

Р†РќРЎРЎР РЈРЉРІР†РІ

**РrP»CЏ РjPμРrPөC±PSPsPiPs Р·Р°CЏC,PsCЏCЏPIP°PSPSCЏ Р»C-РөP°CЏCЏPөPsPiPs
Р·Р°CЏPs±CЏ**

Р”РμРњPsPμР·РќР·Рњ^{В®}

(DEMOPENEM^{В®})

РЎРөP»Р°Рr:

РrC-CHC±P° CЏPμC±PsPIPөPSP°: meropenem;

1 C„P»P°PePsPS РjC-CЏC,РөC,CH РjPμCЏPsPiPμPSPμРjCЏ C,CЏPөPiC-РrCЏP°C,CЏ
РμРөPIC-PIP°P»PμPSC,PSPs РjPμCЏPsPiPμPSPμРjCЏ Р±РμP·PIPsРrPSPsРjCЏ 500 РjPi Р°Р±Ps
1000 РjPi;

*РrPsPiPsРjC-РЏPSP° CЏPμC±PsPIPөPSP°: PSP°C,CЏC-CH РөP°CЏP±PsPSP°C,
Р±РμP·PIPsРrPSPөP№.*

Р·C-РөP°CЏCЏPөPsC„PsCЏРjP°. РμPsCЏPsCөPsPe РrP»CЏ CЏPsP·C±PөPSCЏ РrP»CЏ
C-PSBЏ™C”РөCЏC-Р№.

*РћCЏPSPsPIpsc- C„C-P·РөPePs-C...C-РjC-C±PSC- PIP»P°CЏC,РөPIPsCЏC,C-:
РөCЏPөCЏC,P°P»C-C±PSPөP№ PiPsCЏPsCөPsPe PIC-Рr Р±C-Р»PsPiPs РrPs CЏPIC-C,P»Ps-
РЏPsPIC,PsPiPs РөPsP»CHPsCЏCЏ.*

Р±P°CЏРjP°РөPsC,РμCЏP°PiPμPIC,РөC±PSP° PiCЏCЏPiP°.

РμCЏPsC,РөРjC-РөCЏPsP±PSC- Р·Р°CЏPsP±Pө РrP»CЏ CЏPөCЏC,РμРjPSPsPiPs
Р·Р°CЏC,PsCЏCЏPIP°PSPSCЏ. РљP°CЏP±P°PiPμPSPμРjPө.

РљPsРr РћРЎРІ J01D H02.

Р±P°CЏРjP°РөPsP»PsPiC-C±PSC- PIP»P°CЏC,РөPIPsCЏC,C-.

Р±P°CЏРjP°РөPsРrPөPSP°РjC-РөP°.

РњРμCЏPsPiPμPSPμРj C±PөPSPөC,CH Р±P°РөC,РμCЏPөC±PөРrPSCЏ РrC-CH CөP»CЏC...PsРj
C-PSPiC-Р±CЏPIP°PSPSCЏ CЏPөPSC,РμP·CЏ CЏC,C-PSPsPe Р±P°РөC,РμCЏC-Р°P»CHPSPөC...
РөP»C-C,РөPS CЏ PiCЏP°РjPiPsP·РөC,РөPIPsPөC... C- PiCЏP°РjPSPμPiP°C,РөPIPsPөC...
Р±P°РөC,РμCЏC-Р№ CөP»CЏC...PsРj Р·PiBЏ™CЏP·CЏPIP°PSPSCЏ Р· Р±C-Р»РөP°РjPө, C%Ps

P_μPsC€PëC₇P_μPSC-CÍC,CH PSP°P±CÍC,PsC— C₇P_μP·PëCÍC,P_μPSC,PSPsCÍC,C- PjPsP¶P_μ
P·PjC-PSC₇PIP°C,PëCÍC¶ PiP_μPsPiC₇P°C,,C-C±PSPs C,P° CÍ C±P°CÍC- PrP»C¶ PsPeC₇P_μPjPëC...
PIPëPrC-PI, C,PsPjCÍ P±P°P¶P°PSPs PIC₇P°C...PsPICÍPIP°C,Pë PjC-CÍC±P_μPICÍ
C-PSC,,PsC₇PiP°C±C-C₇ C%PsPrPs C₇P_μP·PëCÍC,P_μPSC,PSPsCÍC,C-

PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI, PsC₇PsP±P»PëPIP_s PiC₇Pë P»C-PeC₇PIP°PSPSC-
C,CIIP¶PePëC... C-PSC,,PµPeC†C-PN₆. PJ C₇P°P·C- PSPµPsP±C...C-PrPSPsC₇C,C-, PePsP»Pë
C₇C-PIPµPSC₇ PiPsCëPëC₇PµPSPsC₇C,C- C₇PµP·PëC₇C,PµPSC,PSPsC₇C,C-
PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI PSP° PjC-C₇C†PµPIP_sPjC₇C-PIPSC- C'' C,P°PePëPj, C%Ps
PePsC₇PëC₇C,CH PIC-Pr P·P°C₇C,PsC₇C₇PIP°PSPSC₇ P»C-PeP°C₇C₇CHPePsPiPs
P·P°C₇PsP±C₇, PiC₇PëPSP°PN₆PjPSC- C%PsPrPs PrPµCIIPePëC... PIPëPrC-PI
C-PSC,,PµPeC†C-PN₆, PIPëPeP»PëPeP°C'' C₇C₇PjPSC-PIPë, C₇P»C-Pr P·PIPµC₇PSC₇C,PëC₇C₇
P·P° PePsPSC₇C₇P»CHC,P°C†C-C''C₇ PrPs PµPeC₇PiPµC₇C,P°.

PkPëP¶C†Pµ PiPµC₇PµC₇P°C...PsPIP°PSPs PiP°C,PsPiPµPSPSC- PjC-PeC₇PsPsC₇PiP°PSC-P·PjPë
P·PiC-PrPSPs P· PeP»C-PSC-C†PSPëPj PrPsC₇PIC-PrPsPj C- C,PµC₇P°PiPµPIC,PëC†PSPëPjPë
PiC₇PsC,PsPePsP»P°PjPë P»C-PeC₇PIP°PSPSC₇ P·P°C...PIP_sC₇CHPIP°PSC₇.

P—P°P·PIPëC†P°PN₆ C†C₇C,P»PëPIC- PIPëPrPë

P''C₇P°PjPiPsP·PëC,PëPIPSC- P°PµC₇PsP±Pë: *Enterococcus faecalis*⁷, *Staphylococcus aureus*
(PjPµC,PëC†PëP»C-PSC†C₇C,P»PëPIPëPN₆)⁸, *Staphylococcus species*
(PjPµC,PëC†PëP»C-PSC†C₇C,P»PëPIPëPN₆), C₇ C,PsPjC₇ C†PëC₇P»C- *Staphylococcus epidermidis*,
Streptococcus agalactiae (PiC₇C₇PiP° P'), *PiC₇C₇PiP° Streptococcus milleri* (*S. anginosus*, *S.*
constellatus C,P° *S. intermedius*), *Streptococcus pneumonia*, *Streptococcus pyogenes* (PiC₇C₇PiP°
Ph)).

P''C₇P°PjPSPµPiP°C,PëPIPSC- P°PµC₇PsP±Pë: *Citrobacter freudii*, *Citrobacter koseri*,
Enterobacter aerogenes, *Enterobacter cloacae*, *Escherichia coli*, *Haemophilus influenza*, *Klebsiella*
oxytoca, *Klebsiella pneumonia*, *Morganella morganii*, *Neisseria meningitides*, *Proteus mirabilis*,
Proteus vulgaris, *Serratia marcescens*.

P''C₇P°PjPiPsP·PëC,PëPIPSC- P°PSP°PµC₇PsP±Pë: *Clostridium perfringens*, *Peptoniphilus*
asaccharolyticus, *Peptostreptococcus species* (C₇ C,PsPjC₇ C†PëC₇P»C- *P. micros*, *P. anaerobius*,
P. magnus).

P''C₇P°PjPSPµPiP°C,PëPIPSC- P°PSP°PµC₇PsP±Pë: *Bacteroides caccae*, *PiC₇C₇PiP° Bacteroides*
fragilis, *Prevotella bivia*, *Prevotella disiens*.

P'PëPrPë, PrP»C₇ CIIPePëC... PSP°P±C₇C,P° C₇PµP·PëC₇C,PµPSC,PSC-C₇C,CH PjPsP¶Pµ
P±C₇C,Pë PiC₇PsP±P»PµPjPsC₇

P''C₇P°PjPiPsP·PëC,PëPIPSC- P°PµC₇PsP±Pë: *Enterococcus faecium*^{7,9}.

P''C₇P°PjPSPµPiP°C,PëPIPSC- P°PµC₇PsP±Pë: *Acinetobacter species*, *Burkholderia cepacia*,
Pseudomonas aeruginosa.

P—P° C₇PIP_sC''C₇ PiC₇PëC₇PsPrPsC₇ C₇PµP·PëC₇C,PµPSC,PSC-
PjC-PeC₇PsPsC₇PiP°PSC-P·PjPë

P''C₇P°PjPSPµPiP°C,PëPIPSC- P°PµC₇PsP±Pë: *Stenotrophomonas maltophilia*, *Legionella species*.

P†PSCëC- PjC-PeC₇PsPsC₇PiP°PSC-P·PjPë: *Chlamydophila pneumonia*, *Chlamydophila psittaci*,
Coxiella burnetii, *Mycoplasma pneumonia*.

⁷ P'PëPrPë, CIIPeC- PIPëC₇PIPëP»Pë PiC₇PëC₇PsPrPSC₇ PiC₇PsPjC-P¶PSC₇
C†C₇C,P»PëPIC-C₇C,CH.

⁸ PJCÍC- PjPμC, PēC†PēP»C-PSCĤPμP·PēCÍC, PμPSC, PSC- CÍC, P°C,, C-P»PsPePsPePē C”
CĤPμP·PēCÍC, PμPSC, PSPēPjPē PrPs PjPμCĤPsPīPμPSPμPjCÍ.

⁹ PμPsPeP°P·PSPēPe CĤPμP·PēCÍC, PμPSC, PSPsCÍC, C- >50 % PI PsPrPSC-PNē P°P±Ps
PeC-P»CHPePsC... PeCĤP°C—PSP°C... P,,PŸ.

PŸP°Pī C- PjPμP»C-PsC—PrPsP·: P·P°CÍC, PsCÍCÍPIP°PSPSCĬ PjPμCĤPsPīPμPSPμPjCÍ CÍ
P»CĤPrPμPNē P±P°P·CÍC”C, CHCÍCĬ PSP° PrP°PSPēC... C†CÍC, P»PēPIPsCÍC, C- PrPs *B. mallei* C-
B. pseudomallei in vitro C- PSP° PsP±PjPμP¶PμPSPēC... PrP°PSPēC... CÍ P»CĤPrPμPNē.
P>C-PeP°CĤC- PīPsPIPēPSPSC- CÍPīPēCĤP°C, PēCÍCĬ PSP° PSP°C†C-PsPSP°P»CHPSC-
C, P°/P°P±Ps PjC-P¶PSP°CĤPsPrPSC- PePsPSCÍPμPSCÍCÍCÍPSC- PrPsPeCÍPjPμPSC, Pē, C%Ps
CÍC, PsCÍCÍCĤC, CHCÍCĬ P»C-PeCÍPIP°PSPSCĬ CÍP°PīCÍ C- PjPμP»C-PsC—PrPsP·CÍ.

PαP°CĤPjP°PePsPeC-PSPμC, PēPeP°.

PJ P·PrPsCĤPsPIPēC... PrPsP±CĤPsPIPsP»CHC†C-PI CÍPμCĤPμPrPSC-PNē PīPμCĤC-PsPr
PSP°PīC-PIPIPēPIPμPrPμPSPSCĬ P· PīP»P°P·PjPē PeCĤPsPIC- ($t_{1/2}$) CÍC, P°PSPsPIPēC, CH
PīCĤPēP±P»PēP·PSPs 1 PīPsPrPēPSCÍ; CÍPμCĤPμPrPSC-PNē PsP±BĤ™ C”Pj
CĤPsP·PīPsPrC-P»CÍ CÍC, P°PSPsPIPēC, CH PīCĤPēP±P»PēP·PSPs 0,25 P»/PePi (11-27 P»);
CÍPμCĤPμPrPSC-PNē PeP»C-CĤPμPSCÍ CÍC, P°PSPsPIPēC, CH 287 PjP»/C...PI PīCĤPē
P·P°CÍC, PsCÍCÍPIP°PSPSC- PīCĤPμPīP°CĤP°C, CÍ PI PrPsP·C- 250 PjPi, P·C-
P·PSPēP¶PμPSPSCĬPj PeP»C-CĤPμPSCÍCÍ PrPs 205 PjP»/C...PI PīCĤPē
P·P°CÍC, PsCÍCÍPIP°PSPSC- PīCĤPμPīP°CĤP°C, CÍ PI PrPsP·C- 2 Pi. PμCĤPē
P·P°CÍC, PsCÍCÍPIP°PSPSC- PīCĤPμPīP°CĤP°C, CÍ PI PrPsP·P°C... 500, 1000 C- 2000 PjPi,
C%Ps PIIPsPrPēP»PēCÍCĬ CÍ PIPēPīP»CĬPrC- C-PSC,, CÍP·C-C— PīCĤPsC, CĬPiPsPj 30
C...PIPēP»PēPS, CÍPμCĤPμPrPSC- P·PSP°C†PμPSPSCĬ PjP°PeCÍPēPjP°P»CHPSPsC—
PePsPSC†PμPSC, CĤP°C†C-C— (C_{max}) PIC-PrPīPsPIC-PrPSPs CÍC, P°PSPsPIPēP»Pē
PīCĤPēP±P»PēP·PSPs 23, 49 C- 115 PjPePi/PjP»; PIC-PrPīPsPIC-PrPSC-
P·PSP°C†PμPSPSCĬ PīP»PsC%C- PīC-Pr PeCĤPēPIPsCĤ
B«PePsPSC†PμPSC, CĤP°C†C-CĬ-C†P°CÍB» (AUC) CÍC, P°PSPsPIPēP»Pē 39,3, 62,3 C- 153
PjPePi×PiPsPr/PjP». PμC-CÍP»CĬ PīCĤPsPIPμPrPμPSPSCĬ C-PSC,, CÍP·C-C—
PīCĤPsC, CĬPiPsPj 5 C...PIPēP»PēPS C_{max} CÍC, P°PSPsPIPēP»P° 52 C- 112 PjPePi/PjP»
PīCĤPē PIPIPμPrPμPSPSC- PīCĤPμPīP°CĤP°C, CÍ CÍ PrPsP·P°C... 500 C- 1000 PjPi
PIC-PrPīPsPIC-PrPSPs. PμCĤPē PIPIPμPrPμPSPSC- PeC-P»CHPePsC... PrPsP·
PīCĤPμPīP°CĤP°C, CÍ PePsP¶PSC- 8 PīPsPrPēPS PīP°C†C-C”PSC, P°Pj C-P·
PSPsCĤPjP°P»CHPSPsCĤ C,, CÍPSPeC†C-C”CĤ PSPēCĤPsPe PSP°PePsPīPēC†PμPSPSCĬ
PjPμCĤPsPīPμPSPμPjCÍ PSPμ CÍPīPsCÍC, PμCĤC-PiP°P»PsCÍCĬ.

PJ PīCĤPsC†PμCÍC- PrPsCÍP»C-PrP¶PμPSCĤ CÍ PīP°C†C-C”PSC, C-PI, CĬPePēPj PIIPsPrPēP»Pē
PjPμCĤPsPīPμPSPμPj CÍ PrPsP·C- 1000 PjPi PePsP¶PSC- 8 PīPsPrPēPS PīC-CÍP»CĬ
PīCĤPsPIPμPrPμPSPSCĬ C...C-CĤCÍCĤPiC-C†PSPsC— PsPīPμCĤP°C†C-C— P· PīCĤPēPIPsPrCÍ
C-PSC, CĤP°P°P±PrPsPjC-PSP°P»CHPSPēC... C-PSC,, PμPeC†C-PNē, P±CÍP»Pē PIPēCĬPIP»PμPSC-
P·PSP°C†PμPSPSCĬ PīPsPeP°P·PSPēPeC-PI C_{max} C- $t_{1/2}$, CĬPeC- PIC-PrPīPsPIC-PrP°P»Pē
PīPsPeP°P·PSPēPeP°Pj P·PrPsCĤPsPIPēC... PrPsP±CĤPsPIPsP»CHC†C-PI, P°P»Pμ PjP°P»Pē
P±C-P»CHCēPēPNē PsP±BĤ™ C”Pj CĤPsP·PīPsPrC-P»CÍ (27 P»).

