjPμPSPrCrC°C,CHbCíCḡ CḡPμC,PμP»CHbPSPs PePsPSC,CḡPsP»CḡPIP°C,Pë
CḡC-PIPμPSCḡ PiP»CḡPePsP·Pë Cr PeCḡPsPIC- (PrPëPI. CḡPsP·PrC-P»
B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PμCḡPsC,,C-P»P°PeC,PëPeP° CḡPμP°PeC†C-Pñ C,,PsC,PsC†CrC,P»PëPIPsCíC,C-

PμCḡPë P·P°CíC,PsCíCrPIP°PSPSC- C...C-PSPsP»PsPSC-PI Cr PiP°C†C-C°PSC,C-PI
PIC-PrP·PSP°C†P°CḡC,CHbCíCḡ CḡPμP°PeC†C-C— C,,PsC,PsC†CrC,P»PëPIPsCíC,C-.
PμCḡPsC,Pμ PrPsCíP»C-PrPḡPμPSPSCḡ PiPsPeP°P·P°P»Pë, C°%Ps
PjPsPeCíPëC,,P»PsPeCíP°C†PëPS PIC-PrCḡC-P·PSCḡC°C,CHbCíCḡ PSPëPḡC†PëPj
CḡPëP·PëPePsPj PIPëPSPëPePSPμPSPSCḡ C,,PsC,PsC†CrC,P»PëPIPsCíC,C-.
PḡPμP·PIP°PḡP°CḡC†Pë PSP° C†Pμ, CíP»C-Pr PiPsCḡPμPePsPjPμPSPrCrPIP°C,Pë
PiP°C†C-C°PSC,P°Pj CrPSPëPeP°C,Pë CḡPe CrP»CHbC,CḡP°C,,C-PsP»PμC,PsPIPsPiPs
PsPiCḡPsPjC-PSPμPSPSCḡ, C,P°Pe C- C,CḡPëPIP°P»PsC— C,P°/P°P±Ps
C-PSC,PμPSCíPëPIPsC— PrC-C— CíPsPSCḡC†PSPsPiPs CíPIC-C,P»P° PiC-Pr C†P°Cí
P·P°CíC,PsCíCrPIP°PSPSCḡ PjPsPeCíPëC,,P»PsPeCíP°C†PëPSCr (PrPëPI. CḡPsP·PrC-P»
B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»).

PμP°C†C-C°PSC,Pë P· CḡPsPrPëPSPSPëPj P°P±Ps PsCíPsP±PëCíC,PëPj P°PSP°PjPSPμP·PsPj
PSPμPrPsCíC,P°C,PSCHbPsC— P°PeC,PëPIPsCíC,C- PiP»CḡPePsP·Ps-6-
C,,PsCíC,,P°C,PrPμPiC-PrCḡPsPiPμPSP°P·Pë PiC-Pr C†P°Cí P»C-PeCrPIP°PSPSCḡ
C...C-PSPsP»PsPSP°PjPë PjP°CḡC,CHb CíC...PëP»CHbPSC-CíC,CHb PrPs
PiPμPjPsP»C-C,PëC†PSPëC... CḡPμP°PeC†C-Pñ. PḡPsPjCr C,P°PePëPj PiP°C†C-C°PSC,P°Pj
CíP»C-Pr P· PsP±PμCḡPμPḡPSC-CíC,Cḡ P·P°CíC,PsCíPsPICrPIP°C,Pë
PjPsPeCíPëC,,P»PsPeCíP°C†PëPS.

PμP°C†C-C°PSC,P°Pj P· CrCíPeP»P°PrPSPμPSPëPj P·P°PiP°P»CHbPSPëPj
P·P°C...PIPsCḡCḡPIP°PSPSCḡPj PsCḡPiP°PSC-PI PjP°P»PsPiPs C,P°P·P° (PSP°PiCḡPëPeP»P°Pr,
P°CíPsC†C-PñPsPIP°PSPëPj C-P· C,CḡCrP±PSPs-CḡC°C†PSPëPePsPIPëPj P°P±CíC†PμCíPsPj
P°P±Ps P°P±CíC†PμCíPsPj PjP°P»PsPiPs C,P°P·P°), PrP»Cḡ CḡPePëC... PIPiP°PḡP°C°C,CHbCíCḡ
PSPμPsP±C...C-PrPSPëPj PiCḡPsPIPμPrPμPSPSCḡ PIPSCrC,CḡC-CḡPSCHbPsPIPμPSPSPsC—
C,PμCḡP°PiC-C—, P»C-PeCrPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,PsPj PḡPsPeCíPμC,PμCḡPs Cr
C,,PsCḡPjC- C,P°P±P»PμC,PsPe, PIPeCḡPëC,PëC... PsP±PsP»PsPSPePsCḡ, PiPs 400 PjPi PSPμ
CḡPμPePsPjPμPSPrCrC°C,CHbCíCḡ.

P—P°PiP°P»CHbPSPμ P·P°C...PIPsCḡCḡPIP°PSPSCḡ PsCḡPiP°PSC-PI PjP°P»PsPiPs C,P°P·P°
PjPsPḡPμ P±CrC,Pë CíPiCḡPëC†PëPSPμPSPs P±P°PeC,PμCḡC-C°Cḡ *Neisseria gonorrhoeae*,
CḡPμP·PëCíC,PμPSC,PSPsCḡ PrPs C,,C,PsCḡC...C-PSPsP»PsPSC-PI. PḡPsPjCr PI C,P°PePëC...
PIPëPiP°PrPeP°C... PμPjPiC-CḡPëC†PSPμ P·P°CíC,PsCíCrPIP°PSPSCḡ
PjPsPeCíPëC,,P»PsPeCíP°C†PëPSCr PSPμPsP±C...C-PrPSPs PiCḡPëP·PSP°C†P°C,Pë
PsPrPSPsC†P°CíPSPs P· C-PSCḡPëPj PIC-PrPiPsPIC-PrPSPëPj P°PSC,PëP±C-PsC,PëPePsPj
(PSP°PiCḡPëPeP»P°Pr, C-P· C†PμC,,P°P»PsCíPiPsCḡPëPSPsPj), CḡPeC°%Ps PSPμPjPsPḡP»PëPIPs
PiPsPIPSC-CíC,Cḡ PIPëPeP»CḡC†PëC,Pë PSP°CḡPIPsC-CíC,CHb *Neisseria gonorrhoeae*,

PμPsPIC-PrPsPjP»CΠP»PsCΓCΠ PiCηPs PrCrP¶Pμ CηC-PrPeC-CΓPSC- PIPëPïP°PrPePë
 C,CηPëPIP°P»PëC... (PiCηPsC,CΠPiPsPj PjC-CΓCΠC†C-PI P°P±Ps CηPsPeC-PI),
 C-PSPIP°P»C-PrPëP·CrCηC‡PëC... C- PiPsC,PμPSC†C-PNëPSPs PSPμP·PIPsCηPsC,PSPëC...
 CΓPμCηPNëPsP·PSPëC... PiPsP±C-C‡PSPëC... CηPμP°PeC†C-PNë PSP° P»C-PeP°CηCΓCηPeC-
 P·P°CΓPsP±Pë, C‰Ps PIPïP»PëPIP°CηC,Cη PSP° CηC-P·PSC-, C-PSPsPrC- PjPSPsP¶PëPSPSC-,
 CΓPëCΓC,PμPjPë PsCηPiP°PSC-P·PjCr (P· P±PsPeCr PsPiPsCηPSPs-CηCrC...PsPIPsC—
 CΓPëCΓC,PμPjPë, PSPμCηPIPsPIPsC— CΓPëCΓC,PμPjPë, PiCΓPëC...C-PePë C,P° P· P±PsPeCr
 PsCηPiP°PSC-PI C‡CrC,C,CΠ), Cr PïP°C†C-C”PSC,C-PI, CΠPeC- P·P°CΓC,PsCΓPsPICrPIP°P»Pë
 C...C-PSPsP»PsPSPë C,P° C,,C,PsCηC...C-PSPsP»PsPSPë PSPμP·P°P»PμP¶PSPs PIC-Pr PIC-PeCr
 C,P° PSP°CΠIPSPëC... CηP°PSC-CëPμ C,,P°PeC,PsCηC-PI CηPëP·PëPeCr.
 P—P°CΓC,PsCΓCrPIP°PSPSCΠ PjPsPeCΓPëC,,P»PsPeCΓP°C†PëPSCr CΓP»C-Pr PSPμPiP°PNëPSPs
 PiCηPëPiPëPSPëC,Pë PiCηPë PiPμCηCëPëC... P¶Pμ PsP·PSP°PeP°C... P°P±Ps CΓPëPjPiC,PsPjP°C...
 P±CrPrCη-CΠPePsC— CΓPμCηPNëPsP·PSPsC— PiPsP±C-C‡PSPsC— CηPμP°PeC†C-C—, C-
 PiP°C†C-C”PSC,P°Pj CΓP»C-Pr PiPsCηP°PrPëC,Pë P·PIPμCηPSCrC,PëCΓCΠ PrPs P»C-PeP°CηCΠ

