

Р†РЌРЎРЎР РЈРЉРЇР†РЇ

**PrP»CЦ PjPμPrPëC±PSPsPiPs P•P°CíC,PsCíCíPIP°PSPSCЦ P»C-PeP°CЃCíCЃPePsPiPs
P•P°CíPsP±Cí**

P_hP P†P^u

(ARIS)

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

PrC-C_HC≠P^o C_HP_μC≠P_sPIP_ēPSP^o: P_jP_μC_HP_sP_iP_μPSP_μP_j (meropenem);

1 C,,P»P°PePsPS PjC-CÍC,PëC,CH: PjPµCĤPsPĩPµPSPµPjCr C,CĤPëPiC-PrCĤP°C,Cr PµPePIC-PIP°P»PµPSC,PSPs PjPµCĤPsPĩPµPSPµPjCr 500 PjPiB P°P±Ps 1000 PjPi;

$$PrPsPiPsPjC-P\P PSP^{\circ} C\overline{H}P\mu C\mp PsPIP\ddot{e}PSP^{\circ}: PSP^{\circ}C, C\overline{H}C-C\overline{H} PeP^{\circ}C\overline{H}P\pm PsPSP^{\circ}C, \\ P\pm P\mu P\cdot PIPsPrPSP\ddot{e}P\mathbb{N}_{\circ}.$$

P>C-PeP°CĤCÍCHPeP° C,,PsCĤPjP°. PĤPsCĤPsC€PsPe PrP»CĤ CĤPsP·C‡PëPSCÍ PrP»CĤ C-PSC,,CÍP·C-PN₂.

$P\hbar C\acute{I}PSPsPIPSC-C,,C-P\ddot{e}PePs-C...C-PjC-C\ddagger PSC-PIP\gg P^{\circ}C\acute{I}C,P\ddot{e}PIPsC\acute{I}C,C-: P\ddot{i}PsC\ddot{H}PsC\acute{e}PsPe$
 $PIC-Pr P\pm C-P\gg PsPiPs PrPs C\acute{I}PIC-C,P\gg Ps-P\Psi PsPIC,PsPiPs PePsP\gg ChbPsC\ddot{H}C\acute{r}.$

Р_αР°С₅Р_βР_γР°Р_εР_δС, Р_μС₅Р°Р_πР_μР_πС, Р_εС±Р_δР° Р_πС₅С_γР_πР°. Р_πС₅Р_δС, Р_εР_βС-Р_εС₅Р_δР_±Р_δС-Р_·Р°С_γР_δР_±Р_ε Р_πР_»С_π С_γР_εС_γС, Р_μР_βР_δР_δР_πР_δ Р_·Р°С_γС, Р_δС_γС_γР_πР°Р_δР_δС_π. Р_λР°С₅Р_δР_±Р°Р_πР_μР_δР_μР_βР_ε. Р_λР_δР_πР_γ Р_δР_βР_γР_π В J01D H02.

$$P\alpha P^{\circ}C\bar{H}PjP^{\circ}P_{\epsilon}P_sP\gg P_sPiC-C\bar{\neq}PSC-PIP\gg P^{\circ}C\bar{\Gamma}C,P\ddot{e}PIP_sC\bar{\Gamma}C,C-.$$
$$P \propto P^\circ C \eta P j P^\circ P \epsilon P s P r P \ddot{e} P S P^\circ P j C - P \epsilon P^\circ.$$