P PsP·PīPsPrC-P»

PŸPμCĤPμPrPSC” P·PSP°C†PμPSPSCĬ P·PīBĤ™ CĬP·CÍPIP°PSPSCĬ PjPμCĤPsPīPμPSPμPjCÍ P·
P±C-P»PeP°PjPē PīP»P°P·PjPē PeCĤPsPIC- CÍC, P°PSPsPIPēP»Ps PīCĤPēP±P»PēP·PSPs 2 % C-

PSP_μ P·P°P»P_μP¶P°P»Ps PIC-Pr PePsPSC†P_μPSC, C₇H[°]C†C-C— PīC₇H_μPīP°C₇H[°]C, Cr.
P_μC-Cl†P»C₇ C€PIPēPrPePsPiPs PIPIP_μPrP_μPSPSC₇ PīC₇H_μPīP°C₇H[°]C, Cr (5 C...PIPēP»PēPS
P°P±Ps PjP_μPSC€P_μ) C,,P°C₇H_μP°PePsPeC-PSP_μC,PēPeP° C”
P±C-P_μPeC†PīPsPSP_μPSC†C-P°P»CH_μSPSC₇, P°P»P_μ C†P_μ C” PSP°P±P°PiP°C,Ps PjP_μPSC€
PsC†P_μPIPēPrPSPēPj PīC-Cl†P»C₇ 30-C...PIPēP»PēPSPSPSC— C-PSC,,CrP·C-C—. P’CrP»Ps
PIPēC₇PIP»P_μPSPs, C%₀Ps PjP_μC₇H_μPsPīP_μPSP_μPj PrPsP±C₇H_μ PīC₇H_μPsPSPēPeP°C” Cr PrP_μC₇PeC-
C₇H-C-PrPēPSPē C,P° C,PeP°PSPēPSPē PsC₇H_μPiP°PSC-P·PjCr, PIPeP»C₇H_μC†P°C₇H_μC†Pē P»P_μPiP_μPSC-,
P±C₇H_μPsPSC...C-P°P»CH_μSPSPēP_μ C†P_μPeC₇H_μC,, P¶PsPIC†, Cl†PīPēPSPSPsPjPsP·PePsPIC†
C₇H-C-PrPēPSCr, C,PeP°PSPēPSPē Cl†C,P°C,P_μPIPēC... PsC₇H_μPiP°PSC-PI P¶C-PSPePē, C€PeC-C₇H_μCr,
C,,P°C†C†C-C—, Pj₇H[™] C₇IP·Pē C- PīP_μC₇H_μPēC,PsPSP_μP°P»CH_μPSC- P_μPeC†CrPrP°C,Pē.

P_μPeC,P°P±PsP»C-P·Pj

P_μPeC₇H_μPsPīP_μPSP_μPj PjP_μC,P°P±PsP»C-P·CrC”C,CH_μC†C₇ C€P»C₇IC...PsPj PīC-PrC₇H_μPsP»C-P·Cr
P±P_μC,P°-P»P°PeC,P°PjPSPsPiPs PeC-P»CH_μC†C₇, CrC,PIPsC₇H_μC₇H_μC†Pē
PjC-PeC₇H_μPsP±C-PsP»PsPiC-C†PSPs PSP_μP°PeC,PēPIPSPēP_μ PjP_μC,P°P±PsP»C-C., P’
CrPjPsPiP°C... *in vitro* PjP_μC₇H_μPsPīP_μPSP_μPj PrP_μPjPsPSC†C,C₇H_μCrC” P·PSPēP¶P_μPSCr
Cl†PīC₇H_μPēP_μPSC₇IC,P»PēPIC-Cl†C,CH_μ PrPs PīC-PrC₇H_μPsP»C-P·Cr PīC-Pr PrC-C”C₇
PrP_μPiC-PrC₇H_μPsPīP_μPiC,PēPrP°P·Pē-P† (P”P”P_μ-P†) P»C₇H_μPrPēPSPē PīPsC₇H_μ-PIPSC₇IPSPs P·
C-PjC-PīP_μPSP_μPjPsPj, C- PīPsC,C₇H_μP_μP±Pē PI PsPrPSPsC†P°Cl†PSPsPjCr
P·P°Cl†C,PsCl†CrPiP°PSPSC- C-PSPiC-P±C-C,PsC₇H_μP° P”P”P_μ-P† PSP_μPjP°C”.

P’PēPIP_μPrP_μPSPSC₇IC

P_μPeC₇H_μPsPīP_μPSP_μPj PIPēPIPsPrPēC,CH_μC†C₇ PSP°Cl†P°PjPīP_μC₇H_μPr Cr
PSP_μP·PjC-PSP_μPSPsPjCr PIPēPiP»C₇IPrC- PSPēC₇H_μPeP°PjPē; PīC₇H_μPēP±P»PēP·PSPs 70 % (50-75
%) PrPsP·Pē PīC₇H_μPiP°C₇H[°]C, Cr PIPēPIPsPrPēC,CH_μC†C₇ Cr PSP_μP·PjC-PSP_μPSPsPjCr
PIPēPiP»C₇IPrC- PīC₇H_μPsC,C₇IPiPsPj 12 PiPsPrPēPS. P©P_μ 28 % PIPēPrC-P»C₇IC”C,CH_μC†C₇ Cr
PIPēPiP»C₇IPrC- PjC-PeC₇H_μPsP±C-PsP»PsPiC-C†PSPs PSP_μP°PeC,PēPIPSPsPiPs
PjP_μC,P°P±PsP»C-C, Cr. P’PēPIP_μPrP_μPSPSC₇IC P· PeP°P»PsPj Cl†C,P°PSPsPiPēC,CH_μ P»PēC€P_μ
PīC₇H_μPēP±P»PēP·PSPs 2 % PIC-Pr PrPsP·Pē. P’PēPjC-C₇H_μIPSPēP_μ PSPēC₇H_μPePsPiPēP_μ
PeP»C-C₇H_μPSC† C,P° P_μC,,P_μPeC, PīC₇H_μPsP±P_μPSP_μC†PēPrCr PīPsPeP°P·CrC₇H_μ,CH_μ, C%₀Ps
PjP_μC₇H_μPsPīP_μPSP_μPj PīC-PrPrP°C”C,CH_μC†C₇ C₇IPe C,,C-P»CH_μC,C₇H[°]C†C-C—, C,P°Pe C-
PeP°PSP°P»CH_μC†P_μPIC-P_μ C†P_μPeC₇H_μC†C-C—.

PkPēC₇H_μPePsPiP° PSP_μPrPsCl†C,P°C,PSC-Cl†C,CH

P_μPsC₇H_μCrC€P_μPSPSC₇IC C,,CrPSPeC†C-C— PSPēC₇H_μPsPe P·CrPjPsPiP»C₇H_μC” PīPsC₇IPICr
PIPēCl†PsPePēC... PīPsPeP°P·PSPēPeC-PI AUC Cr PīP»P°P·PjC- PeC₇H_μPsPIC- C-
C,C₇H_μPēPIP°P»C-C€PēP_μ t_{1/2} PjP_μC₇H_μPsPīP_μPSP_μPjCr. PŸPīPsCl†C,P_μC₇H_μ-PiP°P»PsCl†C₇
P·P±C-P»CH_μC€P_μPSPSC₇IC PīPsPeP°P·PSPēPeC-PI AUC Cr 2,4 C₇H[°]P·P° Cr PīP°C†C-C”PSC,C-PI P·
PīPsPjC-C₇H_μPSPēPjPē PīPsC₇H_μCrC€P_μPSPSC₇IPjPē C,,CrPSPeC†C-C— PSPēC₇H_μPsPe
(PeP»C-C₇H_μPSC† PeC₇H_μP_μC,PēPSC-PSCr (P_μP_μ) 33-74 PjP»/C...PI), Cr 5 C₇H[°]P·C-PI B₇” Cr
PīP°C†C-C”PSC,C-PI P· C,C₇IP¶PePēPjPē PīPsC₇H_μCrC€P_μPSPSC₇IPjPē C,,CrPSPeC†C-C—
PSPēC₇H_μPsPe (P_μP_μ 4-23 PjP»/C...PI) C- PI 10 C₇H[°]P·C-PI B₇” Cr PīP°C†C-C”PSC,C-PI, C₇IPeC-
PīP_μC₇H_μP_μP±CrPiP°C₇H_μ,CH_μ PSP° PīP_μPjPsPrC-P°P»C-P·C- (P_μP_μ <2 PjP»/C...PI)
PīPsC₇H_μ-PIPSC₇IPSPs P·C- P·PrPsC₇H_μPsPiPēPjPē PrPsP±C₇H_μPsPiPsP»CH_μC†C₇IPjPē (P_μP_μ>80
PjP»/C...PI). P_μPsPeP°P·PSPēPePē AUC PjC-PeC₇H_μPsP±C-PsP»PsPiC-C†PSPs
PSP_μP°PeC,PēPIPSPsPiPs PjP_μC,P°P±PsP»C-C, Cr P· PIC-PrPeC₇H_μPēC,PēPj PeC-P»CH_μC†P_μPj
C,P°PePsP¶ P·PSP°C†PSPs PīC-PrPiPēC%₀CrPiP°P»PēCl†C₇ Cr PīP°C†C-C”PSC,C-PI P·
PīPsC₇H_μCrC€P_μPSPSC₇IPjPē C,,CrPSPeC†C-C— PSPēC₇H_μPsPe. P_μPsC₇H_μP_μPeC†C-C₇IPrPsP·Pē
PīC₇H_μPiP°C₇H[°]C, Cr C₇H_μPePsPjP_μPSPrCrC”C,CH_μC†C₇ PīP°C†C-C”PSC,P°Pj P·

PIPsPjC-CTPSPëPjPë C,P° C,CIIP¶PePëPjPë PIPsCTjCfC€PµPSPSCIIPIjPë C,,CfPSPeC†C-C—
PSPëCTjPsPe (PrPëPI. CTjPsP·PrC-P» B«PÿPIPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCII C,P°
PrPsP·PëB»).

PµPµCTjPsPiPµPSPµPj PIPëPIPsPrPëC,CHCfCII C€P»CIIC...PsPj PiPµPjPsPrC-P°P»C-P·Cf P·
PeP»C-CTjPµPSCfPsPj, C%oPs P±CfPI PiC-Pr C†P°Cf PiCTjPsPIPµPrPµPSPSCII
PiPµPjPsPrC-P°P»C-P·Cf PiCTjPëP±P»PëP·PSPs PI 4 CTjP°P·Pë PIPëC%oPëPNë, PSC-P¶ Cf
PiP°C†C-C"PSC,C-PI P· P°PSCfCTjC-C"CH.

PµPµC†C-PSPePsPIP° PSPµPrPsCfC,P°C,PSC-CfC,CH

P"PsCfP»C-PrP¶PµPSPSCII P· CfC†P°CfC,CH PiP°C†C-C"PSC,C-PI P· P°P»PePsPiPsP»CHPSPëPj
C†PëCTjPsP·PsPj PiPµC†C-PSPePë PIPsPeP°P·CfC" PIC-PrCfCfC,PSC-CfC,CH PIPiP»PëPICf
P·P°C...PIPsCTjCHPIP°PSPSCII PiPµC†C-PSPePë PSP° C,,P°CTjPjP°PePsPeC-PSPµC,PëPeCf
PjPµCTjPsPiPµPSPµPjCf PiC-CfP»CI P·P°CfC,PsCfCfPIP°PSPSCII PIPsPIC,PsCTjPSPëC... PrPsP·
PiCTjPµPiP°CTjP°C,Cf.

P"PsCTjPsCfP»C- PiP°C†C-C"PSC,Pë

P"PsCfP»C-PrP¶PµPSPSCII C,,P°CTjPjP°PePsPeC-PSPµC,PëPePë, PiCTjPsPIPµPrPµPSC- P·P°
CfC†P°CfC,CH PiP°C†C-C"PSC,C-PI, PSPµ PIPëCIPIPëP»Pë P·PSP°C†PSPëC...
C,,P°CTjPjP°PePsPeC-PSPµC,PëC†PSPëC... PIC-PrPjC-PSPSPsCfC,PµPNë PIPsCTjC-PIPSCIIIPSPs
P·C- P·PrPsCTjPsPIPëPjPë PrPsP±CTjPsPIPsP»CHC†CIPIjPë P· P°PSP°P»PsPiC-C†PSPsCH
C,,CfPSPeC†C-C"CH PSPëCTjPsPe. PµPsPiCfP»CIIC†C-PNëPSP° PjPsPrPµP»CH,
CTjPsP·CTjPsP±P»PµPSP° PSP° PsCfPSPsPIC- PrP°PSPëC... PiP°C†C-C"PSC,C-PI P·
C-PSC,CTjP°P·P±PrPsPjC-PSP°P»CHPSPsCH C-PSC,,PµPeC†C-C"CH P°P±Ps
PiPSPµPIPIjPsPSC-C"CH, PIPsPeP°P·P°P»P° P·P°P»PµP¶PSC-CfC,CH PsCfPSPsPIPSPsPiPs
PsP±BTM C"PjCf PIC-Pr PjP°CfPë C,C-P»P°, PeP»C-CTjPµPSCfCf PeCTjPµP°C,PëPSC-PSCf C-
PIC-PeCf.

P"C-C,Pë

P"PsCfP»C-PrP¶PµPSPSCII C,,P°CTjPjP°PePsPeC-PSPµC,PëPePë Cf PSPµPjPsPIP»CIIC, C-
PrC-C,PµPNë P· C-PSC,,PµPeC†C-C"CH PiCTjPë P·P°CfC,PsCfCfPIP°PSPSC- PiCTjPµPiP°CTjP°C,Cf
Cf PrPsP·P°C... 10, 20 C- 40 PjPi/PePi PiCTjPsPrPµPjPsPSCfC,CTjCfPIP°P»Pë P·PSP°C†PµPSPSCII
C_{max}, C%oPs PSP°P±P»PëP¶P°CTjC,CHCfCII PrPs P·PSP°C†PµPSPCH, PIPëCIPIP»PµPSPëC... Cf
PrPsCTjPsCfP»PëC... PiC-CfP»CI P·P°CfC,PsCfCfPIP°PSPSCII PiCTjPµPiP°CTjP°C,Cf Cf
PrPsP·P°C... 500, 1000 C- 2000 PjPi PIC-PrPiPsPIC-PrPSPs. PαP°CTjPjP°PePsPeC-PSPµC,PëC†PSC-
C...P°CTjP°PeC,PµCTjPëCfC,PëPePë, P·P°P»PµP¶PSPs PIC-Pr PrPsP· PiCTjPµPiP°CTjP°C,Cf C- t_{1/2}
P±CfP»Pë PiPsPrC-P±PSC- PrPs C,P°PePëC..., C%oPs CfPiPsCfC,PµCTjC-PiP°P»PëCfCI Cf
PICfC-C... PrPsCTjPsCfP»PëC..., PeCTjC-Pj PjPsP»PsPrC€PëC... PiP°C†C-C"PSC,C-PI
(<6 PjC-CfCIIC†C-PI B^H t_{1/2}=1,6 PiPsPrPëPSPë). PÿPµCTjPµPrPSC- P·PSP°C†PµPSPSCII
PeP»C-CTjPµPSCfCf PjPµCTjPsPiPµPSPµPjCf CfC,P°PSPsPIPëP»Pë 5,8 PjP»/C...PI/PePi
(6-12 CTjPsPeC-PI), 6,2 PjP»/C...PI/PePi (2-5 CTjPsPeC-PI), 5,3 PjP»/C...PI/PePi (6-23
PjC-CfCIIC†C-) C- 4,3 PjP»/C...PI/PePi (2-5 PjC-CfCIIC†C-PI). PµCTjPëP±P»PëP·PSPs 60 %
PrPsP·Pë PIPëPIPsPrPëC,CHCfCII C-P· CfPµC†PµCH PiCTjPsC,CIIPIPsPj 12 PiPsPrPëPS
Cf PIPëPiP»CIIPrC- PjPµCTjPsPiPµPSPµPjCf C,P° C%oPµ 12 % B^H Cf PIPëPiP»CIIPrC-
PjPµC,P°P±PsP»C-C,Cf. PµPsPSC†PµPSC,CTjP°C†C-C— PjPµCTjPsPiPµPSPµPjCf Cf
CfPiPëPSPSPsPjPsP·PePsPIC-PNë CTjC-PrPëPSC- Cf PrC-C,PµPNë P· PjPµPSC-PSPiC-C,PsPj
CfC,P°PSPsPIP»CIIC,CH PiCTjPëP±P»PëP·PSPs 20 % PIC-Pr PsPrPSPsC†P°CfPSPs
PIPëCIPIP»PµPSPëC... CTjC-PIPSC-PI PiCTjPµPiP°CTjP°C,Cf Cf PiP»P°P·PjC- PeCTjPsPIC-,

C...PsC†P° PjP°C" PjC-C†C†Pμ P·PSP°C†PSP° C-PSP†PëPIC-PrC†P°P»CHbPSP°
PIP°C†C-P°P±PμP»CHbPSC-C†C,CHb PìPsPeP°P·PSPëPeC-PI.