$P \cdot P^\circ \text{ PePsPSCfCfP} \gg \text{CHC}, P^\circ \text{C}^\dagger \text{C} - \text{C}''\text{CH}.$

$P_\mu \text{C}_\mu \text{P}_\mu \text{P}^\circ \text{C}_\mu \text{P}^\circ \text{C}, \text{PjC} - \text{CfC}, \text{P}\ddot{\text{C}}, \text{CH} \text{ PjP}_\mu \text{PSC}\epsilon \text{P}_\mu 1 \text{ PjPjPsP} \gg \text{CH} (23 \text{ PjPi}) / \text{PrPsP} \cdot \text{Cf}$
 $\text{PSP}^\circ \text{C}, \text{C}_\mu \text{C} - \text{CH}, \text{C}, \text{PsP} \pm \text{C}, \text{Ps} \text{ P}\ddot{\text{C}}_\mu \text{P}^\circ \text{PeC}, \text{P}\ddot{\text{C}} \ddagger \text{PSPs} \text{ PIC} - \text{P} \gg \text{CHPsP}\ddot{\text{P}}\text{N}_\circ \text{ PIC} - \text{Pr} \text{ PSP}^\circ \text{C}, \text{C}_\mu \text{C} - \text{CH}.$

$P - P^\circ \text{CfC}, \text{PsCfC} \hat{z} \text{PIP}^\circ \text{PSPSCfC} \text{ C} \hat{z} \text{ PiP}_\mu \text{C}_\mu \text{C} - \text{PsPr} \text{ PIP}^\circ \text{PiC} - \text{C}, \text{PSPsCfC}, \text{C} - P^\circ \text{P} \pm \text{Ps}$
 $\text{PiPsPrC} \hat{z} \text{PIP}^\circ \text{PSPSCfC} \text{ PiC}_\mu \text{C} \hat{z} \text{PrPrCH}.$

$P'P^\circ \text{PiC} - \text{C}, \text{PSC} - \text{CfC}, \text{CH}$

$P'P_\mu \text{P} \cdot \text{PiP}_\mu \text{PeP}^\circ \text{ P} \cdot P^\circ \text{CfC}, \text{PsCfCfP}^\circ \text{PSPSCfC} \text{ PjPsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PSCfC} \text{ Cf}$
 $\text{PiP}_\mu \text{C}_\mu \text{C} - \text{PsPr} \text{ PIP}^\circ \text{PiC} - \text{C}, \text{PSPsCfC}, \text{C} - \text{PSP}_\mu \text{ PICfC}, P^\circ \text{PSPsPIP} \gg \text{P}_\mu \text{PSP}^\circ. \text{ P } P_\mu \text{P} \cdot \text{CfP} \gg \text{CHC}, P^\circ \text{C}, \text{P}\ddot{\text{C}}$
 $\text{PrPsCfP} \gg \text{C} - \text{PrP} \parallel \text{P}_\mu \text{PSCCH} \text{ PSP}^\circ \text{ C}, \text{PIP}^\circ \text{C}_\mu \text{P}\ddot{\text{C}}\text{PSP}^\circ \text{C} \dots \text{PIPeP}^\circ \text{P} \cdot \text{CfCHC}, \text{CH} \text{ PSP}^\circ$
 $\text{C}_\mu \text{P}_\mu \text{PiC}_\mu \text{PsPrCfPeC}, \text{P}\ddot{\text{C}}\text{PIPSCfC} \text{ C}, \text{PsPeCfP}\ddot{\text{C}} \ddagger \text{PSC} - \text{CfC}, \text{CH}. \text{ P}_\mu \text{PsC}, \text{P}_\mu \text{PSC}^\dagger \text{C} - \text{PN}_\circ \text{PSP}\ddot{\text{P}}\text{N}_\circ$
 $\text{C}_\mu \text{P}\ddot{\text{C}}\text{P} \cdot \text{P}\ddot{\text{C}}\text{Pe} \text{ PrP} \gg \text{CfC} \text{ P} \gg \text{CHPrP}\ddot{\text{C}}\text{PSP}\ddot{\text{P}} \text{ PSP}_\mu \text{ PICfC}, P^\circ \text{PSPsPIP} \gg \text{P}_\mu \text{PSP}\ddot{\text{P}}\text{N}_\circ.$

$\text{PJ } P \cdot \text{PIB}_\mu \text{CfC} \text{ CfP} \cdot \text{PeCfC} \text{ P} \cdot \text{C}_\mu \text{P}\ddot{\text{C}}\text{P} \cdot \text{P}\ddot{\text{C}}\text{PePsPj} \text{ PiPsC}\epsilon \text{PePsPrP} \parallel \text{CfPIP}^\circ \text{P} \gg \text{CHPsPsPiPs} \text{ PIPiP} \gg \text{P}\ddot{\text{C}}\text{PICfC}$
 $\text{C}, \text{C}, \text{PsC}_\mu \text{C} \dots \text{C} - \text{PSPsP} \gg \text{PsPSC} - \text{PI} \text{ PSP}^\circ \text{ PSP}_\mu \text{CfCfC} \ddagger \text{C} - \text{CfCfPiP} \gg \text{PsP} \pm \text{P}\ddot{\text{C}} \text{ PSP}_\mu \text{P} \cdot \text{C}_\mu \text{C} - \text{P} \gg \text{P}\ddot{\text{C}} \dots$
 $\text{C}, \text{PIP}^\circ \text{C}_\mu \text{P}\ddot{\text{C}}\text{PS} \text{ C}, P^\circ \text{ P} \cdot \text{PsP} \pm \text{PsC}_\mu \text{PsC}, \text{PSP}\ddot{\text{P}}\text{PjP}\ddot{\text{C}} \text{ CfC}_\mu \text{P}^\circ \text{P} \parallel \text{P}_\mu \text{PSPSCfC} \text{ PjP}\ddot{\text{C}} \text{ CfCfPiP} \gg \text{PsP} \pm \text{C} - \text{PI},$
 $\text{PsPiP}\ddot{\text{C}}\text{P}^\circ \text{PSP}\ddot{\text{P}}\text{PjP}\ddot{\text{C}} \text{ Cf} \text{ PrC} - \text{C}, \text{P}_\mu \text{PN}_\circ, \text{CfPeC} - \text{PsC}, \text{C}_\mu \text{P}\ddot{\text{C}}\text{PjCfPIP}^\circ \text{P} \gg \text{P}\ddot{\text{C}} \text{ P} \gg \text{C} - \text{PeCfPIP}^\circ \text{PSPSCfC}$
 $\text{PrP}_\mu \text{CfPeP}\ddot{\text{P}}\text{PjP}\ddot{\text{C}} \text{ C}, \text{C}, \text{PsC}_\mu \text{C} \dots \text{C} - \text{PSPsP} \gg \text{PsPSP}^\circ \text{PjP}\ddot{\text{C}}, \text{PjPsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PS} \text{ PSP}_\mu$
 $\text{PjPsP} \parallel \text{PSP}^\circ \text{ PiC}_\mu \text{P}\ddot{\text{C}}\text{P} \cdot \text{PSP}^\circ \text{C}^\dagger \text{P}^\circ \text{C}, \text{P}\ddot{\text{C}} \text{ PIP}^\circ \text{PiC} - \text{C}, \text{PSP}\ddot{\text{P}}\text{Pj} \text{ P} \parallel \text{C} - \text{PSPeP}^\circ \text{Pj} (\text{PrP}\ddot{\text{C}}\text{PI}. \text{C}_\mu \text{PsP} \cdot \text{PrC} - \text{P} \gg$
 $\text{B} \ll \text{P}_\mu \text{C}_\mu \text{PsC}, \text{P}\ddot{\text{C}}\text{PiPsPeP}^\circ \text{P} \cdot P^\circ \text{PSPSCfC} \gg).$