$\text{P}\tilde{\text{H}}\cdot\text{P}_{\mu}\text{C}\tilde{\text{T}}_{\text{J}}\text{PsPiP}_{\mu}\text{PSP}_{\mu}\text{Pj C}\ddagger\text{P}\ddot{\text{e}}\text{PSP}\ddot{\text{e}}\text{C},\text{CH P}\pm\text{P}^{\circ}\text{PeC},\text{P}_{\mu}\text{C}\tilde{\text{T}}_{\text{J}}\text{P}\ddot{\text{e}}\text{C}\dagger\text{P}\ddot{\text{e}}\text{PrPSCr PrC-CH C}\epsilon\text{P}\rangle\text{ClIC...PsPj}$
 $\text{C-PSPiC-P}\pm\text{CrPIP}^{\circ}\text{PSPSClI Cl'}\text{P}\ddot{\text{e}}\text{PSC},\text{P}_{\mu}\text{P}\cdot\text{Cr Cl'C},\text{C-PSPsPe P}\pm\text{P}^{\circ}\text{PeC},\text{P}_{\mu}\text{C}\tilde{\text{T}}_{\text{J}}\text{C-P}^{\circ}\text{P}\rangle\text{CH}\text{PSP}\ddot{\text{e}}\text{C...}$
 $\text{PeP}\rangle\text{C-C,P}\ddot{\text{e}}\text{PS Cr PiC}\tilde{\text{T}}_{\text{J}}\text{P}^{\circ}\text{PjPiPsP}\cdot\text{P}\ddot{\text{e}}\text{C},\text{P}\ddot{\text{e}}\text{PIPS}\ddot{\text{e}}\text{C... C- PiC}\tilde{\text{T}}_{\text{J}}\text{P}^{\circ}\text{PjPSP}_{\mu}\text{PiP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{PIPS}\ddot{\text{e}}\text{C...}$
 $\text{P}\pm\text{P}^{\circ}\text{PeC},\text{P}_{\mu}\text{C}\tilde{\text{T}}_{\text{J}}\text{C-PN}_{\text{e}} \text{C}\epsilon\text{P}\rangle\text{ClIC...PsPj P}\cdot\text{PiB}\tilde{\text{T}}^{\text{TM}} \text{ClIP-CrPIP}^{\circ}\text{PSPSClI P}\cdot \text{P}\pm\text{C-P}\rangle\text{PeP}^{\circ}\text{PjP}\ddot{\text{e}}, \text{C}\%_{\text{o}}\text{Ps}$
 $\text{P}\cdot\text{PiB}\tilde{\text{T}}^{\text{TM}} \text{ClIP-CrC}\tilde{\text{H}}\text{C},\text{CH PiP}_{\mu}\text{PSC-C}\dagger\text{P}\ddot{\text{e}}\text{P}\rangle\text{C-PS (PBP)}.$

$\text{P}\ddot{\text{P}}\text{e C- PrP}\gg\text{C}\ddot{\text{I}}\text{ C-PSC}\epsilon\text{P}\ddot{\text{e}}\text{C... P}\pm\text{P}_{\mu}\text{C,P}^{\circ}\text{-P}\gg\text{P}^{\circ}\text{P}\epsilon\text{C,P}^{\circ}\text{PjPSP}\ddot{\text{e}}\text{C...}$
 $\text{P}^{\circ}\text{PSC,P}\ddot{\text{e}}\text{P}\pm\text{P}^{\circ}\text{P}\epsilon\text{C,P}_{\mu}\text{C}\ddot{\text{H}}\text{C-P}^{\circ}\text{P}\gg\text{C}\ddot{\text{H}}\text{PSP}\ddot{\text{e}}\text{C... P}\cdot\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{PsP}\pm\text{C-PI, P}\ddot{\text{I}}\text{PsPeP}^{\circ}\text{P}\cdot\text{PSP}\ddot{\text{e}}\text{PeP}\ddot{\text{e}}\text{ C}\ddot{\text{I}}\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{C}\ddot{\text{r}},$
 $\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{ C}\ddot{\text{I}}\text{PeP}\ddot{\text{e}}\text{C... PePsPSC}\ddot{\text{I}}\text{P}_{\mu}\text{PSC,C}\ddot{\text{H}}\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{C-C- PjP}_{\mu}\text{C}\ddot{\text{H}}\text{PsP}\ddot{\text{I}}\text{P}_{\mu}\text{PSP}_{\mu}\text{PjC}\ddot{\text{r}}$
 $\text{P}\ddot{\text{I}}\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{P}_{\mu}\text{PIP}\ddot{\text{e}}\text{C}\%_{\text{C}}\text{C}\ddot{\text{r}}\text{PIP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{ PjC-PSC-PjP}^{\circ}\text{P}\gg\text{C}\ddot{\text{H}}\text{PSC- C-PSPIc-P}\pm\text{C}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{C}\ddot{\text{I}}\text{C-}$
 $\text{PePsPSC}\ddot{\text{I}}\text{P}_{\mu}\text{PSC,C}\ddot{\text{H}}\text{P}^{\circ}\text{C}\ddot{\text{I}}\text{C-C- (P}_{\text{H}}\text{P}\ddot{\text{I}}\text{P}\ddot{\text{Y}}) (\ddot{\text{Y}}>\text{P}_{\text{H}}\text{P}\ddot{\text{I}}\text{P}\ddot{\text{Y}}), \text{PIP}\epsilon\text{P}^{\circ}\text{P}\cdot\text{C}\ddot{\text{I}}\text{PIP}^{\circ}\text{P}\gg\text{P}\ddot{\text{e}}\text{ PSP}^{\circ}$
 $\text{PIP}\ddot{\text{e}}\text{C}\ddot{\text{I}}\text{PsPeP}\ddot{\text{e}}\text{Pn}_{\text{e}}\text{ C}\ddot{\text{I}}\text{C,C}\ddot{\text{r}}\text{P}\ddot{\text{I}}\text{C-PSCH PePsC}\ddot{\text{H}}\text{P}_{\mu}\text{P}\gg\text{C}\ddot{\text{I}}\text{C}\ddot{\text{I}}\text{C-C- P}\cdot\text{P}_{\mu}\text{C,,P}_{\mu}\text{PeC,P}\ddot{\text{e}}\text{PIPSC-C}\ddot{\text{I}}\text{C,C}\ddot{\text{H}}.\text{P,,}$
 $\text{PrP}^{\circ}\text{PSC-, C}\%_{\text{P}}\text{Ps PSP}^{\circ}\text{ PrPsPeP}\gg\text{C-PSC-C}\ddot{\text{I}}\text{PSPsPjC}\ddot{\text{r}}\text{ P}_{\mu}\text{C,P}^{\circ}\text{P}\ddot{\text{I}}\text{C- PjP}_{\mu}\text{C}\ddot{\text{H}}\text{PsP}\ddot{\text{I}}\text{P}_{\mu}\text{PSP}_{\mu}\text{Pj}$