PαP°C†PjP°PePsPeC-PSPμC,PëPeP° PjPμC†PsPìPμPSPμPjC† C†
PSPsPIPsPSP°C†PsPrP¶PμPSPëC..., C†PePëPj P·P°C†C,PsC†PsPIC†PIP°P»Pë
P°PSC,PëP±P°PeC,PμC†C-P°P»CHbPSPμ P»C-PeC†PIP°PSPSC†,
PìC†PsPrPμPjPsPSC†C,C†C†PIP°P»P° PIPëC%PëPNë PeP»C-C†PμPSC† C†
PSPsPIPsPSP°C†PsPrP¶PμPSPëC... P· P±C-P»CHbC†PëPj C...C†PsPSPsP»PsPiC-C†PSPëPj P°P±Ps
PiPμC†C,P°C†C-PNëPSPëPj PIC-PePsPj C-P· P·P°PiP°P»CHbPSPëPj C†PμC†PμPrPSC-Pj t_{1/2} 2,9
PiPsPrPëPSPë. PμPsPrPμP»C†PIP°PSPSC† PìC†PsC†PμC†C† P·P° PjPμC,PsPrPsPj
PμPsPSC,Pμ-PμP°C†P»Ps P· C†C†P°C...C†PIP°PSPSC†Pj PìPsPìC†P»C†C†C-PNëPSPsC—
PαPμ-PjPsPrPμP»C- PìPsPeP°P·P°P»Ps, C%Ps PìC†Pë C†PμP¶PëPjC-
PrPsP·C†PIP°PSPSC† 20 PjPi/PePi PePsP¶PSC- 8 PiPsPrPëPS P±C†P»Ps
PrPsC†C†PiPSC†C,Ps T > MIC 60 % PIC-PrPSPsC†PSPs P. aeruginosa C† 95 %
PSPsPIPsPSP°C†PsPrP¶PμPSPëC..., C†PeC- PSP°C†PsPrPëP»PëC†C†
PìPμC†PμPrC†P°C†PSPs, C- C† 91 % PrPsPSPsC†PμPSPëC...
PSPsPIPsPSP°C†PsPrP¶PμPSPëC....

PμP°C†C-C" PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCé

P"PsC†P»C-PrP¶PμPSPSC† C,,P°C†PjP°PePsPeC-PSPμC,PëPePë C† P·PrPsC†PsPIPëC...
PrPsP±C†PsPIPsP»CHbC†C-PI P»C-C,PSCHbPsPiPs PIC-PeC† (65-80 C†PsPeC-PI)
PìPsPeP°P·P°P»Pë P·PSPëP¶PμPSPSC† PeP»C-C†PμPSC†C† PìP»P°P·PjPë PeC†PsPIC-, C%Ps
PePsC†PμP»C†C" P·C- P·PSPëP¶PμPSPSC†Pj PμPμ, PìPsPìB†™ C†P·P°PSPëPj P· PIC-PePsPj, P°
C,P°PePsP¶ PSPμP·PSP°C†PSPμ P·PSPëP¶PμPSPSC† PSPμPSPëC†PePsPIPsPiPs
PeP»C-C†PμPSC†C†. PμPsC†PμPeC†C-C† PrPsP·Pë PìC†PμPìP°C†P°C,C† PSPμ
PìPsC,C†C-P±PSP° PìP°C†C-C" PSC,P°Pj P»C-C,PSCHbPsPiPs PIC-PeC†, P·P° PIPëPSC†C,PePsPj
PIPëPìP°PrPeC-PI PìPsPjC-C†PSPsPiPs C- C,C†P¶PePsPiPs PìPsC†C†C†PμPSPSC†
C,,C†PSPeC†C-C— PSPëC†PsPe.

PμP»C-PSC-C†PSC- C...P°C†P°PeC,PμC†PëC†C,PëPePë.

PμPsPeP°P·P°PSPSC†.

PμC†PμPìP°C†P°C, PìPsPeP°P·P°PSPëPNë PrP»C† P»C-PeC†PIP°PSPSC† C-PSC,,PμPeC†C-PNë C†
PrPsC†PsC†P»PëC... C- PrC-C,PμPNë PIC-PePsPj PIC-Pr 3 PjC-C†C†C†C-PI (PrPëPI.
C†PsP·PrC-P»Pë B«PhC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSC†B» C,P°
B«PαP°C†PjP°PePsPrPëPSP°PjC-PeP°B»):

- PìPSPμPIPjPsPSC-C—, C† C,PsPjC† C†PëC†P»C- PSPμPiPsC†PìC-C,P°P»CHbPSPsC— C,P°
PiPsC†PìC-C,P°P»CHbPSPsC— PìPSPμPIPjPsPSC-C—;
- P±C†PsPSC...PsP»PμPiPμPSPμPIPëC... C-PSC,,PμPeC†C-PNë PìC†Pë
PjC†PePsPIC-C†C†PëPrPsP·C-;
- C†C†PeP»P°PrPSPμPSPëC... C-PSC,,PμPeC†C-PNë C†PμC†PsPIPëPIC-PrPSPëC...
C†P»C†C...C-PI;
- C†C†PeP»P°PrPSPμPSPëC... C-PSC,C†P°P°P±PrPsPjC-PSP°P»CHbPSPëC...
C-PSC,,PμPeC†C-PNë;
- C-PSC,,PμPeC†C-PNë PìC-Pr C†P°C† PìPsP»PsPiC-PI C- PìC-C†P»C†PìPsP»PsPiPsPIPëC...
C-PSC,,PμPeC†C-PNë;

- $C\acute{r}C\acute{I}P\epsilon P \gg P^{\circ}PrPSP_{\mu}PSP\acute{e}C... C-PSC_{,,}P_{\mu}PeC\ddagger C-PN_{\acute{e}} C\epsilon PeC-C\grave{H}P\grave{e} C- Pj\grave{b}\grave{H}^{\text{TM}} C\grave{I}P\epsilon P\acute{e}C... C,PeP^{\circ}PSP\acute{e}PS;$
- $PiPsC\acute{I}C,C\grave{H}PsPiPs P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-P^{\circ}P \gg CH\acute{b}PSPsPiPs PjP_{\mu}PSC-PSPiC-C,C\acute{r}.$

$P_{\mu}C\grave{H}P_{\mu}P\grave{i}P^{\circ}C\grave{H}P^{\circ}C, PjPsP\grave{I}PSP^{\circ} P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}PsPIC\acute{r}PIP^{\circ}C,Pe PrP \gg C\grave{I} P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $P\grave{i}P^{\circ}C\ddagger C-C''PSC,C-PI P\cdot PSP_{\mu}PN_{\acute{e}}C,C\grave{H}PsP\grave{i}P_{\mu}PSC-C''C\grave{H} C- P\grave{i}P^{\circ}C\grave{H}C\grave{I}C\ddagger PePsC\grave{H} P\grave{i}C\grave{H}P\grave{e}$
 $P\grave{i}C-PrPsP\cdot C\grave{H}C- PSP^{\circ} C,P_{\mu}, C\%_{\circ}Ps PIPsPSP^{\circ} C\acute{I}P\grave{i}C\grave{H}P\acute{e}C\ddagger P\acute{e}PSP_{\mu}PSP^{\circ}$
 $P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-P^{\circ}P \gg CH\acute{b}PSPsC\grave{H} C-PSC_{,,}P_{\mu}PeC\ddagger C-C''C\grave{H}.$

$P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\grave{I} P\grave{i}P^{\circ}C\ddagger C-C''PSC,C-PI P\cdot P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-C''PjC-C''C\grave{H}, C\grave{I}PeP^{\circ}$
 $P\grave{i}PsPi\grave{b}\grave{H}^{\text{TM}} C\grave{I}P\cdot P^{\circ}PSP^{\circ} P^{\circ}P\pm Ps PjPsP\grave{I}P_{\mu} P\pm C\acute{r}C,Pe P\grave{i}PsPi\grave{b}\grave{H}^{\text{TM}} C\grave{I}P\cdot P^{\circ}PSP^{\circ} P\cdot P\pm C\acute{r}PrCH\acute{b}-$
 $C\grave{I}PePsC\grave{H} C-P\cdot P\cdot P^{\circ}P\cdot PSP^{\circ}C\ddagger P_{\mu}PSP\acute{e}C... PIP\acute{e}C\%_{\circ}P_{\mu} C-PSC_{,,}P_{\mu}PeC\ddagger C-PN_{\acute{e}}.$

$P\check{Y}P \gg C-Pr PIC\grave{H}P^{\circ}C...PsPIC\acute{r}PIP^{\circ}C,Pe PsC_{,,}C-C\ddagger C-PN_{\acute{e}}PSC- C\grave{H}P_{\mu}PePsPjP_{\mu}PSPPrP^{\circ}C\ddagger C-C-$
 $C\%_{\circ}PsPrPs PIC-PrP\grave{i}PsPIC-PrPSPsPiPs P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $P^{\circ}PSC,P\acute{e}P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-P^{\circ}P \gg CH\acute{b}PSP\acute{e}C... P\grave{i}C\grave{H}P_{\mu}P\grave{i}P^{\circ}C\grave{H}P^{\circ}C,C-PI.$

$P_{\mu}C\grave{H}PsC,P\acute{e}P\grave{i}PsPeP^{\circ}P\cdot P^{\circ}PSPSC\grave{I}.$

$P_{\mu}C-PrPIP\acute{e}C\%_{\circ}P_{\mu}PSP^{\circ} C\ddagger C\acute{r}C,P \gg P\acute{e}PIC-C\acute{I}C,CH PrPs PrC-C\grave{H}C\ddagger PsC- C\grave{H}P_{\mu}C\ddagger PsPIP\acute{e}PSP\acute{e} P^{\circ}P\pm Ps$
 $PrPs PrPsP\grave{i}PsPjC-P\grave{I}PSPsC- C\grave{H}P_{\mu}C\ddagger PsPIP\acute{e}PSP\acute{e} P\grave{i}C\grave{H}P_{\mu}P\grave{i}P^{\circ}C\grave{H}P^{\circ}C,C\acute{r}.$

$P_{\mu}C-PrPIP\acute{e}C\%_{\circ}P_{\mu}PSP^{\circ} C\ddagger C\acute{r}C,P \gg P\acute{e}PIC-C\acute{I}C,CH PrPs P\pm C\acute{r}PrCH\acute{b}-C\grave{I}PePsPiPs C-PSC\epsilon PsPiPs$
 $P^{\circ}PSC,P\acute{e}P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-P^{\circ}P \gg CH\acute{b}PSPsPiPs P\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r} P\grave{i}C\grave{H}C\acute{r}P\grave{i}P\acute{e}$
 $PeP^{\circ}C\grave{H}P\pm P^{\circ}P\grave{i}P_{\mu}PSP_{\mu}PjC-PI.$

$P\check{Y}C\grave{I}P\grave{I}PeP^{\circ} P\grave{i}C-PrPIP\acute{e}C\%_{\circ}P_{\mu}PSP^{\circ} C\ddagger C\acute{r}C,P \gg P\acute{e}PIC-C\acute{I}C,CH (PSP^{\circ}P\grave{i}C\grave{H}P\acute{e}PeP \gg P^{\circ}Pr,$
 $P^{\circ}PSP^{\circ}C_{,,}C-P \gg P^{\circ}PeC,P\acute{e}C\ddagger PSC- C\grave{H}P_{\mu}P^{\circ}PeC\ddagger C-C-, C,C\grave{I}P\grave{I}PeC- C\grave{H}P_{\mu}P^{\circ}PeC\ddagger C-C- P\cdot P\pm PsPeC\acute{r}$
 $C\epsilon PeC-C\grave{H}P\acute{e}) PrPs P\pm C\acute{r}PrCH\acute{b}-C\grave{I}PePsPiPs C-PSC\epsilon PsPiPs C,P\acute{e}P\grave{i}C\acute{r} P\pm P_{\mu}C,P^{\circ}-$
 $P \gg P^{\circ}PeC,P^{\circ}PjPSPsPiPs P^{\circ}PSC,P\acute{e}P\pm P^{\circ}PeC,P_{\mu}C\grave{H}C-P^{\circ}P \gg CH\acute{b}PSPsPiPs P\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r}$
 $(PSP^{\circ}P\grave{i}C\grave{H}P\acute{e}PeP \gg P^{\circ}Pr, P\grave{i}P_{\mu}PSC-C\ddagger P\acute{e}P \gg C-PSC-PI P^{\circ}P\pm Ps C\ddagger P_{\mu}C_{,,}P^{\circ}P \gg PsC\acute{I}P\grave{i}PsC\grave{H}P\acute{e}PSC-PI).$

$P^{\circ}P\cdot P^{\circ}C''PjPsPrC-C\grave{I} P\cdot C-PSC\epsilon P\acute{e}PjP\acute{e} P \gg C-PeP^{\circ}C\grave{H}C\acute{I}CH\acute{b}PeP\acute{e}PjP\acute{e} P\cdot P^{\circ}C\acute{I}PsP\pm P^{\circ}PjP\acute{e} C,P^{\circ}$ $C-PSC\epsilon C- PIP\acute{e}PrP\acute{e} PIP\cdot P^{\circ}C''PjPsPrC-PN_{\acute{e}}.$

$P''PsC\acute{I}P \gg C-PrP\grave{I}P_{\mu}PSPSC\grave{I} C\%_{\circ}PsPrPs PIP\cdot P^{\circ}C''PjPsPrC-C- P\grave{i}C\grave{H}P_{\mu}P\grave{i}P^{\circ}C\grave{H}P^{\circ}C,C\acute{r} P\cdot$
 $C-PSC\epsilon P\acute{e}PjP\acute{e} P \gg C-PeP^{\circ}C\grave{H}C\acute{I}CH\acute{b}PeP\acute{e}PjP\acute{e} P\cdot P^{\circ}C\acute{I}PsP\pm P^{\circ}PjP\acute{e}, PeC\grave{H}C-Pj$
 $P\grave{i}C\grave{H}PsP\pm P_{\mu}PSP_{\mu}C\ddagger P\acute{e}PrC\acute{r}, PSP_{\mu} P\grave{i}C\grave{H}PsPIPsPrP\acute{e}P \gg P\acute{e}C\acute{I}C\grave{I}.$

$P_{\mu}C\grave{H}PsP\pm P_{\mu}PSP_{\mu}C\ddagger P\acute{e}Pr PePsPSPeC\acute{r}C\grave{H}C\acute{r}C'' P\cdot PjP_{\mu}C\grave{H}PsP\grave{i}P_{\mu}PSP_{\mu}PjPsPj C\%_{\circ}PsPrPs$
 $P^{\circ}PeC,P\acute{e}PIPSPsPiPs PeP^{\circ}PSP^{\circ}P \gg CH\acute{b}C\ddagger C-C''PIP\acute{e}PiPs PIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\grave{I} C-, C,P^{\circ}PeP\acute{e}Pj$
 $C\ddagger P\acute{e}PSPsPj, P\grave{i}C\grave{H}P\acute{e}PiPSC-C\ddagger C\acute{r}C'' PSP\acute{e}C\grave{H}PePsPIC\acute{r} C\acute{I}P_{\mu}PeC\grave{H}P_{\mu}C\ddagger C-C\grave{H} PjP_{\mu}C\grave{H}PsP\grave{i}P_{\mu}PSP_{\mu}PjC\acute{r},$
 $C\%_{\circ}Ps P\grave{i}C\grave{H}P\acute{e}P\cdot PIPsPrP\acute{e}C,CH PrPs P\cdot P\pm C-P \gg CH\acute{b}C\epsilon P_{\mu}PSPSC\grave{I} P\grave{i}P_{\mu}C\grave{H}C-PsPrC\acute{r}$
 $PSP^{\circ}P\grave{i}C-PIPIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\grave{I} C,P^{\circ} P\grave{i}C-PrPIP\acute{e}C\%_{\circ}P_{\mu}PSPSC\grave{I} PePsPSC\ddagger P_{\mu}PSC,C\grave{H}P^{\circ}C\ddagger C-C-$
 $PjP_{\mu}C\grave{H}PsP\grave{i}P_{\mu}PSP_{\mu}PjC\acute{r} C\acute{r} P\grave{i}P \gg P^{\circ}P\cdot PjC- PeC\grave{H}PsPIC-. P\check{Y}P \gg C-Pr P\grave{i}C\grave{H}PsC\grave{I}PIP \gg C\grave{I}C,Pe$
 $PsP\pm P_{\mu}C\grave{H}P_{\mu}P\grave{I}PSC-C\acute{I}C,CH C\acute{r} C\grave{H}P^{\circ}P\cdot C- PsPrPSPsC\ddagger P^{\circ}C\acute{I}PSPsPiPs P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\grave{I}$
 $P\grave{i}C\grave{H}PsP\pm P_{\mu}PSP_{\mu}C\ddagger P\acute{e}PrC\acute{r} P\cdot PjP_{\mu}C\grave{H}PsP\grave{i}P_{\mu}PSP_{\mu}PjPsPj.$