$\text{P}_\mu \text{P}_\mu \text{C}_\mu \text{C} - \text{PsPr} \text{ PiPsPrCfPIP}^\circ \text{PSPSCfC} \text{ PiC}_\mu \text{CfPrPrCH}$

$\text{P}_\mu \text{PsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PS}, \text{CfPe} \text{ C} - \text{C} - \text{PSC}\epsilon \text{C} - \text{C} \dots \text{C} - \text{PSPsP} \gg \text{PsPSP}\ddot{\text{C}},$
 $\text{CfPiC}_\mu \text{P}\ddot{\text{C}} \ddagger \text{P}\ddot{\text{C}}\text{SCfC}'' \text{ CfC}_\mu \text{P}^\circ \text{P} \parallel \text{P}_\mu \text{PSPSCfC} \text{ Cf} \text{ C} \dots \text{C}_\mu \text{CfC} \% \text{C} - \text{CfCfPiP} \gg \text{PsP} \pm \text{C} - \text{PI}$
 $\text{PjPsP} \gg \text{PsPrP}\ddot{\text{C}} \dots \text{C}, \text{PIP}^\circ \text{C}_\mu \text{P}\ddot{\text{C}}\text{PS}. \text{ PkP}_\mu \text{PIP}_\mu \text{P} \gg \text{P}\ddot{\text{C}}\text{PeP}^\circ \text{ PeC} - \text{P} \gg \text{CHPeC} - \text{CfC}, \text{CH}$
 $\text{PjPsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PSCfC} \text{ PjPsP} \parallel \text{P}_\mu \text{ PiPsC}, \text{C}_\mu \text{P}^\circ \text{PiP} \gg \text{CfC}, \text{P}\ddot{\text{C}} \text{ Cf} \text{ PiC}_\mu \text{CfPrPSP}_\mu$
 $\text{PjPsP} \gg \text{PsPePs}. \text{ PkP}_\mu \text{PjP}^\circ \text{C}'' \text{ PrP}^\circ \text{PSP}\ddot{\text{C}} \dots \text{C} \% \text{PsPrPs} \text{ P} \cdot P^\circ \text{CfC}, \text{PsCfCfPIP}^\circ \text{PSPSCfC}$
 $\text{PiC}_\mu \text{P}_\mu \text{PiP}^\circ \text{C}_\mu \text{P}^\circ \text{C}, \text{Cf} \text{ Cf} \text{ PiP}_\mu \text{C}_\mu \text{C} - \text{PsPr} \text{ P} \gg \text{P}^\circ \text{PeC}, P^\circ \text{C}^\dagger \text{C} - \text{C} - \text{P} \parallel \text{C} - \text{PSPeP}^\circ \text{Pj}.$

$\text{PJSP}^\circ \text{CfP} \gg \text{C} - \text{PrPsPe} \text{ C}^\dagger \text{CHPsPiPs} \text{ P} \parallel \text{C} - \text{PSPeP}^\circ \text{Pj}, \text{CfPeC} - \text{PiPsPrCfCHC}, \text{CH} \text{ PiC}_\mu \text{CfPrPrCH},$
 $\text{P} \cdot P^\circ \text{CfC}, \text{PsCfCfPIP}^\circ \text{PSPSCfC} \text{ PjPsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PSCfC} \text{ PiC}_\mu \text{PsC}, \text{P}\ddot{\text{C}}\text{PiPsPeP}^\circ \text{P} \cdot P^\circ \text{PSPs}$
 $(\text{PrP}\ddot{\text{C}}\text{PI}. \text{C}_\mu \text{PsP} \cdot \text{PrC} - \text{P} \gg \text{B} \ll \text{P}_\mu \text{C}_\mu \text{PsC}, \text{P}\ddot{\text{C}}\text{PiPsPeP}^\circ \text{P} \cdot P^\circ \text{PSPSCfC} \gg).$

$\text{P}_\mu \text{P}_\mu \text{C}_\mu \text{C}, \text{P}\ddot{\text{C}} \gg \text{CHPsC} - \text{CfC}, \text{CH}$

$\text{P}'' \text{PsCfP} \gg \text{C} - \text{PrP} \parallel \text{P}_\mu \text{PSPSCfC} \text{ PSP}^\circ \text{ C}, \text{PIP}^\circ \text{C}_\mu \text{P}\ddot{\text{C}}\text{PSP}^\circ \text{C} \dots \text{PSP}_\mu \text{ PIP}\ddot{\text{C}}\text{CfPIP}\ddot{\text{C}} \gg \text{P}\ddot{\text{C}} \text{ PIPiP} \gg \text{P}\ddot{\text{C}}\text{PICfC} \text{ PSP}^\circ$
 $\text{C}, \text{P}_\mu \text{C}_\mu \text{C}, \text{P}\ddot{\text{C}} \gg \text{CHPsC} - \text{CfC}, \text{CH}.$

$P - \text{PrP}^\circ \text{C}, \text{PSC} - \text{CfC}, \text{CH} \text{ PIPiP} \gg \text{P}\ddot{\text{C}}\text{PIP}^\circ \text{C}, \text{P}\ddot{\text{C}} \text{ PSP}^\circ \text{ C}\epsilon \text{PIP}\ddot{\text{C}}\text{PrPeC} - \text{CfC}, \text{CH} \text{ C}_\mu \text{P}_\mu \text{P}^\circ \text{PeC}^\dagger \text{C} - \text{C} - \text{PiC}_\mu \text{P}\ddot{\text{C}}\text{P}\ddot{\text{C}}$
 $\text{PeP}_\mu \text{C}_\mu \text{C} \hat{z} \text{PIP}^\circ \text{PSPSC} - P^\circ \text{PIC}, \text{PsC}, \text{C}_\mu \text{P}^\circ \text{PSCfPiPsC}_\mu \text{C}, \text{PsPj} \text{ P}^\circ \text{P} \pm \text{Ps} \text{ C} - \text{PSC}\epsilon \text{P}\ddot{\text{C}}\text{PjP}\ddot{\text{C}}$
 $\text{PjP}_\mu \text{C} \dots \text{P}^\circ \text{PSC} - \text{P} \cdot \text{PjP}^\circ \text{PjP}\ddot{\text{C}}.$

$\text{P}'' \text{PsCfP} \gg \text{C} - \text{PrP} \parallel \text{P}_\mu \text{PSCCH} \text{ PIPiP} \gg \text{P}\ddot{\text{C}}\text{PICfC} \text{ PjPsPeCfP}\ddot{\text{C}}, \text{P} \gg \text{PsPeCfP}^\circ \text{C}^\dagger \text{P}\ddot{\text{C}}\text{PSCfC} \text{ PSP}^\circ$
 $\text{P} \cdot \text{PrP}^\circ \text{C}, \text{PSC} - \text{CfC}, \text{CH} \text{ PeP}_\mu \text{C}_\mu \text{CfPIP}^\circ \text{C}, \text{P}\ddot{\text{C}} \text{ P}^\circ \text{PIC}, \text{PsC}, \text{C}_\mu \text{P}^\circ \text{PSCfPiPsC}_\mu \text{C}, \text{PsPj} \text{ C}, P^\circ$
 $\text{PiC}_\mu \text{P}^\circ \text{C}^\dagger \text{CHPIP}^\circ \text{C}, \text{P}\ddot{\text{C}} \text{ P} \cdot \text{PjP}_\mu \text{C} \dots \text{P}^\circ \text{PSC} - \text{P} \cdot \text{PjP}^\circ \text{PjP}\ddot{\text{C}} \text{ PSP}_\mu \text{ PiC}_\mu \text{PsPIP}\text{PrP}\ddot{\text{C}} \gg \text{P}\ddot{\text{C}}. \text{ PhPrPSP}^\circ \text{Pe}$