PiC₇PsPrP_μPjPsPSC₁C, C₇C₁PIP°PI P°PeC, PēPIPSC-C₁C, C₇ PiC₇Pē
 PePsPSC₁P_μPSC, C₇P°C₁C-C₁C... C₁ PiP»P°P·PjC- PeC₇PsPIC-, C%₀Ps
 PiP_μC₇P_μPIPēC%₀C₁PIP°P»Pē P₇P₁P₇ PrP»C₁C-PSC,, C-PeC₁C₇C₁PēC...
 PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI PiC₇PēP±P»PēP·PSPs PSP° 40 % PIC-Pr C-PSC, P_μC₇PIP°P»C₁
 PrPsP·C₁PIP°PSPSC₁. PiP_μ C₁C-P»C₇PsPiP_μ P·PSP°C₁P_μPSPSC₁ PSP_μ P±C₁P»Ps
 PIC₁C, P°PSPsPiP»P_μPSPs PeP»C-PSC-C₁PSPs.

P·P°PeC, P_μC₇C-P°P»C₇PSP° C₇P_μP·PēC₁C, P_μPSC, PSC-C₁C, C₇ PrPs PjP_μC₇PsPiP_μPSP_μPjC₁
 PjPsP₁P_μ PIPēPSPēPePSC₁C, Pē C₁ C₇P_μP·C₁P»C₇C, P°C, C-: P·PSPēP₁P_μPSPSC₁
 PiC₇PsPSPēPePSPsC₁C, C- P·PsPIPSC-CēPSC₇PsC— PjP_μPjP±C₇P°PSPē
 PiC₇P°PjPSP_μPiP°C, PēPIPSPēC... P±P°PeC, P_μC₇C-PN₂ (C₁ P·Pi₇™ C₁P·PeC₁ P·C-
 P·PSPēP₁P_μPSPSC₁Pj PiC₇PsPrC₁PeC₁PIP°PSPSC₁ PiPsC₇PēPSC-PI), P·PSPēP₁P_μPSPSC₁
 C₁PiPsC₇C-PrPSP_μPSPsC₁C, C- P· C₁C-P»C₇PsPiPēPjPē PBP, PiC-PrPIPēC%₀P_μPSPSC₁
 P_μPeC₁PiC₇P_μC₁C— PePsPjPiPsPSP_μPSC, C-PI P_μC,, P»C₇PeC₁PSPsPiPs PSP°C₁PsC₁P° C, P°
 PiC₇PsPrC₁PeC₁PIP°PSPSC₁ P±P_μC, P°-P»P°PeC, P°PjP°P·, C₁PeC- PjPsP₁C₁C, C₇
 PiC-PrC₇PsP»C-P·C₁PIP°C, Pē PeP°C₇P±P°PiP_μPSP_μPjPē.

PJ P,, PIC₇PsPiP_μPN₂C₁C₇PePsPjC₁ P₇PsC₇P·C- P±C₁P»Pē P·P°C₇P_μC”C₁C, C₇PsPiP°PSC-
 PIPēPiP°PrPePē C-PSC,, P_μPeC₁C-PN₂PSPēC... P·P°C...PIPsC₇C₇PIP°PSC₇,
 C₁PiC₇PēC₁PēPSP_μPSPēC... P±P°PeC, P_μC₇C-C₁PjPē, C₁C, C-PN₂PePēPjPē PrPs
 PeP°C₇P±P°PiP_μPSP_μPjC-PI.