$P_{\mu}PsC,P_{\mu}PSC\ddagger C-PN_{\acute{e}}PSP\acute{e}PN_{\acute{e}} PIP\grave{i}P \gg P\acute{e}PI PjP_{\mu}C\grave{H}PsP\grave{i}P_{\mu}PSP_{\mu}PjC\acute{r} PSP^{\circ} P\cdot Pi\grave{b}\grave{H}^{\text{TM}} C\grave{I}P\cdot C\acute{r}PIP^{\circ}PSPSC\grave{I}$

P· P±C-P»PeP°PjPë C-PSC€PëC... PíCḡPμPīP°CḡP°C,C-PI P°P±Ps PjPμC,P°P±PsP»C-P·Pj PSPμ
PIPëPIC±P°PICÍCḡ. PμCḡPsC,Pμ P·PIḡḡ™CḡP·CíPIP°PSPSCḡ P· P±C-P»PeP°PjPë
PSP°CÍC,C-P»CHPePë PSPμP·PSP°C±PSPμ, C%Ps PIP·P°C”PjPsPrC-C— P· C-PSC€PëPjPë
CÍPīPsP»CíPeP°PjPë P· CíCḡP°C...CíPIP°PSPSCḡPj C±CHPsPiPs PjPμC...P°PSC-P·PjCí
PjPsP¶PSP° PSPμ PsC±C-PeCíPIP°C,Pë.

PμCḡPë PsPrPSPsC±P°CÍPSPsPjCí P·P°CÍC,PsCÍCíPIP°PSPSC- P· PeP°CḡP±P°PīPμPSPμPjP°PjPë
P±CíP»Ps P·P°CḡPμC”CÍC,CḡPsPIP°PSPs P·PSPëP¶PμPSPSCḡ CḡC-PIPSCḡ
PIP°P»CHPīCḡPsC”PIPsC— PePëCÍP»PsC,Pë PI PeCḡPsPIC- ḡḡ” PSP° 60-100 %
PīCḡPëP±P»PëP·PSPs P·P° 2 PrPSC-. P§PμCḡPμP· C€PIPëPrPePëPNë PīPsC±P°C,PsPe PrC-C— C,P°
CÍC,CíPīC-PSCḡ P·PSPëP¶PμPSPSCḡ PsPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCḡ
PIP°P»CHPīCḡPsC”PIPsC— PePëCÍP»PsC,Pë/PIP°P»CHPīCḡPsP°C,Cí
PSP°C,CḡC-Cḡ/PIP°P»CHPīCḡPsPjC-PrCí C- PeP°CḡP±P°PīPμPSPμPjC-PI
PIPIP°P¶P°C”C,CHCÍCḡ C,P°PePëPj, C%Ps PSPμ PīC-PrPrP°C”C,CHCÍCḡ
PePsCḡPëPīCíPIP°PSPSCḡ, C,PsPjCí CÍP»C-Pr CíPSPëPeP°C,Pë C,P°PePsC—
PePsPjP±C-PSP°C±C-C— (PrPëPI. CḡPsP·PrC-P» B«PhCÍPsP±P»PëPIPsCÍC,C-
P·P°CÍC,PsCÍCíPIP°PSPSCḡB»).

PμPμCḡPsCḡP°P»CHPSC- P°PSC,PëPePsP°PīCíP»CḡPSC,Pë

PhPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCḡ P°PSC,PëP±C-PsC,PëPeC-PI P·
PIP°CḡC,,P°CḡPëPSPsPj PjPsP¶Pμ P·P±C-P»CHC€PëC,Pë PNëPsPiPs
P°PSC,PëPePsP°PīCíP»CḡPSC,PSPëPNë PμC,,PμPeC,, P·CíP»Ps P·P°CḡPμC”CÍC,CḡPsPIP°PSPs
P±P°PīP°C,Ps PīPsPIC-PrPsPjP»PμPSCḡ PīCḡPs P·P±C-P»CHC€PμPSPSCḡ
P°PSC,PëPePsP°PīCíP»CḡPSC,PSPsPiPs PμC,,PμPeC,Cí P°PSC,PëPePsP°PīCíP»CḡPSC,PSPëC...
PīCḡPμPīP°CḡP°C,C-PI, Cí C,PsPjCí C±PëCÍP»C- PIP°CḡC,,P°CḡPëPSCí, CḡPeC-
P·P°CÍC,PsCÍPsPICíPIP°P»Pë PīPμCḡPsCḡP°P»CHPSPs, Cí PīP°C±C-C”PSC,C-PI, CḡPeC-
PsPrPSPsC±P°CÍPSPs PsC,CḡPëPjCíPIP°P»Pë P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSC-
PīCḡPμPīP°CḡP°C,Pë. P PëP·PëPe PjPsP¶Pμ P·PjC-PSCḡPIP°C,PëCÍCḡ P·P°P»PμP¶PSPs PIC-Pr
PIPëPrCí PsCÍPSPsPIPsC— C-PSC,,PμPeC±C-C—, PIC-PeCí C- P·P°PīP°P»CHPSPsPiPs
CÍC,P°PSCí PīP°C±C-C”PSC,P°, C,PsPjCí PIPSPμCÍPsPe
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPëC... PíCḡPμPīP°CḡP°C,C-PI Cí PīC-PrPIPëC%PμPSPSCḡ
CḡC-PIPSCḡ PjC-P¶PSP°CḡPsPrPSPsPiPs PSPsCḡPjP°P»C-P·PsPIP°PSPsPiPs
PIC-PrPSPsC€PμPSPSCḡ (PhPíP’) PsC±C-PSPëC,Pë PIP°P¶PePs.
P PμPePsPjPμPSPPrCíC”C,CHCÍCḡ PīCḡPsPIPsPrPëC,Pë C±P°CÍC,PëPNë PePsPSC,CḡPsP»CH
CḡC-PIPSCḡ PhPíP’ PīC-Pr C±P°CÍ C- PīC-CÍP»Cḡ PsPrPSPsC±P°CÍPSPsPiPs
P·P°CÍC,PsCÍCíPIP°PSPSCḡ P°PSC,PëP±C-PsC,PëPeC-PI P· PīPμCḡPsCḡP°P»CHPSPëPj
P°PSC,PëPePsP°PīCíP»CḡPSC,PsPj.

P”C-C,Pë

PjCÍC- PrPsCÍP»C-PrP¶PμPSPSCḡ P»C-PeP°CḡCíCHPePëC... PIP·P°C”PjPsPrC-PNë
PīCḡPsPIPsPrPëP»Pë C,C-P»CHPePë Cí PrPsCḡPsCÍP»PëC....

PhCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCíPIP°PSPSCḡ.

PμCḡPë PIPëP±PsCḡC- PjPμCḡPsPīPμPSPμPjCí CḡPe P·P°CÍPsP±Cí P»C-PeCíPIP°PSPSCḡ
CÍP»C-Pr P±CḡP°C,Pë PrPs CíPIP°PīPë PrPsC±C-P»CHPSC-CÍC,CH
P·P°CÍC,PsCÍCíPIP°PSPSCḡ P°PSC,PëP±P°PeC,PμCḡC-P°P»CHPSPsPiPs P·P°CÍPsP±Cí
PīCḡCíPīPë PeP°CḡP±P°PīPμPSPμPjC-PI, PICḡP°C...PsPICíCḡC±Pë C,P°PeC- C,,P°PeC,PsCḡPë,

CЦPе C,CЦP¶PеC-СГГC,CH C-PSC,,PµPеC†C-C—, PīPsC€PёCђPµPSC-СГГC,CH
CђPµP·PёCГГC,PµPSC,PSPsCГГC,C- PrPs C-PSC€PёC... PIC-PrPīPsPIC-PrPSPёC...
P°PSC,PёP±P°PеC,PµCђC-P°P»CHPSPёC... P·P°CГГPs±C-PI, P° C,P°PеPsP¶ CђPёP·PёPе
PIPёP±PsCђC PīCђPµPīP°CђP°C,Cr C%oPsPrPs P±P°PеC,PµCђC-PNё, CГГC,C-PNёPеPёC... PrPs
PеP°CђP±P°PīPµPSPµPjC-PI.

P PµP·PёCГГC,PµPSC,PSC-СГГC,CH PrPs *Enterobacteriaceae, Pseudomonas aeruginosa* C,P°
Acinetobacter

PJ P,,PICђPsPīPµPNёCГГCHPеPsPjCr PŸPsCђP·C- CђPµP·PёCГГC,PµPSC,PSC-СГГC,CH PrPs
PīPµPSPµPjC-PI *Enterobacteriaceae, Pseudomonas aeruginosa* C- *Acinetobacter*
PIP°CђC-CђC”C,CHCГГCЦ. PµCђPё PīCђPёP·PSP°C†PµPSPSC- PīCђPµPīP°CђP°C,Cr
CђPµPеPsPjPµPSPCrCrC”C,CHCГГCЦ PICђP°C...PsPICrPIP°C,Pё PjC-СГГC†PµPICr
CђPµP·PёCГГC,PµPSC,PSC-СГГC,CH C†PёC... P±P°PеC,PµCђC-PNё PrPs PīPµPSPµPjC-PI.

P PµP°PеC†C-C— PiC-PīPµCђC†CrC,P»PёPIPsCГГC,C-

PīPе C- PīCђPё P·P°CГГC,PsCГГCrPIP°PSPSC- C-PSC€PёC... P±PµC,P°-P»P°PеC,P°PjPSPёC...
P°PSC,PёP±C-PsC,PёPеC-PI, P±CrP»Pё P·P°CђPµC”CГГC,CђPsPIP°PSC- CГГPµCђPNёPsP·PSC-,
C-PSPsPrC- P· P»PµC,P°P»CHPSPёPj PSP°CГГP»C-PrPеPsPj, CђPµP°PеC†C-C—
PīC-PrPIPёC%oPµPSPsC— C†CrC,P»PёPIPsCГГC,C- (PrPёPI. CђPsP·PrC-P»Pё
B«PµCђPsC,PёPīPsPеP°P·P°PSPSCЦB» C,P° B«PµPsP±C-C†PSC- CђPµP°PеC†C-C—B»).

PµP°C†C-C”PSC,Pё, Cr CЦPеPёC... PI P°PSP°PjPSPµP·C- P·P°CђPµC”CГГC,CђPsPIP°PSC-
PIPёPīP°PrPеPё PiC-PrPIPёC%oPµPSPsC— C†CrC,P»PёPIPsCГГC,C- PrPs
PеP°CђP±P°PīPµPSPµPjC-PI, PīPµPSC-C†PёP»C-PSC-PI P°P±Ps C-PSC€PёC... P±PµC,P°-
P»P°PеC,P°PjPSPёC... P°PSC,PёP±C-PsC,PёPеC-PI, PjPsP¶CrC,CH C,P°PеPsP¶ PjP°C,Pё
PīC-PrPIPёC%oPµPSCr C†CrC,P»PёPIC-СГГC,CH PrPs PjPµCђPsPīPµPSPµPjCr. PµPµCђPµPr
PīPsC†P°C,PеPsPj C,PµCђP°PīC-C— PjPµCђPsPīPµPSPµPjPsPj CГГP»C-Pr PīCђPsPIPµCГГC,Pё
CђPµC,PµP»CHPSPµ PsPīPёC,CrPIP°PSPSCЦ C%oPsPrPs PīPsPīPµCђPµPrPSC-C...
CђPµP°PеC†C-PNё PiC-PrPIPёC%oPµPSPsC— C†CrC,P»PёPIPsCГГC,C- PrPs P±PµC,P°-
P»P°PеC,P°PjPSPёC... P°PSC,PёP±C-PsC,PёPеC-PI.

PµCђPё PIPёPSPёPеPSPµPSPSC- C,CЦP¶PеPsC— P°P»PµCђPiC-C†PSPsC— CђPµP°PеC†C-C—
P·P°CГГC,PsCГГCrPIP°PSPSCЦ PīCђPµPīP°CђP°C,Cr CГГP»C-Pr PīCђPёPīPёPSPёC,Pё C,P°
PIPrP°C,PёCГГCЦ PrPs PIC-PrPīPsPIC-PrPSPёC... P·P°C...PsPrC-PI.

PµPsPIC-PrPsPjP»CЦP»PsCГГCЦ PīCђPs C,CЦP¶PеC- PīPsP±C-C†PSC- CђPµP°PеC†C-C— P·
P±PsPеCr C€PеC-CђPё, C,P°PеC- CЦPе CГГPёPSPrCђPsPj PŸC,C-PIPµPSCГГP°-P”P¶PsPSCГГPsPSP°,
C,PsPеCГГPёC†PSPёPNё PµPīC-PrPµCђPjP°P»CHPSPёPNё PSPµPеCђPsP»C-P·,
PjPµPrPёPеP°PjPµPSC,PsP·PSP° P°P»PµCђPiC-CЦ P· PµPsP·PёPSPsC,,C-P»C-C”CH C-
CГГPёCГГC,PµPjPSPёPjPё CГГPёPjPīC,PsPjP°PjPё (DRESS-CГГPёPSPrCђPsPj),
PjCrP»CHC,PёC,,PsCђPjPSP° PµCђPёC,PµPjP° C,P° PiPsCГГC,CђPёPNё
PīPµPSPµCђP°P»C-P·PsPIP°PSPёPNё PµPеP·P°PSC,PµPjP°C,PsP·PSPёPNё PīCrCГГC,CrP»CHPsP· Cr
PīP°C†C-C”PSC,C-PI, CЦPеC- PsC,CђPёPjCrPIP°P»Pё P»C-PеCrPIP°PSPSCЦ
PjPµCђPsPīPµPSPµPjPsPj (PrPёPI. CђPsP·PrC-P» B«PµPsP±C-C†PSC- CђPµP°PеC†C-C—B»). PJ
CђP°P·C- PīPsCЦPIPё PsP·PSP°Pе C,P° CГГPёPjPīC,PsPjC-PI, C%oPs CГГPIC-PrC†P°C,CH PīCђPs
C†C- CђPµP°PеC†C-C—, PjPµCђPsPīPµPSPµPj CГГP»C-Pr PSPµPīP°PNёPSPs PIC-PrPjC-PSPёC,Pё
C- CђPsP·PīP»CЦPSCrC,Pё P°P»CHC,PµCђPSP°C,PёPIPSµ P»C-PеCrPIP°PSPSCЦ.

PµCђPё P·P°CГГC,PsCГГCrPIP°PSPSC- C-PSC€PёC... P±PµC,P°-P»P°PеC,P°PjPSPёC...
P°PSC,PёP±C-PsC,PёPеC-PI PīPsPIC-PrPsPjP»CЦP»PsCГГCH PīCђPs CђPµP°PеC†C-C—

PiC-PiPμCḡC†CfC,P»PëPIPsCfC,C-, CḡPeC- PiCḡPsPiCḡPμCfCfPIP°P»Pë PrPs
CfPëPSPPrCḡPsPjCf PḡPsCfPSC-CfP° (PiPsCfC,CḡPëPNë P°P»PμCḡPiC-C†PSPëPNë
PePsCḡPsPSP°CḡPSPëPNë P°CḡC,PμCḡC-PsCfPiP°P·Pj, C%Ps PjPsPḡPμ PiCḡPëP·PIPμCfC,Pë
PrPs C-PSC,,P°CḡPeC,Cf PjC-PsPeP°CḡPrP°, PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC-
CḡPμP°PeC†C-C-B»).