C,,C,PsC7C...C-PSPsP»PsPSPë, PIPeP»C7C±P°C7C±Pë PjPsPeC7PëC,,P»PsPeC7P°C±PëPS,
PjPsP¶C7C,CH PiC7PëP·PIPsPrPëC,Pë PrPs PiPsPiC-C7C€PµPSPSC¶ P·PrP°C,PSPsC7C,C-
PePµC7C7PIP°C,Pë P°PIC,PsC,C7P°PSC7PµPsC7C,PsPj P°P±Ps PiC7P°C±C7HIPIP°C,Pë P·
C-PSC€PëPjPë PjPµC...P°PSC-P·PjP°PjPë C±PµC7PµP· PIPëPSPëPePSPµPSPSC¶ C7PµP°PeC±C-PNë
P· P±PsPeC7 P|P6Pÿ (P·P°PiP°PjPsC7PµC±PµPSPSC¶, PiPsC7C,C7P° C,PëPjC±P°C7PsPIP°
PIC,C7P°C,P° P·PsC7C7 P°P±Ps PiPsC7C,C7P° PePsC7PµC,PePsC,C7PëPIP°P»P° PIC,C7P°C,P°
C7PIC-PrPsPjPsC7C,C-). PµP°C±C-C°PSC,P°Pj C7P»C-Pr C7PµPePsPjPµPSPPrC7PIP°C,Pë
C7PiPsC7C,PµC7C-PiP°C,Pë P·P° C7PIPµC°C7 C7PµP°PeC±C-C°C7 PSP°
PjPsPeC7PëC,,P»PsPeC7P°C±PëPS PiPµC7PµPr C,PëPj, C¶IPe PePµC7C7PIP°C,Pë
P°PIC,PsC,C7P°PSC7PµPsC7C,PsPj P°P±Ps PiC7P°C±C7HIPIP°C,Pë P· C-PSC€PëPjPë
PjPµC...P°PSC-P·PjP°PjPë.

PÿPiPsC7C-P± P·P°C7C,PsC7C¿PIP°PSPSC¶ C,P° PrPsP·Pë.

P°PsC7PµC7P»C-

P PµPePsPjPµPSPPrC7C°C,CHC7C¶ PiC7PëPNëPjP°C,Pë PiPs 1 C,P°P±P»PµC,C±C- (400 PjPi)
PjPsPeC7PëC,,P»PsPeC7P°C±PëPSC7 PSP° PrPsP±C7.

PÿP°P±P»PµC,PePë C7P»C-Pr PiC7PëPNëPjP°C,Pë PSPµ C7PsP·P¶PsPIC7C7C±Pë,
P·P°PiPëPIP°C7C±Pë PrPsC7C,P°C,PSCHPsC7 PeC-P»CHPeC-C7C,C7 PIPsPrPë.
PµC7PµPiP°C7P°C, PjPsP¶PSP° PiC7PëPNëPjP°C,Pë PSPµP·P°P»PµP¶PSPs PIC-Pr C±P°C7C7
PIP¶PëPIP°PSPSC¶ C—P¶C-.

PÿC7PëPIP°P»C-C7C,CH C,PµC7P°PiC-C—

PÿC7PëPIP°P»C-C7C,CH C,PµC7P°PiC-C— C,P°P±P»PµC,PsPIP°PSPsC7 C,,PsC7PjPsC7
PiC7PµPiP°C7P°C,C7 PµPsPeC7PµC,PµC7Ps P·P°P»PµP¶PëC,CH PIC-Pr C,PëPiC7
C-PSC,,PµPeC±C-PNë C- C7C,P°PSPsPIPëC,CH:

- P·P°PiPsC7C,C7PµPSPSC¶ C...C7PsPSC-C±PSPsPiPs PsP±C7C,C7C7PeC,PëPIPSPsPiPs
P·P°C...PIPsC7C7HIPIP°PSPSC¶ P»PµPiPµPSCH, PIPeP»C7C±PSPs P· P±C7PsPSC...C-C,PsPj, B7"
5-10 PrPSC-PI;

- PSPµPiPsC7PiC-C,P°P»CHPSP° PiPSPµPIPjPsPSC-C¶ B7" 10 PrPSC-PI;

- PiPsC7C,C7PëPNë P±P°PeC,PµC7C-P°P»CHPSPëPNë C7PëPSC7C7PëC, B7" 7 PrPSC-PI;

- P·P°PiP°P»CHPSC- P·P°C...PIPsC7C7HIPIP°PSPSC¶ PsC7PiP°PSC-PI PjP°P»PsPiPs C,P°P·P°
PiPsPjC-C7PSPsPiPs C,P° C7PµC7PµPrPSCHPsPiPs C7C,C7PiPµPSC¶ C,C¶P¶PePsC7C,C- B7" 14
PrPSC-PI.

P—P° PrP°PSPëPjPë PrPsC7P»C-PrP¶PµPSCH C,C7PëPIP°P»C-C7C,CH P»C-PeC7PIP°PSPSC¶
C,P°P±P»PµC,PsPIP°PSPsC7 C,,PsC7PjPsC7 PiC7PµPiP°C7P°C,C7 PµPsPeC7PµC,PµC7Ps
C7C,P°PSPsPIPëP»P° PrPs 14 PrPSC-PI.

PÿC,C¿PiC-PSC±P°C7C,P° (PIPSC¿C,C7C-C€PSCHPsPIPµPSPSP°/PiPµC7PsC7P°P»CHPSP°)
C,PµC7P°PiC-C¶

PµC-Pr C±P°C7 PrPsC7P»C-PrP¶PµPSCH C7C,C7PiC-PSC±P°C7C,PsC— C,PµC7P°PiC-C—
P±C-P»CHC€C-C7C,CH PiP°C±C-C°PSC,C-PI PiPµC7PµC...PsPrPëP»P° P·

PIPSCrC,CTHC-C€PSCHPsPIPµPSPSPsPiPs PSP° PīPµCTHPsCTHP°P»CHBPSPëPNë C€P»C¼C...
 PIPµPrPµPSPSC¼ PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr PīCTHPsC,C¼PiPsPj 4 PrPSC-PI
 (PSPµPiPsCfPīC-C,P°P»CHBPSP° PīPSPµPIPjPsPSC-C¼) P°P±Ps 6 PrPSC-PI
 (CfCfPëP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— C€PeC-CTHPë C,P° PīC-PrC€PeC-CTHPSPëC...
 C,PeP°PSPëPS). P PµPePsPjPµPSPPrPsPIP°PSP° P·P°PiP°P»CHBPSP° C,CTHPëPIP°P»C-CfC,CH
 P»C-PeCfPIP°PSPSC¼ C,P°P±P»PµC,PeP°PjPë C,P° CTHPsP·C†PëPSPsPj PrP»C¼ C-PSC,,CfP·C-PNë
 PµPsPeCfPµC,PµCTHPs CfC,P°PSPsPIPëC,CH 7 - 14 PrPSC-PI PrP»C¼
 PSPµPiPsCfPīC-C,P°P»CHBPSPëC... PīPSPµPIPjPsPSC-PNë C,P° 7 - 21 PrPµPSCHP PrP»C¼
 CfCfPëP»P°PrPSPµPSPëC... C-PSC,,PµPeC†C-PNë C€PeC-CTHPë C,P° PīC-PrC€PeC-CTHPSPëC...
 C,PeP°PSPëPS.

PµPµCTHPµPIPëC%CrPIP°C,Pë PIPeP°P·P°PSCr PrPsP·Cr (400 PjPi 1 CTHP°P· PSP° PrPsP±Cr) C,P°
 C,CTHPëPIP°P»C-CfC,CH P»C-PeCfPIP°PSPSC¼ PrP»C¼ PePsP¶PSPsPiPs PīPsPeP°P·P°PSPSC¼
 PSPµ CTHPµPePsPjPµPSPCrC”C,CHCfC¼.