PḡPsP»C-C,, PiPsPIḡḡ™ CḡP·P°PSPëPNë C-P· P·P°CfC,PsCfCfPIP°PSPSCḡPj P°PSC,PëP±C-PsC,PëPeC-PI

PμCḡPë P·P°CfC,PsCfCfPIP°PSPSC- PjP°PNëPḡPμ PICfC-C...
P°PSC,PëP±P°PeC,PμCḡC-P°P»CHḡPSPëC... PiCḡPμPiP°CḡP°C,C-PI, Cf C,PspjCf C†PëCfP»C-
PjPμCḡPsPiPμPSPμPjCf, P±CfP»Pë P·P°CḡPμC”CfC,CḡPsPIP°PSC- PIPëPiP°PrPePë PePsP»C-C,Cf,
PiPsPIḡḡ™ CḡP·P°PSPsPiPs C-P· P·P°CfC,PsCfCfPIP°PSPSCḡPj P°PSC,PëP±C-PsC,PëPeC-PI, C-
PIPëPiP°PrPePë PiCfPμPIPrPsPjPμPjP±CḡP°PSPsP·PSPsPiPs PePsP»C-C,Cf, CfC,CfPiC-PSCḡ
C,CḡPḡPePsCfC,C- CḡPePëC... PjPsPḡPμ PIP°CḡC-CḡPIP°C,Pë PIC-Pr P»PμPiPePsPiPs PrPs
C,P°PePsPiPs, C%Ps CfC,P°PSPsPIPëC,CH P·P°PiCḡPsP·Cf PḡPëC,C,Cḡ. PḡPsPjCf
PIP°PḡP»PëPIPs P±CḡP°C,Pë PrPs CfPIP°PiPë PjPsPḡP»PëPIC-CfC,CH C,P°PePsPiPs
PrC-P°PiPSPsP·Cf Cf PiP°C†C-C”PSC,C-PI, Cf CḡPePëC... PiC-Pr C†P°Cf P°P±Ps PiC-CfP»Cḡ
P·P°CfC,PsCfCfPIP°PSPSCḡ PjPμCḡPsPiPμPSPμPjCf PIPëPSPëPeP»P° PrC-P°CḡPμCḡ (PrPëPI.
CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C-B»). PḡP»C-Pr CḡPsP·PiP»CḡPSCfC,Pë
PiPëC,P°PSPSCḡ PiCḡPs PiCḡPëPiPëPSPμPSPSCḡ P»C-PeCfPIP°PSPSCḡ
PjPμCḡPsPiPμPSPμPjPsPj C,P° P·P°CfC,PsCfCfPIP°PSPSCḡ CfPiPμC†PëC,,C-C†PSPsPiPs
P»C-PeCfPIP°PSPSCḡ, PSP°PiCḡP°PIP»PμPSPsPiPs PiCḡPsC,Pë *Clostridium difficile*. PḡPμ
CfP»C-Pr PiCḡPëP·PSP°C†P°C,Pë P»C-PeP°CḡCfCHḡPeC- P·P°CfPsP±Pë, CḡPeC-
PiCḡPëPiPSC-C†CfCḡC,CH PiPμCḡPëCfC,P°P»CHḡC,PëPeCf PePëC€PμC†PSPëPeP°.

PḡCfPrPsPjPë

PμC-Pr C†P°Cf P»C-PeCfPIP°PSPSCḡ PeP°CḡP±P°PiPμPSPμPjP°PjPë, Cf C,PspjCf C†PëCfP»C-
PjPμCḡPsPiPμPSPμPjPsPj, CḡC-PrPePs PiPsPIC-PrPsPjP»CḡP»Pë PiCḡPs CfCfPrPsPjPë (PrPëPI.
CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C-B»).

PjCḡP°PḡPμPSPSCḡ PiPμC†C-PSPëPë, C-PSPrCfPePsPIP°PSPμ P»C-PeP°CḡCfCHḡPePëPjPë
P·P°CfPsP±P°PjPë (DILI)

Pj P·PIḡḡ™ CḡP·PeCf P· CḡPëP·PëPePsPj CḡPsP·PIPëC,PeCf CfCḡP°PḡPμPSPSCḡ
PiPμC†C-PSPëPë, C-PSPrCfPePsPIP°PSPsPiPs P»C-PeP°CḡCfCHḡPePëPjPë P·P°CfPsP±P°PjPë
(DILI) (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C-B»). Pj CḡP°P·C-
CḡPsP·PIPëC,PeCf C,CḡPḡPePsPiPs DILI CfP»C-Pr CḡPsP·PiP»CḡPSCfC,Pë
PiCḡPëPiPëPSPμPSPSCḡ P»C-PeCfPIP°PSPSCḡ, CḡPeC%Ps C†Pμ C” PeP»C-PSC-C†PSPs
PrPsC†C-P»CHḡPSPëPj. PμPsPIC,PsCḡPSPμ PiCḡPëP·PSP°C†PμPSPSCḡ PjPμCḡPsPiPμPSPμPjCf
CfP»C-Pr CḡPsP·PiP»CḡPrP°C,Pë P»PëC€Pμ Cf CḡP°P·C-, CḡPeC%Ps PNëPsPiPs
P·P°CfC,PsCfCfPIP°PSPSCḡ PIPiP°PḡP°C,CHḡCfCḡ PsP±T’CḡCfPSC,PsPIP°PSPs
PSPμPsP±C...C-PrPSPëPj.

P—P°CfC,PsCfCfPIP°PSPSCḡ PiCḡPμPiP°CḡP°C,Cf PiP°C†C-C”PSC,P°Pj C-P·

P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PīPμC‡C-PSPePë: PīC-Pr C‡P°Cḡ P»C-PeCḡPIP°PSPSCḡ
PjPμCḡPsPīPμPSPμPjPsPj Cḡ PīP°C‡C-C"PS C, C-PI P· CḡPḡPμ C-CḡPSCḡCḡC‡PëPjPë
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PīPμC‡C-PSPePë CḡP»C-Pr CḡPμC, PμP»CḡPSPs
PePsPSC, CḡPsP»CḡPIP°C, Pë PīPμC‡C-PSPePsPIC- C,, CḡPSPeC‡C-C—. PḡPsCḡPëPīCḡPIP°PSPSCḡ
PrPsP·Pë PīCḡPμPīP°CḡP°C, Cḡ PSPμ PīPsC, CḡC-P±PSPμ (PrPëPI. CḡPsP·PrC-P» B«PḡPīPsCḡC-P±
P·P°CḡC, PsCḡCḡPIP°PSPSCḡ C, P° PrPsP·PëB»).

PḡPμCḡPsPePsPSPIPμCḡCḡC- Cḡ PīCḡCḡPjPsPīPs P°PSC, PëPīP»PsP±CḡP»C-PSPsPIP sPīPs
C, PμCḡC, Cḡ (CḡPμP°PeC‡C-Cḡ PḡCḡPjP±CḡP°)

P»C-PeCḡPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj PjPsPḡPμ CḡPīCḡPëC‡PëPSPëC, Pë
PīPsP·PëC, PëPIPSPëPNḡ CḡPμP·CḡP»CḡC, P°C, PīCḡCḡPjPsPīPs P°P±Ps PSPμPīCḡCḡPjPsPīPs
C, PμCḡC, Cḡ PḡCḡPjP±CḡP°.

PḡPrPSPsC‡P°CḡPSPμ P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCḡ C-
PIP°P»CḡPīCḡPsC"PIP sC— PePëCḡP»PsC, Pë/PIP°P»CḡPīCḡPsP°C, Cḡ
PSP°C, CḡC-Cḡ/PIP°P»CḡPīCḡPsPjC-PrCḡ PSPμ CḡPμPePsPjPμPSPPrCḡC", CḡCḡCḡ (PrPëPI.
CḡPsP·PrC-P» B«P'P·P°C" PjPsPrC-Cḡ P· C-PSCëPëPjPë P»C-PeP°CḡCḡCḡPePëPjPë
P·P°CḡPsP±P°PjPë C, P° C-PSCëC- PIPëPrPë PIP·P°C" PjPsPrC-PNḡB»).

P" PμPjPsPīPμPSPμPjB® PjC-CḡC, PëC, Cḡ 46 PjPī PSP°C, CḡC-Cḡ PSP° C,, P»P°PePsPS
PsP±Bḡ™ C" PjPsPj 500 PjPī C, P° 92 PjPī PSP°C, CḡC-Cḡ PSP° C,, P»P°PePsPS
PsP±Bḡ™ C" PjPsPj 1000 PjPī. PḡP»C-Pr P±CḡC, Pë PsP±PμCḡPμPḡPSPëPj PīCḡPë
P·P°CḡC, PsCḡCḡPIP°PSPSC- PīCḡPμPīP°CḡP°C, Cḡ PīP°C‡C-C"PS C, P°Pj, CḡPeC-
P·P°CḡC, PsCḡPsPICḡCḡC, Cḡ PSP°C, CḡC-PNḡ-PePsPSC, CḡPsP»CḡPsPIP°PSCḡ
PrC-C"C, Cḡ.

*P—P°CḡC, PsCḡCḡPIP°PSPSCḡ Cḡ PīPμCḡC-PsPr PIP°PīC-C, PSPsCḡC, C- P°P±Ps
PīPsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ.*

P'P°PīC-C, PSC-CḡC, Cḡ

P" P°PSC- C%PsPrPs P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCḡ PIP°PīC-C, PSPëPj
PḡC-PSPeP°Pj PIC-PrCḡCḡC, PSC- P°P±Ps C—C... PeC-P»CḡPeC-CḡC, Cḡ PsP±PjPμPḡPμPSP°.

P" PsCḡP»C-PrPḡPμPSPSCḡ PSP° C, PIP°CḡPëPSP°C... PSPμ PIPëCḡPIPëP»Pë PīCḡCḡPjPëC...
P°P±Ps PsPīPsCḡPμCḡPμPrPePsPIP°PSPëC... PμC,, PμPeC, C-PI CḡPμPīCḡPsPrCḡPeC, PëPIPSPsC—
C, PsPeCḡPëC‡PSPsCḡC, C-. PīPe P·P°PīPsP±C-PḡPSPëPNḡ P·P°C...C-Pr P±P°PḡP°PSPs
CḡPSPëPeP°C, Pë P·P°CḡC, PsCḡCḡPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCḡ Cḡ PīPμCḡC-PsPr
PIP°PīC-C, PSPsCḡC, C-.

P" PsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ

PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ, C%Ps PSPμPIPμP»PëPeP° PeC-P»CḡPeC-CḡC, Cḡ
PjPμCḡPsPīPμPSPμPjCḡ PīCḡPsPSPëPeP°C" Cḡ PīCḡCḡPrPSPμ PjPsP»PsPePs P»CḡPrPëPSPë.
PḡPμCḡPsPīPμPSPμPj PjPsPḡPSP° P·P°CḡC, PsCḡPsPICḡPIP°C, Pë PI PīPμCḡC-PsPr
PīPsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ P»PëCëPμ Cḡ PIPëPīP°PrPeP°C..., PePsP»Pë
PsC‡C-PeCḡPIP°PSP° PePsCḡPëCḡC, Cḡ PrP»Cḡ PjP°C, PμCḡC- PīPμCḡPμPIPëC% CḡC"
PīPsC, PμPSC‡C-PNḡPSPëPNḡ CḡPëP·PëPe PrP»Cḡ PrPëC, PëPSPë.

$P-PrP^{\circ}C, PSC-C\acute{I}C, CH\ PIPiP \gg P\ddot{e}PIP^{\circ}C, P\ddot{e} PSP^{\circ} C\epsilon PIP\ddot{e}PrPeC-C\acute{I}C, CH\ C\grave{H}P\mu P^{\circ}PeC\ddagger C-C- P\ddot{i}C\grave{H}P\ddot{e} PeP\mu C\grave{H}C\acute{z}PIP^{\circ}PSPSC- P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{i}PsC\grave{H}C, PsPj\ P^{\circ}P\pm Ps\ C-PSC\epsilon P\ddot{e}PjP\ddot{e} PjP\mu C...P^{\circ}PSC-P\cdot PjP^{\circ}PjP\ddot{e}.$

$P''PsC\acute{I}P \gg C-PrP\P P\mu PSPSC\grave{I} PIPiP \gg P\ddot{e}PIC\acute{r} P\ddot{i}C\grave{H}P\mu P\ddot{i}P^{\circ}C\grave{H}P^{\circ}C, C\acute{r} PSP^{\circ} P\cdot PrP^{\circ}C, PSC-C\acute{I}C, CH\ PeP\mu C\grave{H}C\acute{r}PIP^{\circ}C, P\ddot{e} P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{i}PsC\grave{H}C, PsPj\ P^{\circ}P\pm Ps\ C-PSC\epsilon P\ddot{e}PjP\ddot{e} PjP\mu C...P^{\circ}PSC-P\cdot PjP^{\circ}PjP\ddot{e} PSP\mu P\ddot{i}C\grave{H}PsPIP\ddot{e}PrP\ddot{e}P \gg P\ddot{e}C\acute{I}C\grave{I}. P\grave{u}C\grave{H}P\ddot{e} PeP\mu C\grave{H}C\acute{r}PIP^{\circ}PSPSC- P^{\circ}PIC, PsC, C\grave{H}P^{\circ}PSC\acute{I}P\ddot{i}PsC\grave{H}C, PsPj\ P^{\circ}P\pm Ps\ C\grave{H}PsP\pm PsC, C- P\cdot C-PSC\epsilon P\ddot{e}PjP\ddot{e} PjP\mu C...P^{\circ}PSC-P\cdot PjP^{\circ}PjP\ddot{e} C\grave{H}P\mu PePsPjP\mu PSP\ddot{r}C\acute{r}C''C, CH\ C\acute{I}C\grave{I} PrPsC, C\grave{H}P\ddot{e}PjC\acute{r}PIP^{\circ}C, P\ddot{e}C\acute{I}C\grave{I} PsC\acute{I}PsP\pm P \gg P\ddot{e}PIPsC- PsP\pm P\mu C\grave{H}P\mu P\P PSPsC\acute{I}C, C-, PIC\grave{H}P^{\circ}C...PsPIC\acute{r}C\grave{H}C\ddagger P\ddot{e} PjPsP\P P \gg P\ddot{e}PIC-C\acute{I}C, CH\ C\grave{H}PsP\cdot PIP\ddot{e}C, PeC\acute{r} PiPsP \gg PsPIPSPsPiPs\ P\pm PsP \gg C\grave{H}, P\ddot{i}P^{\circ}C\grave{H}P\mu C\acute{I}C, P\mu P\cdot C-PN\grave{e} P^{\circ}P\pm Ps\ C\acute{I}C\acute{r}PrPsPj, P\ddot{i}C\grave{H}Ps\ C\grave{I}PeC- P\ddot{i}PsPIC-PrPsPjP \gg C\grave{I}P \gg PsC\acute{I}CH\ P\ddot{i}C\grave{H}P\ddot{e} P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC- PjP\mu C\grave{H}PsP\ddot{i}P\mu PSP\mu PjC\acute{r}.$

$P\ddot{Y}P\ddot{i}PsC\acute{I}C-P\pm P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{z}PIP^{\circ}PSPSC\grave{I} C, P^{\circ} PrPsP\cdot P\ddot{e}.$

$P\acute{k}P^{\circ}PIP\mu PrP\mu PSC- PSP\ddot{e}P\P C\ddagger P\mu\ C, P^{\circ}P\pm P \gg P\ddot{e}C\ddagger C- PjC-C\acute{I}C, C\grave{I}C, CH\ P\cdot P^{\circ}PiP^{\circ}P \gg CH\ PSC- C\grave{H}P\mu PePsPjP\mu PSP\ddot{r}P^{\circ}C\ddagger C-C- C\%PsPrPs\ PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC\grave{I} P \gg C-PeP^{\circ}C\grave{H}C\acute{I}CH\ PePsPiPs\ P\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r}.$

$P''PsP\cdot P^{\circ} PjP\mu C\grave{H}PsP\ddot{i}P\mu PSP\mu PjC\acute{r}\ C- C, C\grave{H}P\ddot{e}PIP^{\circ}P \gg C-C\acute{I}C, CH\ P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\grave{I} P\cdot P^{\circ}P \gg P\mu P\P P\ddot{e}C, CH\ PIC-Pr\ PIP\ddot{e}PrC\acute{r}\ P\cdot P\pm C\acute{r}PrPSP\ddot{e}PeP^{\circ}\ C...PIPsC\grave{H}PsP\pm P\ddot{e}, C, C\grave{I}P\P PePsC\acute{I}C, C- P\cdot P^{\circ}C...PIPsC\grave{H}C\grave{H}PIP^{\circ}PSPSC\grave{I} C, P^{\circ} C-PSP\ddot{r}P\ddot{e}PIC-PrC\acute{r}P^{\circ}P \gg CH\ PSpSC- C\ddagger C\acute{r}C, P \gg P\ddot{e}PIPsC\acute{I}C, C- P\ddot{i}P^{\circ}C\ddagger C-C''PSC, P^{\circ}.$

$P''P\mu PjPsP\ddot{i}P\mu PSP\mu Pj^{B\circ} P\ddot{i}C\grave{H}P\ddot{e} P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC- PI\ PrPsP\cdot C- PrPs\ 2\ Pi\ 3\ C\grave{H}P^{\circ}P\cdot P\ddot{e} PSP^{\circ} PrPsP\pm C\acute{r}\ PrPsC\grave{H}PsC\acute{I}P \gg P\ddot{e}Pj\ C- PrC-C, C\grave{I}Pj\ P\cdot PjP^{\circ}C\acute{I}PsC\grave{H}\ C, C-P \gg P^{\circ} P\pm C-P \gg CH\ C\epsilon P\mu\ 50\ PePi\ C, P^{\circ} C\acute{r}\ PrPsP\cdot C- PrPs\ 40\ PjPi/PePi\ 3\ C\grave{H}P^{\circ}P\cdot P\ddot{e} PSP^{\circ} PrPsP\pm C\acute{r}\ PrC-C, C\grave{I}Pj\ PjPsP\P P\mu\ P\pm C\acute{r}C, P\ddot{e} PsC\acute{I}PsP\pm P \gg P\ddot{e}PIPs\ P\mu C,, P\mu PeC, P\ddot{e}PIPS\ddot{e}Pj\ PrP \gg C\grave{I} P \gg C-PeC\acute{r}PIP^{\circ}PSPSC\grave{I} PrP\mu C\grave{I}PeP\ddot{e}C... PIP\ddot{e}PrC-PI\ C-PSC,, P\mu PeC\ddagger C-PN\grave{e}, C\acute{I}P\ddot{i}C\grave{H}P\ddot{e}C\ddagger P\ddot{e}PSP\mu PSP\ddot{e}C... PjP\mu PSC\epsilon\ C\ddagger C\acute{r}C, P \gg P\ddot{e}PIP\ddot{e}PjP\ddot{e} PIP\ddot{e}PrP^{\circ}PjP\ddot{e} P\pm P^{\circ}PeC, P\mu C\grave{H}C-PN\grave{e} (PSP^{\circ}P\ddot{i}C\grave{H}P\ddot{e}PeP \gg P^{\circ}Pr, PIP\ddot{e}PrP\ddot{e} *Enterobacteriaceae*, *Pseudomonas aeruginosa*, *Acinetobacter*), P^{\circ}P\pm Ps\ P\ddot{i}C\grave{H}P\ddot{e} PrC\acute{r}P\P P\mu\ C, C\grave{I}P\P PeP\ddot{e}C... C-PSC,, P\mu PeC\ddagger C-C\grave{I}C....$

$P\acute{k}P\mu PsP\pm C...C-PrPSPs\ PrPsC, C\grave{H}P\ddot{e}PjC\acute{r}PIP^{\circ}C, P\ddot{e}C\acute{I}C\grave{I} PrPsPrP^{\circ}C, PePsPIP\ddot{e}C... C\grave{H}P\mu PePsPjP\mu PSP\ddot{r}P^{\circ}C\ddagger C-PN\grave{e}\ C\%PsPrPs\ PrPsP\cdot C\acute{r}PIP^{\circ}PSPSC\grave{I} P\ddot{i}C\grave{H}P\ddot{e} P \gg C-PeC\acute{r}PIP^{\circ}PSPSC- P\ddot{i}P^{\circ}C\ddagger C-C''PSC, C-PI\ C-P\cdot PSP\ddot{e}C\grave{H}PePsPIP\ddot{e}C\grave{H}\ PSP\mu PrPsC\acute{I}C, P^{\circ}C, PSC-C\acute{I}C, C\grave{H} (PrP\ddot{e}PI. PSP\ddot{e}P\P C\ddagger P\mu).$

$P\ddot{Y}P^{\circ}P\pm P \gg P\ddot{e}C\ddagger C\grave{I}\ 1$

$P\ P\mu PePsPjP\mu PSP\ddot{r}PsPIP^{\circ}PSC- PrPsP\cdot P\ddot{e} PrP \gg C\grave{I} PrPsC\grave{H}PsC\acute{I}P \gg P\ddot{e}C... C, P^{\circ} PrC-C, P\mu PN\grave{e}\ P\cdot PjP^{\circ}C\acute{I}PsC\grave{H}\ C, C-P \gg P^{\circ} P\pm C-P \gg CH\ C\epsilon P\mu\ 50\ PePi$

$P\ddagger PSC,, P\mu PeC\ddagger C-C\grave{I}$	$PhPrPSPsC\grave{H}P^{\circ}P\cdot PsPIP^{\circ}\ PrPsP\cdot P^{\circ}\ PrP \gg C\grave{I} PIPIP\mu PrP\mu PSPSC\grave{I} PePsP\P PSC- 8\ PiPsPrP\ddot{e}PS$
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РµPSPµPIPIjPsPSC-Цї, С́ C,PsPjĆ C±PëĆP»C- PSPµPiPsĆPіC-C,P°P»CHbPSP° C,P° PiPsĆPіC-C,P°P»CHbPSP°	500 PjPi P°P±Ps 1 Pi
P'СђPsPSC...PsP»PµPiPµPSPµPIC- C-PSC,,PµPeC†C-C— PіCђPë PjĆPePsPIC-ĆC†PëPrPsP·C-	2 Pi
PJĆPeP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— ĆPµC±PsPIPëPIC-PrPSPëC... CєP»CїC...C-PI	500 PjPi P°P±Ps 1 Pi
PJĆPeP»P°PrPSPµPSC- C-PSC,CђP°P°P±PrPsPjC-PSP°P»CHbPSC- C-PSC,,PµPeC†C-C—	500 PjPi P°P±Ps 1 Pi
P†PSC,,PµPeC†C-C— PіC-Pr C±P°Ć PіPsP»PsPiC-PI C- PіC-ĆP»CїPіPsP»PsPiPsPIC- C-PSC,,PµPeC†C-C—	500 PjPi P°P±Ps 1 Pi
PJĆPeP»P°PrPSPµPSC- C-PSC,,PµPeC†C-C— CєPeC-CђPë C- Pjбђ™ CїPePëC... C,PeP°PSPëPS	500 PjPi P°P±Ps 1 Pi
P''PsĆC,CђPëPNë P±P°PeC,PµCђC-P°P»CHbPSPëPNë PjPµPSC-PSPiC-C,	2 Pi
P>C-PeĆPIP°PSPSCї PіP°C†C-C''PSC,C-PI C-P· C,,PµP±CђPëP»CHbPSPsCђ PSPµPNëC,CђPsPiPµPSC-C''Cђ	1 Pi

P''PµPjPsPiPµPSPµPj^{В®} P·P°P·PIPëC±P°PNë P·P°ĆC,PsĆPsPIĆCђC,CHb Ć PIPëPiP»CїPrC-
PIPSĆC,CђC-CєPSCђPsPIPµPSPSPsC— C-PSC,,ĆP·C-C— C,CђPëPIP°P»C-ĆC,Cђ PIC-Pr 15
PrPs 30 C...PIPëP»PëPS.

РлCђC-Pj C,PsPiPs, PrPsP·Pë PіCђPµPiP°CђP°C,Ć PrPs 1 Pi PjPsP¶PSP° PIPIPsPrPëC,Pë Ć
PIPëPiP»CїPrC- PIPSĆC,CђC-CєPSCђPsPIPµPSPSPsC— P±PsP»CђĆPSPsC—
C-PSбђ™ C''PeC†C-C— PіCђPsC,CїPiPsPj PіCђPëP±P»PëP·PSPs 5 C...PIPëP»PëPS. P''P°PSC- P·
P±PµP·PiPµPePë PIPIPµPrPµPSPSCї PrPsCђPsĆP»PëPj PіCђPµPiP°CђP°C,Ć Ć PrPsP·C- 2 Pi
Ć PIPëPiP»CїPrC- PIPSĆC,CђC-CєPSCђPsPIPµPSPSPsC— P±PsP»CђĆPSPsC—
C-PSбђ™ C''PeC†C-C— PsP±PjPµP¶PµPSC-.

PµPsCђCзCєPµPSPSCї C,,CзPSPeC†C-C— PSPëCђPsPe

PђP°P±P»PëC†Cї 2

P PµPePsPjPµPSPPrPsPIP°PSC- PrPsP·Pë PіCђPµPiP°CђP°C,Ć PrP»Cї PrPsCђPsĆP»PëC... C,P°
PrC-C,PµPNë P· PjP°ĆPsCђ C,C-P»P° P±C-P»CHbCєPµ 50 PePi, CїPeC%Ps PeP»C-CђPµPSĆ
PeCђPµP°C,PëPSC-PSĆ Ć PіP°C†C-C''PSC,C-PI ĆC,P°PSPsPIPëC,CHb PjPµPSCєPµ 51 PjP»/C...PI

РлP»C-CђPµPSĆ PeCђPµP°C,PëPSC-PSĆ (PjP»/C...PI)	PhPrPSPsCђP°P·PsPIP° PrPsP·P° (PrPëPI. C,P°P±P»PëC†Cђ 2)	PђP°ĆC,PsC,P°
26-50	PіPsPIPSP° PsPrPSPsCђP°P·PsPIP° PrPsP·P°	PePsP¶PSC- 12 PiPsPrPëPS
10-25	PіPsP»PsPIPëPSP° PsPrPSPsCђP°P·PsPIPsC— PrPsP·Pë	PePsP¶PSC- 12 PiPsPrPëPS

< 10	PiPsP»PsPIPëPSP° PsPrPSPsCḡP°P·PsPIPSc— PrPsP·Pë	PePsP¶PSC- 24 PiPsPrPëPSPë
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P°P°PSC-, C%Ps PiC-PrC,PIPµCḡPrP¶CḡCḡC,CH P·P°CḡC,PsCḡCḡPIP°PSPSCḡ
PIPeP°P·P°PSPëC... Cr C,P°P±P»PëCḡC- 2 PrPsP· PiCḡPµPiP°CḡP°C,Cḡ,
PIC-PrPePsCḡPëPiPsPIP°PSPëC... PSP° PsPrPëPSPëCḡCḡ PrPsP·Pë 2 Pi, PsP±PjPµP¶PµPSC-.

PḡPµCḡPsPiPµPSPµPj PIPëPIPsPrPëC,CHCḡCḡ P·P° PrPsPiPsPjPsPiPsCḡ
PiPµPjPsPrC-P°P»C-P·Cḡ C,P° PiPµPjPsC,,C-P»CHC,CḡP°CḡC-C—, C,PsPjCḡ
PSPµPsP±C...C-PrPSCḡ PrPsP·Cḡ PiCḡPµPiP°CḡP°C,Cḡ CḡP»C-Pr PIPiPsPrPëC,Pë PiC-CḡP»Cḡ
P·P°PIPµCḡCḡPµPSPSCḡ PiCḡPsCḡPµPrCḡCḡPë PiPµPjPsPrC-P°P»C-P·Cḡ.

P PµPePsPjPµPSPPrP°CḡC-PNḡ C%PsPrPs PrPsP·Pë PiCḡPµPiP°CḡP°C,Cḡ PrP»Cḡ
PiP°CḡC-C°PSC,C-PI, CḡPeC- PsC,CḡPëPjCḡCḡC,CH PiPµCḡPëC,PsPSPµP°P»CHPSPëPNḡ
PrC-P°P»C-P·, PSPµPjP°C°.

PµPsCḡCḡCḡPµPSPSCḡ C,,CḡPSPëCḡC-C— PiPµCḡC-PSPëPë

P°P»Cḡ PiP°CḡC-C°PSC,C-PI C-P· PiPsCḡCḡCḡPµPSPSCḡPjPë C,,CḡPSPëCḡC-C— PiPµCḡC-PSPëPë
PePsCḡPëPiCḡPIP°PSPSCḡ PrPsP·Pë PiCḡPµPiP°CḡP°C,Cḡ PSPµ PiPsC,CḡC-P±PSPµ (PrPëPI.
CḡPsP·PrC-P» B«PhCḡPsP±P»PëPIPsCḡC,C-B P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

P°PsP·CḡPIP°PSPSCḡ PrP»Cḡ PiP°CḡC-C°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PëCḡ

P°P»Cḡ PiP°CḡC-C°PSC,C-PI P»C-C,PSCHPsPiPs PIC-PëCḡ P· PSPsCḡPjP°P»CHPSPsCḡ
C,,CḡPSPëCḡC-C°Cḡ PSPëCḡPsPe P°P±Ps P·C- P·PSP°CḡPµPSPSCḡPjPë PḡPḡ > 50 PjP»/C...PI
PePsCḡPëPiCḡPIP°PSPSCḡ PrPsP·Pë PSPµ PiPsC,CḡC-P±PSPµ.

P°C-C,Pë PIC-PëPsPj PrPs 3 PjC-CḡCḡCḡC-PI

PḡPµPjP°C° PrP°PSPëC... C%PsPrPs P±PµP·PiPµPePë C,P° PµC,,PµPeC,PëPIPsPSCḡC,C-
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PjPµCḡPsPiPµPSPµPjCḡ PrC-C,CḡPj PIC-PëPsPj PrPs
3 PjC-CḡCḡCḡC-PI, PsPiC,PëPjP°P»CHPSPëPNḡ CḡPµP¶PëPj PrPsP·CḡPIP°PSPSCḡ C,P°PePsP¶
PSPµ PICḡC,P°PSPsPIP»PµPSPëPNḡ. PḡCḡPSCḡCḡC,CH PsP±PjPµP¶PµPSC-
C,,P°CḡPjP°PePsPeC-PSPµC,PëCḡPSC- PrP°PSC-, CḡPeC- PsP±T'CḡCḡPSC,PsPICḡCḡC,CH
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PrPsP·Pë PjPµCḡPsPiPµPSPµPjCḡ 20 PjPi/PePi PePsP¶PSC-
8 PiPsPrPëPS (PrPëPI. CḡPsP·PrC-P» B«P°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

PḡP°P±P»PëCḡCḡ 3

P PµPePsPjPµPSPPrPsPIP°PSC- PrPsP·Pë PiCḡPµPiP°CḡP°C,Cḡ PrP»Cḡ PrC-C,PµPNḡ PIC-PëPsPj
PIC-Pr 3 PjC-CḡCḡCḡC-PI PrPs 11 CḡPsPeC-PI C- P· PjP°CḡPsCḡ C,C-P»P° PrPs 50 PePi

PḡPSC,,PµPeCḡC-Cḡ	PhPrPSPsCḡP°P·PsPIP° PrPsP·P° PrP»Cḡ PIPiPµPrPµPSPSCḡ PePsP¶PSC- 8 PiPsPrPëPS
PµPSPµPIPjPsPSC-Cḡ, Cr C,PsPjCḡ CḡPëCḡP»C- PSPµPiPsCḡPiC-C,P°P»CHPSP° C,P° PiPsCḡPiC-C,P°P»CHPSP°	10 PjPi/PePi P°P±Ps 20 PjPi/PePi PjP°CḡPë C,C-P»P°

P'ČĤPsPSC...PsP»PμPiPμPSPμPIC- C-PSC,,PμPeC†C-C— P'ČĤPë PjCřPePsPIC-ČĤC†PëPrPsP·C-	40 PjPi/PePi PjP°ČĤPë C,C-P»P°
PJČĤPeP»P°PrPSPμPSC- C-PSC,,PμPeC†C-C— ČĤPμC†PsPIPëPIC-PrPSPëC... C€P»CĤC...C-PI	10 PjPi/PePi P°P±Ps 20 PjPi/PePi PjP°ČĤPë C,C-P»P°
PJČĤPeP»P°PrPSPμPSC- C-PSC,ČĤP°P°P±PrPsPjC-PSP°P»CHbPSC- C-PSC,,PμPeC†C-C—	10 PjPi/PePi P°P±Ps 20 PjPi/PePi PjP°ČĤPë C,C-P»P°
PJČĤPeP»P°PrPSPμPSC- C-PSC,,PμPeC†C-C— C€PeC-ČĤPë C- PjḡĤ™ CĤPePëC... C,PeP°PSPëPS	10 PjPi/PePi P°P±Ps 20 PjPi/PePi PjP°ČĤPë C,C-P»P°
P''PsČĤC,ČĤPëPNë P±P°PeC,PμČĤC-P°P»CHbPSPëPNë PjPμPSC-PSPiC-C,	40 PjPi/PePi PjP°ČĤPë C,C-P»P°
P>C-PeCřPIP°PSPSCĤ P'P°C†C-C''PSC,C-PI C-P· C,,PμP±ČĤPëP»CHbPSPsČĤ PSPμPNëC,ČĤPsP'PμPSC-C''ČĤ	20 PjPi/PePi PjP°ČĤPë C,C-P»P°

P''PsČĤPIC-PrCř P·P°ČĤC,PsČĤCřPIP°PSPSCĤ P'ČĤPμP'P°ČĤP°C,Cř PrC-C,CĤPj C-P·
P'PsČĤCřC€PμPSPSCĤPjPë C,,CřPSPeC†C-C— PSPëČĤPsPe PSPμPjP°C''.