PµP°C†C-C”PSC,Pë P»C-C,PSCHHPsPiPs PIC-PeCž/PiP°C†C-C”PSC,Pë P· PSPëP·CHPePsCH
 PjP°CfPsCH C,C-P»P°

PµPsCTHPµPeC†C-C¼ PrPsP·Pë PrP»C¼ PīP°C†C-C”PSC,C-PI P»C-C,PSCHHPsPiPs
 PIC-PeCf/PiP°C†C-C”PSC,C-PI P· PSPëP·CHPePsCH PjP°CfPsCH C,C-P»P° PSPµ
 PīPsC,CTHC-P±PSP°.

PµPsCTHCžC€PµPSPSC¼ C,,CžPSPeC†C-C— PīPµC±C-PSPePë

PµP°C†C-C”PSC,P°Pj C-P· PīPsCTHCrC€PµPSPSC¼PjPë C,,CfPSPeC†C-C— PīPµC±C-PSPePë
 PePsCTHPµPeC†C-C¼ PrPsP·Pë PSPµ PīPsC,CTHC-P±PSP°.

PkPëCTHPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH

P”P»C¼ PīP°C†C-C”PSC,C-PI C-P· PSPëCTHPePsPIPsCH PSPµPrPsCfC,P°C,PSC-CfC,CH
 PīPsPjC-CTHPSPsPiPs C,P° CfPµCTHPµPrPSCHPsPiPs CfC,CfPīPµPSC¼ C,C¼P¶PePsCfC,C- (Cf
 C,PsPjCr C†PëCfP»C- PīCTHPë PeP»C-CTHPµPSCfC- PeCTHPµP°C,PëPSC-PSCr
 $\leq 30 PjP»/C...PI/1,73 Pj^2$), P° C,P°PePsP¶ PrP»C¼ PīP°C†C-C”PSC,C-PI, C¼PeC-
 PīPµCTHPµP±CfPIP°CHC,CH PSP° P±PµP·PīPµCTHPµCTHIPSPsPjCr PīPµPjPsPrC-P°P»C-P·C- C,P°
 PrPsPIPiPsC,CTHPëPIP°P»PsPjCr P°PjP±CfP»P°C,PsCTHPSPsPjCr
 PīPµCTHPëC,PsPSPµP°P»CHBPSPsPjCr PrC-P°P»C-P·C-, PePsCTHPµPeC†C-C¼ PrPsP·Pë PSPµ
 PīPsC,CTHC-P±PSP°.

P”C-C,Pë.

P»C-PeP°CTHCfCHPePëPNë P·P°CfC-P± PµPsPeCfPµC,PµCTHPs PīCTHPsC,PëPīPsPeP°P·P°PSPëPNë
 PrC-C,C¼Pj (PIC-PePsPj PrPs 18 CTHPsPeC-PI). P·C,,PµPeC,PëPIPSC-CfC,CH C,P° P±PµP·PīPµPeP°
 P·P°CfC,PsCfCfPIP°PSPSC¼ PjPsPeCfPëC,,P»PsPeCfP°C†PëPSCr PrC-C,C¼Pj PSPµ
 PICfC,P°PSPsPIP»PµPSC-.

PµPµCTHPµPrPsP·CžPIP°PSPSC¼.

Pj CTHP°P·C- PIPëPīP°PrPePsPIPsPiPs PīPµCTHPµPrPsP·CfPIP°PSPSC¼ PSPµ
 CTHPµPePsPjPµPSPPrPsPIP°PSPs P¶PsPrPSPëC... CfPīPµC†PëC,,C-C†PSPëC... P·P°C...PsPrC-PI. Pj

<i>P— P±PsPeCž C-PjCžPSPSPsC— CÍPëCÍC,PμPjPë</i>	
PkPμC±P°CÍC,Ps	PñP»PμCñPiC-C±PSC- CñPμP°PeC†C-C— (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»)
P C-PrPePs	PñPSP°C,,C-P»P°PeCÍC-CÍ, PIPeP»CñC±P°CñC±Pë CñC-PrPeC-CÍPSC- PIPëPíP°PrPePë CëPsPeCí (C%Ps P·P°PiCñPsPñCíC” PñPëC,C,Cñ) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»), P°P»PμCñPiC-C±PSPëPñ PSP°P±CñCÍPe/ P°PSPiC-PsPSPμPICñPsC,PëC±PSPëPñ PSP°P±CñCÍPe, PIPeP»CñC±P°CñC±Pë PSP°P±CñCÍPe PiPsCñC,P°PSC- (C%Ps PiPsC,PμPSC†C-PñPSPs P·P°PiCñPsPñCíC” PñPëC,C,Cñ) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»)
<i>P— P±PsPeCž PμPSPPrPsPeCñPëPSPSPsC— CÍPëCÍC,PμPjPë</i>	
P”CíPñPμ CñC-PrPePs	PñPëPSPrCñPsPj PSPμPIC-PrPiPsPIC-PrPSPsC— CÍPμPeCñPμC†C-C— P°PSC,PëPrC-CíCñPμC,PëC±PSPsPiPs PiPsCñPjPsPSCí (SIADH)
<i>P— P±PsPeCž PjPμC,P°P±PsP»C-P·PjCž C,P° C...P°CñC±C±PIP°PSPSCÍ</i>	
PkPμC±P°CÍC,Ps	P”C-PiPμCñP»C-PiC-PrPμPjC-CÍ
P C-PrPePs	P”C-PiPμCñPiP»C-PePμPjC-CÍ, PiC-PiPμCñCíCñPëPePμPjC-CÍ
P”CíPñPμ CñC-PrPePs	P”C-PiPsPiP»C-PePμPjC-CÍ, PiC-PiPsPiP»C-PePμPjC-C±PSP° PePsPjP°
<i>P— P±PsPeCž PiCÍPëC...C-PePë*</i>	
PkPμC±P°CÍC,Ps	P PμP°PeC†C-C— CÍC,CñPëPIPsPñPμPSPsCÍC,C-, PiC-PrPiPëC%PμPSPSCÍ PiCÍPëC...PsPjPsC,PsCñPSPsC— P°PeC,PëPIPsCÍC,C-/P·P±CíPrPñPμPSPSCÍ
P C-PrPePs	P·P°P±C-P»CñPSC-CÍC,Cñ PSP°CÍC,CñPsCñ, PrPμPiCñPμCÍC-CÍ (Cí CñC-PrPeC-CÍPSPëC... PIPëPíP°PrPeP°C... P·PjPsPñP»PëPIPsCñ CÍP°PjPsP°PiCñPμCÍC-C”Cñ, C,P°PePsCñ CÍPe CÍCíC—C†PëPrP°P»CñPSC- C-PrPμC-/PrCíPjPePë P°P±Ps CÍPiCñPsP±Pë CÍP°PjPsPiCíP±CÍC,PIP°) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»), PiP°P»CñC†PëPSP°C†C-C—, PrPμP»C-CñC-Pñ
P”CíPñPμ CñC-PrPePs	P”PμPiPμCñCÍPsPSP°P»C-P·P°C†C-CÍ, PiCÍPëC...PsC,PëC±PSC- CñPμP°PeC†C-C— (P·PjPsPñP»PëPIPsCñ CÍP°PjPsP°PiCñPμCÍC-C”Cñ, C,P°PePsCñ CÍPe CÍCíC—C†PëPrP°P»CñPSC- C-PrPμC-/PrCíPjPePë P°P±Ps CÍPiCñPsP±Pë CÍP°PjPsPiCíP±CÍC,PIP°) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»)
<i>P— P±PsPeCž PSPμCñPIPsPIPsC— CÍPëCÍC,PμPjPë*</i>	
PñP°CÍC,Ps	P”PsP»PsPIPsPëPñ P±C-P»Cñ, P·P°PiP°PjPsCñPsC±PμPSPSCÍ
PkPμC±P°CÍC,Ps	PμP°CñPμCÍC,PμP·C-CÍ/PrPëP·PμCÍC,PμP·C-CÍ, PiPsCñCíCëPμPSPSCÍ CÍPjP°PeCí (PIPeP»CñC±P°CñC±Pë P°PiPμPIP·C-Cñ Cí CñC-PrPeC-CÍPSPëC... PIPëPíP°PrPeP°C...), CÍPiP»CíC,P°PSC-CÍC,Cñ CÍPIC-PrPsPjPsCÍC,C- C,P° PIC,CñP°C,P° PsCñC-C”PSC,P°C†C-C—, CñPsP·P»P°PrPë CÍPSCí (PiPμCñPμPIP°PñPSPs P±PμP·CÍPsPSPSCÍ), C,CñPμPjPsCñ, PIPμCñC,PëPiPs, CÍPsPSP»PëPIC-CÍC,Cñ
P C-PrPePs	P”C-PiPsPμCÍC,PμP·C-CÍ, PiPsCñCíCëPμPSPSCÍ PSCñC...Cí (PIPeP»CñC±P°CñC±Pë PIC,CñP°C,Cí PSCñC...Cí), PiP°C,PsP»PsPiC-C±PSC- CÍPSPsPIPëPrC-PSPSCÍ, PiPsCñCíCëPμPSPSCÍ PePsPsCñPrPëPSP°C†C-C— (PIPeP»CñC±P°CñC±Pë CñPsP·P»P°Pr C...PsPrPë PIPSP°CÍP»C-PrPsPe P·P°PiP°PjPsCñPsC±PμPSPSCÍ P°P±Ps PIPμCñC,PëPiPs), CÍCíPrPsPjPSC- PSP°PiP°PrPë P·CñC-P·PSPëPjPë PeP»C-PSC-C±PSPëPjPë PiCñPsCÍPIP°PjPë (Cí C,PsPjCí C±PëCÍP»C- <i>grand mal</i> PSP°PiP°PrPë) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»), PiPsCñCíCëPμPSPSCÍ CíPIP°PiPë, CñPsP·P»P°PrPë PjPsPIP»PμPSPSCÍ, P°PjPSPμP·C-CÍ, PiPμCñPëC,,PμCñPëC±PSP° PSPμPñCñPsPiP°C,C-CÍ C,P° PiPsP»C-PSPμPñCñPsPiP°C,C-CÍ
P”CíPñPμ CñC-PrPePs	P”C-PiPμCñPμCÍC,PμP·C-CÍ
<i>P— P±PsPeCž PsCñPiP°PSC-PI P·PsCñCž*</i>	
PkPμC±P°CÍC,Ps	PμPsCñCíCëPμPSPSCÍ P·PsCñCí, PIPeP»CñC±P°CñC±Pë PrPëPiP»PsPiC-Cñ C,P° PSPμC±C-C,PeC-CÍC,Cñ P·PsCñCí (PsCÍPsP±P»PëPIPs PiC-Pr C±P°CÍ CñPμP°PeC†C-Pñ P·P±PsPeCí PíPíPñ) (PrPëPI. CñPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCÍB»)
P C-PrPePs	PñPsC,PsC,,PsP±C-CÍ

P"CrP¶Pµ CḡC-PrPePs	PŷCḡP°PSP·PëC,PsCḡPSP° PIC,CḡP°C,P° P·PsCḡCḡ (PsCḡPsP±P»PëPIPs PïC-PrC±P°Cḡ CḡPµP°PeC†C-PNë P· P±PsPeCḡ P PḡPŷ) (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»), CḡPIPµC—C, C-PrPIPsP±C-C±PSP° C,CḡP°PSCḡC-P»CḡPjC-PSP°C†C-Cḡ C-CḡPëCḡCḡ (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»)
P— P±PsPeCḡ PsCḡPiP°PSC-PI CḡP»CḡC...Cḡ C,P° PIPµCḡC,PëP±CḡP»CḡCḡPSPsPiPs P°PiP°CḡP°C,Cḡ*	
P C-PrPePs	P"·P·PIC-PS Cḡ PICḡC...P°C...; PiPsCḡCḡCḡPµPSPSCḡ CḡP»CḡC...Cḡ, PIPeP»CḡC±P°CḡC±Pë PiP»CḡC...PsC,Cḡ (P·P°P·PIPëC±P°PNë PsP±PsCḡPsC,PSCḡ)
P— P±PsPeCḡ CḡPµCḡC†Cḡ**	
PŞP°CḡC,Ps	PµPsPrPsPIP¶PµPSPSCḡ C-PSC,PµCḡPIP°P»Cḡ QT Cḡ C...PIPsCḡPëC... C-P·PiC-PiPsPeP°P»C-C"·PjC-C"·Cḡ (PrPëPI. CḡPsP·PrC-P»Pë B«PµCḡPsC,PëPiPsPeP°P·P°PSPSCḡB» C,P° B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»)
PḡPµC±P°CḡC,Ps	PµPsPrPsPIP¶PµPSPSCḡ C-PSC,PµCḡPIP°P»Cḡ QT (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»), PiPsCḡPëP»PµPSPµ CḡPµCḡC†PµP±PëC,C,Cḡ, C,P°C...C-PeP°CḡPrC-Cḡ, C,,C-P±CḡPëP»CḡC†C-Cḡ PiPµCḡPµPrCḡPµCḡPrCḡ, CḡC,PµPSPsPeP°CḡPrC-Cḡ
P C-PrPePs	PëP»CḡPSPsC±PePsPIP° C,P°C...C-P°CḡPëC,PjC-Cḡ, PSPµPiCḡPëC,PsPjPSC-CḡC,Cḡ (C,PsP±C,Ps PiPsCḡC,CḡP° C,P° PePsCḡPsC,PePsC±P°CḡPSP° PIC,CḡP°C,P° CḡPIC-PrPsPjPsCḡC,C-)
P"CrP¶Pµ CḡC-PrPePs	PḡPµCḡPiPµC†PëC,,C-C±PSP° P°CḡPëC,PjC-Cḡ, B«PiC-CḡCḡPµC,PSP°B» CḡP»CḡPSPsC±PePsPIP° C,P°C...C-PeP°CḡPrC-Cḡ (torsade de pointes) (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»), P·CḡPiPëPSPeP° CḡPµCḡC†Cḡ (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»)
P— P±PsPeCḡ CḡCḡPrPëPSPSPsC— CḡPëCḡC,PµPjPë**	
PḡPµC±P°CḡC,Ps	P"·P·PsPrPëP»P°C,P°C†C-Cḡ
P C-PrPePs	PḡCḡC,PµCḡC-P°P»CḡPSP° PiC-PiPµCḡC,PµPSP·C-Cḡ, P°CḡC,PµCḡC-P°P»CḡPSP° PiC-PiPsC,PµPSP·C-Cḡ
P"CrP¶Pµ CḡC-PrPePs	P"·P·CḡPeCḡP»C-C,
P— P±PsPeCḡ PrPëC...P°P»CḡPSPsC— CḡPëCḡC,PµPjPë, PiCḡCḡPrPSPsC— PeP»C-C,PePë C,P° CḡPµCḡPµPrPsCḡC,C-PSPSCḡ	
PḡPµC±P°CḡC,Ps	P—P°PrPëCḡPeP° (PIPeP»CḡC±P°CḡC±Pë P°CḡC,PjP°C,PëC±PSPëPNë CḡC,P°PS)
P— P±PsPeCḡ C,CḡP°PIPSPsC— CḡPëCḡC,PµPjPë	
PŞP°CḡC,Ps	PḡCḡPrPsC,P°, P±P»CḡPIP°PSPSCḡ, P±C-P»Cḡ Cḡ P¶PëPIPsC,C-, PrC-P°CḡPµCḡ
PḡPµC±P°CḡC,Ps	P—PSPëP¶PµPSPSCḡ P°PiPµC,PëC,Cḡ C,P° P·PjPµPSCḡPµPSPSCḡ PIP¶PëPIP°PSPSCḡ C—P¶C-, P·P°PiPsCḡ, PrPëCḡPiPµPiCḡC-Cḡ, C,,P»P°C,CḡP»PµPSC†C-Cḡ, PiP°CḡC,CḡPëC,, PiC-PrPIPëC%PµPSPSCḡ CḡC-PIPSCḡ P°PjC-P»P°P·Pë
P C-PrPePs	P"·PëCḡC,,P°PiC-Cḡ; CḡC,PsPjP°C,PëC,, PePsP»C-C,, P°CḡPsC†C-PNëPsPIP°PSPëPNë P·C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj P°PSC,PëP±C-PsC,PëPeP° (PIPeP»CḡC±P°CḡC±Pë PiCḡPµPiPrPsPjPµPjP±CḡP°PSPsP·PSPëPNë PePsP»C-C,, Cḡ CḡC-PrPeC-CḡPSPëC... PIPëPiP°PrPeP°C... P°CḡPsC†C-PNëPsPIP°PSPëPNë C-P· P·P°PiCḡPsP·P»PëPIPëPjPë PrP»Cḡ P¶PëC,C,Cḡ CḡCḡPeP»P°PrPSPµPSPSCḡPjPë) (PrPëPI. CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»)
P— P±PsPeCḡ PiPµC±C-PSPePë C,P° P¶PsPIC±PsPIPëPIC-PrPSPëC... CḡP»CḡC...C-PI	
PŞP°CḡC,Ps	PµC-PrPIPëC%PµPSPSCḡ CḡC-PIPSCḡ C,CḡP°PSCḡP°PjC-PSP°P·
PḡPµC±P°CḡC,Ps	PµPsCḡCḡCḡPµPSPSCḡ C,,CḡPSPeC†C-C— PiPµC±C-PSPePë (PIPeP»CḡC±P°CḡC±Pë PiC-PrPIPëC%PµPSPSCḡ P»P"·P" (P»P°PeC,P°C,PrPµPiC-PrCḡPsPiPµPSP°P·Pë)), PiC-PrPIPëC%PµPSPSCḡ CḡC-PIPSCḡ P±C-P»C-CḡCḡP±C-PSCḡ, PiC-PrPIPëC%PµPSPSCḡ P"·P"·PŷPµ (PiP°PjPjP°- PiP»CḡC,P°PjC-P»C,CḡP°PSCḡPiPµPiC,PëPrP°P·Pë), PiC-PrPIPëC%PµPSPSCḡ Cḡ PeCḡPsPIC- CḡC-PIPSCḡ P»CḡP¶PSPsC— C,,PsCḡC,,P°C,P°P·Pë
P C-PrPePs	P-PsPIC,CḡPSPëC†Cḡ, PiPµPiP°C,PëC, (PiPµCḡPµPIP°P¶PSPs C...PsP»PµCḡC,P°C,PëC±PSPëPNë)