P''C-C,Pë P· PjP°ČĤPsČĤ C,C-P»P° P±C-P»CHbC€Pμ 50 PePi

PŸP»C-Pr P·P°ČĤC,PsČĤPsPICřPIP°C,Pë PrPsP·Cř, CĤPe PrP»CĤ PrPsČĤPsČĤP»PëC...
P'P°C†C-C''PSC,C-PI.

PŸP'PsČĤC-P± P·P°ČĤC,PsČĤCřPIP°PSPSCĤ

P''PμPjPsP'PμPSPμPj^{B®} P·P°P·PIPëC†P°PNë P·P°ČĤC,PsČĤPsPICřČĤC,CHb Cř PIPëPiP»CĤPrC-
PIPSCřC,ČĤC-C€PSCĤPsPIPμPSPSPsC— C-PSC,,CřP·C-C— C,ČĤPëPIP°P»C-ČĤC,ČĤ PIC-Pr 15
PrPs 30 C...PIPëP»PëPS. PḡČĤC-Pj C,PsPiPs, PrPsP·Pë PjPμČĤPsP'PμPSPμPjCř PrPs 20 PjPi/PePi
PjPsP¶CřC,CHb P±CřC,Pë PIPiPμPrPμPSC- Cř PIPëPiP»CĤPrC-
PIPSCřC,ČĤC-C€PSCĤPsPIPμPSPSPsC— P±PsP»ČĤČĤPSPsC— C-PSḡĤ™ C''PeC†C-C—
P'ČĤPsC,CĤPiPsPj P'ČĤPëP±P»PëP·PSPs 5 C...PIPëP»PëPS. P''P°PSC- P· P±PμP·P'PμPePë
PIPIPμPrPμPSPSCĤ P'ČĤPμP'P°ČĤP°C,Cř PrC-C,CĤPj Cř PrPsP·C- 40 PjPi/PePi Cř
PIPëPiP»CĤPrC- PIPSCřC,ČĤC-C€PSCĤPsPIPμPSPSPsC— P±PsP»ČĤČĤPSPsC—
C-PSḡĤ™ C''PeC†C-C— PsP±PjPμP¶PμPSC-.

PμČĤPsPIPμPrPμPSPSCĤ PIPSCžC,ČĤC-C€PSCĤPsPIPμPSPSPsC— P±PsP»ČĤČĤPSPsC—
C-PSḡĤ™ C''PeC†C-C—

P PsP·C†PëPS PrP»CĤ P±PsP»ČĤČĤPSPsC— C-PSḡĤ™ C''PeC†C-C— ČĤP»C-Pr PiPsC,CřPIP°C,Pë
C€P»CĤC...PsPj ČĤPsP·C†PëPSPμPSPSCĤ P'ČĤPμP'P°ČĤP°C,Cř P''PμPjPsP'PμPSPμPj^{B®} Cř
PIPsPrC- PrP»CĤ C-PSḡĤ™ C''PeC†C-PNë PrPs PsC,ČĤPëPjP°PSPSCĤ
PePsPSC†PμPSC,ČĤP°C†C-C— 50 PjPi/PjP».

PĤC-PjC-C†PSP° C- C,,C-P·PëC†PSP° ČĤC,P°P±C-P»CHbPSC-ČĤC,CHb
P'ČĤPëPiPsC,PsPIP°PSPsPiPs ČĤPsP·C†PëPSCř PrP»CĤ P±PsP»ČĤČĤPSPsC—

C-PSBTM C''PeC†C-C— P·P±PμC₇C-PiP°P»P°C†C₇ PiC₇PsC,C₇PiPsPj 3 PiPsPrPëPS PiC₇Pë
PeC-PjPSP°C,PSC-PN₆ C,PμPjPiPμC₇P°C,C†C₇C- (15-25^{Ps}PŸ).

P— PjC-PeC₇PsP±C-PsP»PsPiC-C†PSPsC— C,PsC†PePë P·PsC₇C† P»C-PeP°C₇C†CHPePëPN₆
P·P°C†C-P± PSPμPsP±C...C-PrPSPs PIPëPePsC₇PëC†C,P°C,Pë PSPμPiP°PN₆PSPs.

PİPeC%₀Ps P»C-PeP°C₇C†CHPePëPN₆ P·P°C†C-P± PSPμ PIPëPePsC₇PëC†C,P°P»Pë
PsPrC₇P°P·C†, P·P° C,PμC₇PjC-PS C,P° C†PjPsPIPë PN₆PsPiPs P·P±PμC₇C-PiP°PSPSC₇
PiC-C†P»C₇ PiC₇PëPiPsC,C†PIP°PSPSC₇ PIC-PrPiPsPIC-PrP°C'' P»C-PeP°C₇.

PμC₇PsPIPμPrPμPSPSC₇ PIPSC†C,C₇C-C€PSC₇PsPIPμPSPSPsC— C-PSC,,C†P·C-C—

P PsP·C†PëPS PrP»C₇ C-PSC,,C†P·C-C— C†P»C-Pr PiPsC,C†PIP°C,Pë C€P»C₇C...PsPj
C₇PsP·C†PëPSPμPSPSC₇ PiC₇PμPiP°C₇P°C,C† P''PμPjPsPiPμPSPμPj^B C† 0,9 % C₇PsP·C†PëPSC-
PSP°C,C₇C-C₇ C...P»PsC₇PëPrC† PrP»C₇ C-PSC,,C†P·C-PN₆ P°P±Ps C† 5 % C₇PsP·C†PëPSC-
PiP»C₇PePsP·Pë (PrPμPeC†C,C₇PsP·Pë) PrP»C₇ C-PSC,,C†P·C-PN₆ PrPs PsC,C₇PëPjP°PSPSC₇
PePsPSC†PμPSC,C₇P°C†C-C— 1-20 PjPi/PjP».

P†C-PjC-C†PSP° C- C,,C-P·PëC†PSP° C†C,P°P±C-P»CHPSC-C†C,C₇
PiC₇PëPiPsC,PsPIP°PSPsPiPs C₇PsP·C†PëPSC† PrP»C₇ C-PSC,,C†P·C-C— P·
PIPëPePsC₇PëC†C,P°PSPSC₇Pj 0,9 % C₇PsP·C†PëPSC† PSP°C,C₇C-C₇ C...P»PsC₇PëPrC†
P·P±PμC₇C-PiP°P»P°C†C₇ PiC₇PsC,C₇PiPsPj 6 PiPsPrPëPS PiC₇Pë PeC-PjPSP°C,PSC-PN₆
C,PμPjPiPμC₇P°C,C†C₇C- (15-25^{Ps}PŸ) P°P±Ps PIPiC₇PsPrPsPIP¶ 24 PiPsPrPëPS PiC₇Pë
C,PμPjPiPμC₇P°C,C†C₇C- 2-8^{Ps}PŸ. PμC₇PëPiPsC,PsPIP°PSPëPN₆ C₇PsP·C†PëPS, C₇PeC%₀Ps
PIC-PS P±C†PI PsC...PsP»PsPrP¶PμPSPëPN₆, C†P»C-Pr PIPëPePsC₇PëC†C,P°C,Pë
PiC₇PsC,C₇PiPsPj 2 PiPsPrPëPS PiC-C†P»C₇ P·P±PμC₇C-PiP°PSPSC₇ C†
C...PsP»PsPrPëP»CHPSPëPeC†. P— PjC-PeC₇PsP±C-PsP»PsPiC-C†PSPsC— C,PsC†PePë P·PsC₇C†
P»C-PeP°C₇C†CHPePëPN₆ P·P°C†C-P± PSPμPsP±C...C-PrPSPs PIPëPePsC₇PëC†C,P°C,Pë
PSPμPiP°PN₆PSPs. PİPeC%₀Ps P»C-PeP°C₇C†CHPePëPN₆ P·P°C†C-P± PSPμ
PIPëPePsC₇PëC†C,P°P»Pë PsPrC₇P°P·C†, P·P° C,PμC₇PjC-PS C,P° C†PjPsPIPë PN₆PsPiPs
P·P±PμC₇C-PiP°PSPSC₇ PiC-C†P»C₇ PiC₇PëPiPsC,C†PIP°PSPSC₇ PIC-PrPiPsPIC-PrP°C''
P»C-PeP°C₇.

PμC₇PëPiPsC,PsPIP°PSPëPN₆ P· 5 % C₇PsP·C†PëPSPsPj PiP»C₇PePsP·Pë (PrPμPeC†C,C₇PsP·Pë)
C₇PsP·C†PëPS P''PμPjPsPiPμPSPμPj^B C†P»C-Pr PIPëPePsC₇PëC†C,P°C,Pë PSPμPiP°PN₆PSPs,
C,PsP±C,Ps PiC₇PsC,C₇PiPsPj 1 PiPsPrPëPSPë PiC-C†P»C₇ PiC₇PëPiPsC,C†PIP°PSPSC₇.

PαP»P°PePsPS PiC₇PëP·PSP°C†PμPSPëPN₆ C,C-P»CHPePë PrP»C₇ PsPrPSPsC₇P°P·PsPIPsPiPs
P·P°C†C,PsC†C†PIP°PSPSC₇. PμC₇Pë PiC₇PëPiPsC,C†PIP°PSPSC- C₇PsP·C†PëPSC† C- PiC-Pr
C†P°C† PN₆PsPiPs P·P°C†C,PsC†C†PIP°PSPSC₇ C†P»C-Pr PIPëPePsC₇PëC†C,PsPIC†PIP°C,Pë
C†C,P°PSPrP°C₇C,PSC- P°C†PμPiC,PëC†PSC- PjPμC,PsPrPë C₇PsP±PsC,Pë. P PsP·C†PëPS
C†P»C-Pr C†C,C₇C†C†PëC,Pë PİPμC₇PμPr PIPëPePsC₇PëC†C,P°PSPSC₇Pj.
PκPμPIPëPePsC₇PëC†C,P°PSPëPN₆ C₇PsP·C†PëPS P°P±Ps PIC-PrC...PsPrPë
PSPμPsP±C...C-PrPSPs C†C,PëP»C-P·C†PIP°C,Pë PIC-PrPiPsPIC-PrPSPs PrPs PjC-C†C†PμPIPëC...
PIPëPjPsPi.

P''C-C,Pë.

PμC₇PμPiP°C₇P°C, P·P°C†C,PsC†PsPIC†C₇C,C₇ PrC-C,C₇Pj PIC-PePsPj PIC-Pr 3
PjC-C†C₇C†C-PI.

РμРμCḡРμPrPsP·CзPIP°PSPSCḡ.

P' C-PrPSPsCḡPSPμ PīPμCḡРμPrPsP·CḡPIP°PSPSCḡ PjPsPḡP»PēPIPμ Cḡ PīP°C†C-C''PSC,C-PI P·PīPsCḡCḡCεPμPSPSCḡPjPē C,,CḡPSPeC†C-C— PSPēCḡPsPe Cḡ PIPēPīP°PrPeCḡ, CḡPeC%Ps PrPsP·P° PīCḡРμPīP°CḡP°C,Cḡ PSPμ PePsCḡPēPiCḡC''C,CHCḡCḡ, CḡPe PsPīPēCḡP°PSPs Cḡ CḡPsP·PrC-P»C- B«PŸPīPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·PēB».

PḡP±PjPμPḡPμPSPēPNḡ PrPsCḡPIC-Pr PīPsCḡC,PjP°CḡPePμC,PēPSPiPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PīCḡРμPīP°CḡP°C,Cḡ CḡPIC-PrC†PēC,CH PīCḡPs C,Pμ, C%Ps CḡPeC%Ps PīC-CḡP»Cḡ PīPμCḡРμPrPsP·CḡPIP°PSPSCḡ PIPēPSPēPeP°CḡC,CH PSPμP±P°PḡP°PSC- CḡРμP°PeC†C-C—, PIPsPSPē CḡP·PīPsPrPḡCḡC,CHCḡCḡ P·PīCḡPsC,,C-P»PμPj PSPēPḡC†Pμ P·P°P·PSP°C†PμPSPēC... PīPsP±C-C†PSPēC... CḡРμP°PeC†C-PNḡ, PsPīPēCḡP°PSPēC... Cḡ CḡPsP·PrC-P»C- B«PμPsP±C-C†PSC- CḡРμP°PeC†C-C—B» C-, CḡPe PīCḡP°PIPē»Ps P»PμPiPeC- P·P° CḡC,CḡPīPμPSPμPj PīCḡPsCḡPICḡ C- PjPēPSP°CḡC,CH PīC-CḡP»Cḡ PIC-PrPjC-PSPē PīCḡРμPīP°CḡP°C,Cḡ P°P±Ps P·PSPēPḡPμPSPSCḡ PNḡPsPiPs PrPsP·Pē. PŸP»C-Pr CḡPsP·PiP»CḡPSCḡC,Pē PSPμPsP±C...C-PrPSC-CḡC,CH CḡPēPjPiC,PsPjP°C,PēC†PSPsPiPs P»C-PeCḡPIP°PSPSCḡ.

P' PsCḡC-P± P· PSPsCḡPjP°P»CHPSPsCḡ C,,CḡPSPeC†C-C''Cḡ PSPēCḡPsPe PIC-PrP±CḡPIP°C''C,CHCḡCḡ CεPIPēPrPePμ PIPēPIPμPrPμPSPSCḡ PīCḡРμPīP°CḡP°C,Cḡ PSPēCḡPeP°PjPē.

P—P° PrPsPīPsPjPsPiPsCḡ PīPμPjPsPrC-P°P»C-P·Cḡ PjPμCḡPsPīPμPSPμPj C- PNḡPsPiPs PjPμC,P°P±PsP»C-C,Pē PIPēIPsPrCḡC,CHCḡCḡ P· PsCḡPiP°PSC-P·PjCḡ.

РμPsP±C-C†PSC- CḡРμP°PeC†C-C—.

PḡP°PNḡC†P°CḡC,C-CεPēPjPē PSPμP±P°PḡP°PSPēPjPē CḡРμP°PeC†C-CḡPjPē, PīPsPiBḡ™ CḡP·P°PSPēPjPē C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PjPμCḡPsPīPμPSPμPjCḡ, P±CḡP»Pē PrC-P°CḡРμCḡ, PIPēCḡPēPīP°PSPSCḡ, PSCḡPrPsC,P°/P±P»CḡPIP°PSPSCḡ C,P° P·P°PīP°P»PμPSPSCḡ Cḡ PjC-CḡC†C- PIPiPμPrPμPSPSCḡ C-PSBḡ™ C''PeC†C-C—.

PḡP°PNḡC†P°CḡC,C-CεPēPjPē PSPμP±P°PḡP°PSPēPjPē, PīPsPiBḡ™ CḡP·P°PSPēPjPē C-P· P·P°CḡC,PsCḡCḡPIP°PSPSCḡPj PjPμCḡPsPīPμPSPμPjCḡ CḡPIPēC%P°PjPē P· P±PsPeCḡ P»P°P±PsCḡP°C,PsCḡPSPēC... PīPsPeP°P·PSPēPeC-PI, PīCḡPs CḡPeC- PīPsPIC-PrPsPjP»CḡP»Pē, P±CḡP»Pē C,CḡPsPjP±PsC†PēC,PsP· C,P° PīC-PrPIPēC%PμPSPSCḡ CḡC-PIPSCḡ PīPμC†C-PSPePsPIPēC... C,,PμCḡPjPμPSC,C-PI.

PḡP°PIPμPrPμPSC- PSPēPḡC†Pμ PīPsP±C-C†PSC- CḡРμP°PeC†C-C— P·P°P·PSP°C†PμPSC- P·P° PeP»P°CḡPsPj CḡPēCḡC,PμPjPē PsCḡPiP°PSC-PI C- C†P°CḡC,PsC,PsCḡ: PrCḡPḡPμ C†P°CḡC,Ps ($\geq 1/10$); C†P°CḡC,Ps (PIC-Pr $\geq 1/100$ PrPs $< 1/10$); PSPμC†P°CḡC,Ps (PIC-Pr $\geq 1/1000$ PrPs $< 1/100$); CḡC-PrPePs (PIC-Pr $\geq 1/10000$ PrPs $< 1/1000$); PrCḡPḡPμ CḡC-PrPePs ($< 1/10000$); C†P°CḡC,PsC,P° PSPμPIC-PrPsPjP° (PSPμ PjPsPḡPSP° PsC†C-PSPēC,Pē PSP° PsCḡPSPsPIC-PSP°CḡPIPSPēC... PrP°PSPēC...). Pj PjPμPḡP°C... PePsPḡPSPsC— PiCḡCḡPīPē C†P°CḡC,PsC, PīPsP±C-C†PSC- CḡРμP°PeC†C-C— P·P°P·PSP°C†PμPSC- Cḡ PīPsCḡCḡPrPeCḡ P·PjPμPSCεPμPSPSCḡ PīCḡPsCḡPIC-PI.

P†PSC,,PμPeC†C-C— C,P° C-PSPIP°P·C-C—: PSPμC†P°CḡC,Ps Bḡ“ PsCḡP°P»CHPSPēPNḡ C,P° PIP°PiC-PSP°P»CHPSPēPNḡ PeP°PSPPrPēPrPsP·.

$P - P \pm PsPeC \acute{e} PeC\bar{H}PsPIC - C, P^{\circ} P \gg C - PjC, P^{\circ}C, P\ddot{e}C \nmid PSPsC - C\bar{I}P\ddot{e}C\bar{I}C, P\mu PjP\ddot{e}: C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $C, C\bar{H}PsPjP \pm PsC \nmid P\ddot{e}C, PsP\bar{i}P\mu PSC - C\bar{I}I; PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $P\mu PsP \cdot P\ddot{e}PSPsC, C - P \gg C - C\bar{I}I,$
 $P \gg P\mu PN\ddot{e}PePsP\bar{i}P\mu PSC - C\bar{I}I, PSP\mu PN\ddot{e}C, C\bar{H}PsP\bar{i}P\mu PSC - C\bar{I}I, P^{\circ}PiC\bar{H}P^{\circ}PSC \nmid P \gg PsC \nmid P\ddot{e}C, PsP \cdot,$
 $PiP\mu PjPsP \gg C - C, P\ddot{e}C \nmid PSP^{\circ} P^{\circ}PSP\mu PjC - C\bar{I}I.$

$P - P \pm PsPeC \acute{e} C - PjC \acute{e} PSPSPsC - C\bar{I}P\ddot{e}C\bar{I}C, P\mu PjP\ddot{e}: PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $P^{\circ}PSPiC - PsPSP\mu PIC\bar{H}PsC, P\ddot{e}C \nmid PSP\ddot{e}PN\ddot{e} PSP^{\circ}P \pm C\bar{H}C\bar{I}IPe, P^{\circ}PSP^{\circ}C, C - P \gg P^{\circ}PeC, P\ddot{e}C \nmid PSC -$
 $C\bar{H}P\mu P^{\circ}PeC \nmid C - C - (PrP\ddot{e}PI. C\bar{H}PsP \cdot PrC - P \gg P\ddot{e} B \ll P\mu C\bar{H}PsC, P\ddot{e}P\bar{i}PsPeP^{\circ}P \cdot P^{\circ}PSPSC\bar{I}IB \gg C, P^{\circ}$
 $B \ll PhC\bar{I}PsP \pm P \gg P\ddot{e}PIPsC\bar{I}C, C - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C \nmid PIP^{\circ}PSPSC\bar{I}IB \gg).$

$P\mu C\bar{I}P\ddot{e}C \dots C - C \nmid PSC - C\bar{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e}: C\bar{H}C - PrPePs \text{ в } \bar{H} "$ $PrP\mu P \gg C - C\bar{H}C - PN\ddot{e}.$

$P - P \pm PsPeC \acute{e} PSP\mu C\bar{H}PIPsPIPsC - C\bar{I}P\ddot{e}C\bar{I}C, P\mu PjP\ddot{e}: C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $PiPsP \gg PsPIPsP\ddot{e}PN\ddot{e}$
 $P \pm C - P \gg CH\bar{H}; PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $P\bar{i}P^{\circ}C\bar{H}P\mu C\bar{I}C, P\mu P \cdot C - C -; C\bar{H}C - PrPePs \text{ в } \bar{H} "$ $C\bar{I}C \nmid PrPsPjP\ddot{e}$
 $(PrP\ddot{e}PI. C\bar{H}PsP \cdot PrC - P \gg B \ll PhC\bar{I}PsP \pm P \gg P\ddot{e}PIPsC\bar{I}C, C - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C \nmid PIP^{\circ}PSPSC\bar{I}IB \gg).$

$P PsP \cdot P \gg P^{\circ}PrP\ddot{e} PjP\mu C, P^{\circ}P \pm PsP \gg C - P \cdot PjC \acute{e} C, P^{\circ} C \dots P^{\circ}C\bar{H}C \nmid C \acute{e} PIP^{\circ}PSPSC\bar{I}I: PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $PiC - P\bar{i}PsPeP^{\circ}P \gg C - C " PjC - C\bar{I}I.$

$P - P \pm PsPeC \acute{e} C\bar{e}P \gg C \acute{e} PSPePsPIPs - PeP\ddot{e}C\bar{e}PePsPIPsPiPs C, C\bar{H}P^{\circ}PeC, C \acute{e}: C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $PSC \nmid PrPsC, P^{\circ}, P \pm P \gg C\bar{H}PIPsPSPSC\bar{I}I, PrC - P^{\circ}C\bar{H}P\mu C\bar{I}I, P \pm C - P \gg CH\bar{H} C \nmid P\bar{i}P\ddot{e}PIPsC, C -;$
 $PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $PePsP \gg C - C, P^{\circ}C\bar{I}PsC \nmid C - PN\ddot{e}PsPIPsPSP\ddot{e}PN\ddot{e} C - P \cdot$
 $P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C \nmid PIP^{\circ}PSPSC\bar{I}I Pj P^{\circ}PSC, P\ddot{e}P \pm C - PsC, P\ddot{e}PeC - PI (PrP\ddot{e}PI. C\bar{H}PsP \cdot PrC - P \gg$
 $B \ll PhC\bar{I}PsP \pm P \gg P\ddot{e}PIPsC\bar{I}C, C - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C \nmid PIP^{\circ}PSPSC\bar{I}IB \gg).$

$P - P \pm PsPeC \acute{e} P\bar{i}P\mu C \nmid C - PSPeP\ddot{e} C, P^{\circ} P\bar{i}PsPIC \nmid PsPIPs\ddot{e}PIC - PrPSP\ddot{e}C \dots C\bar{e}P \gg C\bar{I}I C \dots C - PI: C \nmid P^{\circ}C\bar{I}C, Ps$
 $\text{ в } \bar{H} "$ $P\bar{i}C - PrPIPs\ddot{e}C \% P\mu PSPSC\bar{I}I C\bar{H}C - PIPSC\bar{I}I C, C\bar{H}P^{\circ}PSC \nmid P^{\circ}PjC - PSP^{\circ}P \cdot, P\bar{i}C - PrPIPs\ddot{e}C \% P\mu PSPSC\bar{I}I$
 $C\bar{H}C - PIPSC\bar{I}I P \gg C \nmid P\bar{i}PSPsC - C, PsC\bar{I}C, P^{\circ}C, P^{\circ}P \cdot P\ddot{e} C \nmid PeC\bar{H}PsPIC -, P\bar{i}C - PrPIPs\ddot{e}C \% P\mu PSPSC\bar{I}I$
 $C\bar{H}C - PIPSC\bar{I}I P \gg P^{\circ}PeC, P^{\circ}C, PrP\mu PiC - PrC\bar{H}PsPiP\mu PSP^{\circ}P \cdot P\ddot{e} C \nmid PeC\bar{H}PsPIC -; PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $P\bar{i}C - PrPIPs\ddot{e}C \% P\mu PSPSC\bar{I}I C\bar{H}C - PIPSC\bar{I}I P \pm C - P \gg C - C\bar{H}C \nmid P \pm C - PSC \nmid C \nmid PeC\bar{H}PsPIC -,$
 $C \nmid C\bar{H}P^{\circ}P\bar{i}P\mu PSPSC\bar{I}I P\bar{i}P\mu C \nmid C - PSPeP\ddot{e}, C - PSPrC \nmid PePsPIPsPSP\mu P \gg C - PeP^{\circ}C\bar{H}C \nmid CHPeP\ddot{e}PjP\ddot{e}$
 $P \cdot P^{\circ}C\bar{I}PsP \pm P^{\circ}PjP\ddot{e} (DILI), P \cdot PSP^{\circ}C\bar{I}C, C \nmid P\bar{i}PSPsC\bar{H} P\bar{i}C\bar{H}P\ddot{e}PjC - C, PePsC\bar{H}: DILI PIPeP \gg C\bar{H}C \nmid P^{\circ}C$
 $PiP\mu P\bar{i}P^{\circ}C, P\ddot{e}C, C, P^{\circ} P\bar{i}P\mu C \nmid C - PSPePsPIC \nmid PSP\mu PrPsC\bar{I}C, P^{\circ}C, PSC - C\bar{I}C, CH\bar{H}.$

$P - P \pm PsPeC \acute{e} C\bar{e}PeC - C\bar{H}P\ddot{e} C, P^{\circ} P\bar{i}C - PrC\bar{e}PeC - C\bar{H}PSPsC - C, PeP^{\circ}PSP\ddot{e}PSP\ddot{e}: C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $PIPsC\bar{I}P\ddot{e}P\bar{i}P^{\circ}PSPSC\bar{I}I, C\bar{I}PIPsC\bar{H}P \pm C - P\bar{i}; PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $PeC\bar{H}PsP\bar{i}P\ddot{e}PI \text{ в } \bar{H} " C\bar{I}IPSPeP^{\circ},$
 $C, PsPeC\bar{I}P\ddot{e}C \nmid PSP\ddot{e}PN\ddot{e} P\mu P\bar{i}C - PrP\mu C\bar{H}PjP^{\circ}P \gg CH\bar{H}PSP\ddot{e}PN\ddot{e} PSP\mu PeC\bar{H}PsP \gg C - P \cdot, C\bar{I}P\ddot{e}PSPrC\bar{H}PsPj$
 $P\bar{Y}C, C - PIP\mu PSC \nmid P^{\circ}P " P\bar{i}PsPSC \nmid PsPSP^{\circ}, PjC \nmid P \gg CH\bar{H}C, P\ddot{e}C, PsC\bar{H}PjPSP^{\circ} P\mu C\bar{H}P\ddot{e}C, P\mu PjP^{\circ};$
 $C \nmid P^{\circ}C\bar{I}C, PsC, P^{\circ} PSP\mu PIC - PrPsPjP^{\circ} \text{ в } \bar{H} "$ $PjP\mu PrP\ddot{e}PeP^{\circ}PjP\mu PSC, PsP \cdot PSP^{\circ} P^{\circ}P \gg P\mu C\bar{H}PiC - C\bar{I}I P \cdot$
 $P\mu PsP \cdot P\ddot{e}PSPsC, C - P \gg C - C " C\bar{H} C - C\bar{I}P\ddot{e}C\bar{I}C, P\mu PjPSP\ddot{e}PjP\ddot{e} C\bar{I}P\ddot{e}PjP\bar{i}C, PsPjP^{\circ}PjP\ddot{e} (DRESS-$
 $C\bar{I}P\ddot{e}PSPrC\bar{H}PsPj), P\bar{i}PsC\bar{I}C, C\bar{H}P\ddot{e}PN\ddot{e} PiP\mu PSP\mu C\bar{H}P^{\circ}P \gg C - P \cdot PsPIPsPSP\ddot{e}PN\ddot{e}$
 $P\mu PeP \cdot P^{\circ}PSC, P\mu PjP^{\circ}C, PsP \cdot PSP\ddot{e}PN\ddot{e} P\bar{i}C \nmid C\bar{I}C, C \nmid P \gg CH\bar{H}PsP \cdot (PrP\ddot{e}PI. C\bar{H}PsP \cdot PrC - P \gg$
 $B \ll PhC\bar{I}PsP \pm P \gg P\ddot{e}PIPsC\bar{I}C, C - P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C \nmid PIP^{\circ}PSPSC\bar{I}IB \gg).$

$P - P \pm PsPeC \acute{e} PSP\ddot{e}C\bar{H}PsPe C - C\bar{I}P\mu C \nmid PsPIPs\ddot{e}PIC - PrPSP\ddot{e}C \dots C\bar{e}P \gg C\bar{I}I C \dots C - PI: PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps$
 $\text{ в } \bar{H} "$ $P\bar{i}C - PrPIPs\ddot{e}C \% P\mu PSPSC\bar{I}I C\bar{H}C - PIPSC\bar{I}I PeC\bar{H}P\mu P^{\circ}C, P\ddot{e}PSC - PSC \nmid C, P^{\circ} C\bar{I}P\mu C \nmid PsPIPs\ddot{e}PSP\ddot{e} PI$
 $PeC\bar{H}PsPIC -.$

$P - P^{\circ}PiP^{\circ}P \gg CH\bar{H}PSC - C\bar{H}PsP \cdot P \gg P^{\circ}PrP\ddot{e} C, P^{\circ} C\bar{H}P\mu P^{\circ}PeC \nmid C - C - C \acute{e} PjC - C\bar{I}C \nmid C - PIPiP\mu PrP\mu PSPSC\bar{I}I:$
 $C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$ $P \cdot P^{\circ}P\bar{i}P^{\circ}P \gg P\mu PSPSC\bar{I}I, P \pm C - P \gg CH\bar{H}; PSP\mu C \nmid P^{\circ}C\bar{I}C, Ps \text{ в } \bar{H} "$
 $C, C\bar{H}PsPjP \pm PsC, P \gg P\mu P \pm C - C, P \pm C - P \gg CH\bar{H} C \nmid PjC - C\bar{I}C \nmid C - C - PS \text{ в } \bar{H} " C " PeC \nmid C - C -.$

[illegible]

C-PSB₇TM C''PeC†C-PN₆.

P_hP_μC₇PsP_iP_μPSP_μP_j C' C,,P»P°PePsPSP°C... PrP»C₇ PIPSC' C, C₇C-C€PSC_hPsPIP_μPSPSPëC...
C-PSC,,C'P·C-PN₆ PjPsP¶PSP° P±P_μP·P_iPsC'P_μC₇P_μPrPSC_hPs PIC-PrPSPsPIPëC,Pë C' 0,9 %
C₇PsP·C†PëPSC- PSP°C,C₇C-C_h C...P»PsC₇PëPrC' P°P±Ps 5 % C₇PsP·C†PëPSC-
PiP»C_hPePsP·Pë PrP»C₇ PiC₇PsPIP_μPrP_μPSPSC₇ C-PSC,,C'P·C-PN₆.

PJPiP°PePsPIPeP°.

P_μPs 1 C,,P»P°PePsPSC' PI PeP°C₇C,PsPSPSC-PN₆ C'PiP°PePsPIC†C-.

P_hP°C,P_μPiPsC₇C-C₇ PIC-PrPiC' C'PeC'. P—P° C₇P_μC†P_μPiC,PsPj.

P'PëC₇PsP±PSPëPe.

P''P·P_hP_h P₇.P₇. P_hP°C₇PjP°C' C_hC_hC,C-PeP°P» P†PSPPrP°C' C, C₇C-.

**P_hC-C' C†P_μP·PSP°C...PsPrP¶P_μPSPSC₇ PIPëC₇PsP±PSPëPeP° C,P° P°PrC₇P_μC'P°
PjC-C' C†C₇ PiC₇PsPIP°PrP¶P_μPSPSC₇ PN₆PsPiPs PrC-C₇P»C_hPsPSC' C,C-.**

21-PN₆ PeC-P»PsPjP_μC,C₇ PSP°C†C-PsPSP°P»C_hPsP_iPs C€PsC'P_μ P_hC,,C-PSPë - P>P°PjC-C₇,
P_hC₇C-PsPSP_μC₇C- P_hC,C,PëPeP°, 14568, P''C₇P_μC†C-C₇.