P"CrP¶Pµ CĤC-PrPePs	PαCfP»CHbPjC-PSP°PSC,PSPëPNē PiPµPiP°C,PëC,, C%Ps PiPsC,PµPSC†C-PNēPSPs PjPsP¶Pµ PiCĤPëP·PiPµC†C,Pë PrPs CĤPsP·PiPëC,PeCf PSPµP±PµP·PiPµC†PSPsC— PrP»C¶ P¶PëC,C,C¶ PiPµC†C-PSPePsPiPsC— PSPµPrPsC†C,P°C,PSPsC†C,C- (Cf C,,C‡. P· P»PµC,P°P»CHbPSPëPj PSP°C†P»C-PrPePsPj) (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»)
P— P±PsPeCž CēPeC-CĤPë C,P° PiC-PrCēPeC-CĤPSPsC— PeP»C-C,PePsPiPëPSPë	
PkPµC‡P°C†C,Ps	PŸPiPµCĤP±C-P¶, PiPëC†PëPiP°PSPSC¶, PeCĤPsPiPëPiBĤ™ C¶PSPeP°, C†CfC...C-C†C,CH CēPeC-CĤPë
P"CrP¶Pµ CĤC-PrPePs	P'CfP»CHbPsP·PSC- CēPeC-CĤPSC- CĤPµP°PeC†C-C—, C,P°PeC- C¶Pe C†PëPSPrCĤPsPj PŸC,C-PiPµPSC†P°-P"¶PsPSC†PsPSP° P°P±Ps C,PsPeC†PëC‡PSPëPNē PµPiC-PrPµCĤPjP°P»CHbPSPëPNē PSPµPeCĤPsP»C-P· (C%Ps PiPsC,PµPSC†C-PNēPSPs P·P°PiCĤPsP¶CfCĤC,CH P¶PëC,C,CĤ) (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»)
PšP°C†C,PsC,P° PSPµPIC-PrPsPjP°	P"PsC†C,CĤPëPNē PiPµPSPµCĤP°P»C-P·PsPiP°PSPëPNē PµPeP·PµPjP°C,PsP·PSPëPNē PiCfC†C,CfP»CHbPsP· (AGEP). P†PSPrCfPePsPiP°PSP° P»C-PeP°CĤC†CHbPePëPjPë P·P°C†PsP±P°PjPë PµPsP·PëPSPsC,,C-P»C-C¶ P· C†PëC†C,PµPjPSPëPjPë C†PëPjPiC,PsPjP°PjPë (DRESS) (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»), C,,C-PeC†PsPiP°PSPëPNē PjPµPrPëPeP°PjPµPSC,PsP·PSPëPNē PiPëC†PëPi, CĤPµP°PeC†C-C— C,,PsC,PsC†PµPSC†PëP±C-P»C-P·P°C†C-C— (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»)
P— P±PsPeCž PsPiPsCĤPSPs-CĤCžC...PsPiPsC— C†PëC†C,PµPjPë C,P° C†PiPsP»CžC‡PSPsC— C,PeP°PSPëPSPë*	
PkPµC‡P°C†C,Ps	PĥCĤC,CĤP°P»PiC-C¶, PjC-P°P»PiC-C¶
P C-PrPePs	PŸPµPSPrPëPSC-C, (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»), PiPsC†PjPëPeCfPiP°PSPSC¶ PjBĤ™ C¶P·C-PI, C†CfPrPsPjPë PjBĤ™ C¶P·C-PI, PjBĤ™ C¶P·PsPiP° C†P»P°P±PeC-C†C,CH
P"CrP¶Pµ CĤC-PrPePs	P PsP·CĤPëPI C†CfC...PsP¶PëP»CH (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»), P°CĤC,CĤPëC,, CĤPëPiC-PrPSC-C†C,CH PjBĤ™ C¶P·C-PI, P·P°PiPsC†C,CĤPµPSPSC¶ C†PëPjPiC,PsPjC-PI myasthenia gravis (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»)
PšP°C†C,PsC,P° PSPµPIC-PrPsPjP°	P P°P±PrPsPjC-PsP»C-P·
P— P±PsPeCž PSPëCĤPsPe C,P° C†PµC‡PsPiPëPrC-P»CHbPSPsC— C†PëC†C,PµPjPë	
PkPµC‡P°C†C,Ps	P"PµPiC-PrCĤP°C,P°C†C-C¶
P C-PrPePs	PµPsCĤCfCēPµPSPSC¶ C,,CfPSPeC†C-C— PSPëCĤPsPe (PiPeP»CĤC‡P°CĤC‡Pë P·P±C-P»CHCēPµPSPSC¶ P°P·PsC,Cf C†PµC‡PsPiPëPSPë C,P° PeCĤPµP°C,PëPSC-PSCf PiP»P°P·PjPë PeCĤPsPIC-), PSPëCĤPePsPiP° PSPµPrPsC†C,P°C,PSC-C†C,CH (PrPëPI. CĤPsP·PrC-P» B«PhC†PsP±P»PëPiPsC†C,C- P·P°C†C,Psc†CfPiP°PSPSC¶B»)
P— P°PiP°P»CHbPSC- CĤPsP·P»P°PrPë*	
PkPµC‡P°C†C,Ps	P—P°PiP°P»CHbPSP° C†P»P°P±PeC-C†C,CH (Pi PsC†PSPsPiPSPsPjCf P°C†C,PµPSC-C¶ P°P±Ps PIC,PsPjP»PµPSC-C†C,CH), PIC-PrC‡CfC,C,C¶ P±PsP»CĤ (PiPeP»CĤC‡P°CĤC‡Pë P±C-P»CH Cf PiPsPiPµCĤPµPeCf, PiCĤCfPrPSC-PNē PeP»C-C,C†C-, P±C-P»CH Cf PeC-PSC†C-PiPeP°C..., P±PsP»CĤC‡C-C†C,CH Cf PiCĤPsPµPeC†C-C— PjP°P»PsPiPs C,P°P·P°), PiC-PiPµCĤPiC-PrCĤPsP·
P C-PrPePs	PkP°P±CĤC¶Pe

P'CfP»Pë PrCfP¶Pµ CĤC-PrPeC-C†PSC- PiPëPiP°PrPePë C,P°PePëC... PiPsP±C-C‡PSPëC... CĤPµP°PeC†C-PNē, PiCĤPs C¶PeC- PiPsPIC-PrPsPjP»C¶P»Pë PiC-C†P»C¶ P»C-PeCfPiP°PSPSC¶ C-PSCēPëPjPë C,,C,PsCĤC...C-PSPsP»PsPSP°PjPë, C¶PeC-, PjPsP¶P»PëPiPs, C,P°PePsP¶ C,CĤP°PiP»C¶C,CHC†C¶ PiC-Pr C‡P°C† P»C-PeCfPiP°PSPSC¶ PjPsPeC†PëC,,P»PsPeC†P°C†PëPSPsPj: PiC-PrPiPëC%PµPSPSC¶ PiPSCfC,CĤC-CēPSCĤPsC‡PµCĤPµPiPSPsPiPs C,PëC†PeCf (Cf C,PsPjCf C‡PëC†P»C-

ΠίCΓΨμΠΙPrPsC, CίPjPsCΉ ΠiPsP»PsΠIPSPsPiPs PjPsP·PeCί), ΠiC-ΠiPμCΉPSP°C, CΉC-C”PjC-CΪ, ΠiC-ΠiPμCΉPeP°P»CHC†C-C”PjC-CΪ, ΠiPμPjPsP»C-C, PēC‡PSP° P°PSPμPjC-CΪ.

* P”CίP¶Πμ CΉC-PrPeC-CΓPSC- ΠIPēΠiP°PrPePē C, CΉPēΠIP°P»PēC... (PrPs PjC-CΓCΪC†C-ΠI P°P±Ps CΉPsPeC-ΠI), C-PSPIP°P»C-PrPēP·CίCΉC‡PēC... C, P° ΠiPsC, PμPSC†C-ΠN°PSPs PSPμP·ΠIPsCΉPsC, PSPēC... CΓPμCΉΠN°PsP·PSPēC... CΉPμP°PeC†C-ΠN°PSP° P»C-PeP°CΉCΓCHPeC- P·P°CΓΨsP±Pē, C%°Ps P·P°C‡C-ΠiP°CΉC, CH PeC-P»CHPeP°, C-PSPsPrC-PjPSPsP¶PēPSPSC-, PeP»P°CΓPē CΓPēCΓC, PμPj PsCΉΠiP°PSC-ΠI C, P° PsCΉΠiP°PSC-ΠI C‡CίC, C, CΪ (ΠIPeP»CHC‡P°CHC‡Pē C, P°PeC- CΉPμP°PeC†C-C— CΪPe C, PμPSPPrPēPSC-C,, CΉPsP·CΉPēΠI CΓCίC...PsP¶PēP»P»CΪ, P°CΉC, CΉP°P»ΠiC-CΪ, P±C-P»CH Cί PeC-PSC†C-ΠIPeP°C..., ΠiPsCΉCίC€PμPSPSCΪ C...PsPrPē; Cί PrPμCΪPePēC... ΠIPēΠiP°PrPeP°C... ΠiPsPIC-PrPsPjP»CΪP»PsCΓCΪ ΠiCΉPs PSPμPICΉPsΠiP°C, C-CH, ΠiPsΠiBΉ™ CΪP·P°PSCί P· ΠiP°CΉPμCΓC, PμP·C-C”CH, PrPμΠiCΉPμCΓC-C”CH, ΠIC, PsPjPsCH, ΠiPsCΉCίC€PμPSPSCΪPj ΠiP°PjBΉ™ CΪC, C-, ΠiPsCΉCίC€PμPSPSCΪPjPē CΓPSCί C, P° ΠiPsCΉCίC€PμPSPSCΪPjPē CΓP»CίC...Cί, P·PsCΉCί, CΓPjP°PeCί C, P° P·P°ΠiP°C...Cί; C, CΉPēΠIPsP¶PSC-CΓC, CH, CΓCίC—C†PēPrP°P»CHPSC- PrCίPjPePē, ΠiP°PSC-C‡PSC- P°C, P°PePē, PSPμPICΉP°P»ΠiC-CH C, P° ΠiPsCΉCίC€PμPSPSCΪ PePsPSC†PμPSC, CΉP°C†C-C— CίΠIP°ΠiPē), C%°Ps ΠiPsΠiBΉ™ CΪP·P°PSC- P·C- P·P°CΓC, PsCΓCίΠIP°PSPSCΪPj C...C-PSPsP»PsPSC-ΠI C, P° C,, C, PsCΉC...C-PSPsP»PsPSC-ΠI, PSPμP·P°P»PμP¶PSPs PIC-Pr CΉP°PSC-C€Pμ C-CΓPSCίCHC‡PēC... C,, P°PeC, PsCΉC-ΠI CΉPēP·PēPeCί (PrPēΠI. CΉPsP·PrC-P» B«PhCΓΨsP±P»PēΠIPsCΓC, C- P·P°CΓC, PsCΓCίΠIP°PSPSCΪB»).

** PJ ΠiP°C†C-C”PSC, C-ΠI, CΪPeC- PsC, CΉPēPjCίΠIP°P»Pē C,, C, PsCΉC...C-PSPsP»PsPSPē, ΠiPsPIC-PrPsPjP»CΪP»PsCΓCΪ ΠiCΉPs ΠIPēΠiP°PrPePē P°PSPμPICΉPēP·PjPē C, P° PrPēCΓPμPeC†C-C— P°PsCΉC, Pē, C-PSPePsP»Pē CίCΓPeP»P°PrPSPμPSC- CΉPsP·CΉPēΠIPsPj (ΠIPeP»CHC‡P°CHC‡Pē P»PμC, P°P»CHPSC- ΠIPēΠiP°PrPePē), C, P° CΉPμΠiCίCΉΠiC-C, P°C†C-C—/PSPμPrPsCΓC, P°C, PSPsCΓC, C- P±CίPrCH·CΪPePsPiPs P· PeP»P°ΠiP°PSC-ΠI CΓPμCΉC†CΪ (PrPēΠI. CΉPsP·PrC-P» B«PhCΓΨsP±P»PēΠIPsCΓC, C- P·P°CΓC, PsCΓCίΠIP°PSPSCΪB»).

PjPμCΉPjC-PS ΠiCΉPēPrP°C, PSPsCΓC, C-. 3 CΉPsPePē.

PjPjPsΠIPē P·P±PμCΉC-ΠiP°PSPSCΪ. P—P±PμCΉC-ΠiP°C, Pē ΠI PsCΉPēΠiC-PSP°P»CHPSC-ΠN° CίΠiP°PePsPIC†C- ΠiCΉPē C, PμPjΠiPμCΉP°C, CίCΉC- PSPμ ΠIPēC%°Pμ 25 °PŸ Cί PSPμPrPsCΓC, CίΠiPSPsPjCί PrP»CΪ PrC-C, PμΠN° PjC-CΓC†C-.

PjΠiP°PePsΠIPeP°. PμPs 10 C, P°P±P»PμC, PsPe Cί P±P»C-CΓC, PμCΉC-; ΠiPs 1 P±P»C-CΓC, PμCΉCί ΠI PeP°CΉC, PsPSPSC-ΠN° PePsCΉPsP±C†C-.

P°P°C, PμΠiPsCΉC-CΪ ΠIC-PrΠiCίCΓPeCί. P—P° CΉPμC†PμΠiC, PsPj.

P’PēCΉPsP±PSPēPe. P”PμC, PμCΉPs P>P°P±P· P>C-PjC-C, PμPr/Hetero Labs Limited.

**P_{HC}-C₁C₁P_μP•PSP°C...PsPrP¶P_μPSPSC¶ PIPëC₅PsP±PSPëPeP° C,P° P°PrC₅P_μC₁P°
PjC-C₁C₁C¶ P_iC₅PsPIP°PrP¶P_μPSPSC¶ PN₂PsPiPs PrC-C¶P»CH₅PSPsC₁C,C-.**

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