P_μP_μC₇P_μC...C₇P_μC₁PSP° C₇P_μP·PēC₁C, P_μPSC, PSC-C₁C, C₇ PjC-P₁ PjP_μC₇PsPiP_μPSP_μPjPsPj
 C- P»C-PeP°C₇C₁C₇PePēPjPē P·P°C₁PsP±P°PjPē, C%₀Ps PSP°P»P_μP₁P°C, C₇ PrPs PeP»P°C₁C-PI
 C...C-PSPsP»PsPSC-PI, P°PjC-PSPsPiP»C-PePsP·PēPrC-PI, PjP°PeC₇PsP»C-PrC-PI C, P°
 C, P_μC, C₇P°C₁PēPeP»C-PSC-PI, P· C₁C₇P°C...C₁PIP°PSPSC₁Pj C₁C-P»C₇PsPiPēC...
 PjC-PeC₇PsPsC₇PiP°PSC-P·PjC-PI PIC-PrC₁C₁C, PSC₁. P₇PrPSP°Pe P±P°PeC, P_μC₇C-C—
 PjPsP₁C₁C, C₇ PiC₇PsC₁PIP»C₁C, Pē C₇P_μP·PēC₁C, P_μPSC, PSC-C₁C, C₇ PrPs P±C-P»C₇Cē
 PSC-P₁ PsPrPSPsPiPs PeP»P°C₁C₁ P°PSC, PēP±P°PeC, P_μC₇C-P°P»C₇PSPēC...
 PiC₇P_μPiP°C₇P°C, C-PI C₁ C₇P°P·C-, PePsP»Pē P·P°P»C₁C₁P_μPSPēPN₂ PrPs PrC-C—
 PjP_μC...P°PSC-P·Pj PIPeP»C₇C₁P°C” PSP_μPiC₇PsPSPēPePSC-C₁C, C₇ PjP_μPjP±C₇P°PSPē
 PeP»C-C, PēPS P°P±Ps PiC₇PēC₁C₁C, PSC-C₁C, C₇ P_μC,, P»C₇PeC₁PSPsPiPs (-PēC...)
 PSP°C₁PsC₁P° (-C-PI).

P”C₇P°PSPēC₁PSC- P·PSP°C₁P_μPSPSC₁ P₇P₁P₇, C%₀Ps P±C₁P»Pē PIPēP·PSP°C₁P_μPSC- C₁
 C...PsPrC- PeP»C-PSC-C₁PSPēC... PrPsC₁P»C-PrP₁P_μPSC₇ P,, PIC₇PsPiP_μPN₂C₁C₇PePsPj
 PePsPjC-C, P_μC, PsPj P· PIPēP·PSP°C₁P_μPSPSC₁ C₁C₁C, P»PēPIPsC₁C, C- PrPs
 PiC₇PsC, PēPjC-PeC₇PsP±PSPēC... PiC₇P_μPiP°C₇P°C, C-PI (EUCAST), PSP°PIP_μPrP_μPSC- P·P°
 PiPsC₁PēP»P°PSPSC₁Pj

https://www.ema.europa.eu/documents/other/minimum-inhibitory-concentration-mic-breakpoints_en.xlsx C, P° PIPeP°P·P°PSC- PSPēP₁C₁P_μ.

P₇P°P±P»PēC₁C₁ 1

P ₇ C-PeC ₇ PsPsC ₇ PiP°PSC-P·Pj	P ₇ C ₁ C, P»PēPIPēPN ₂ (S), (PjPi/P»)	P P _μ P·PēC ₁ C, P _μ PSC, PSPēPN ₂ (R), (PjPi/P»)
<i>Enterobacteriaceae</i>	≤ 2	> 8

<i>Pseudomonas</i>	≤ 2	> 8
<i>Acinetobacter</i>	≤ 2	> 8
<i>Streptococcus, PiCḤCžPiPë Ph, P', C, G</i>	≤ 2	> 2
<i>Streptococcus pneumoniae</i> ¹	≤ 2	> 2
P†PSCεC- CḤC, CḤPμPiC, PsPePsPePë	2	2
<i>Enterococcus</i>	БḤ“	БḤ“
<i>Staphylococcus</i> ²	PiCḤPëPjC-C, PeP° 3	PiCḤPëPjC-C, PeP° 3
<i>Haemophilus influenzae</i> ¹ C, P° PḥPsraxella catarrhalis	≤ 2	> 2
<i>Neisseria meningitidis</i> ^{2,4}	≤ 0,25	> 0,25
P“CḤP°PjPiPsP·PëC, PëPIPSC- P°PSP°PμCḤPsP±Pë	≤ 2	> 8
P“CḤP°PjPSPμPiP°C, PëPIPSC- P°PSP°PμCḤPsP±Pë	≤ 2	> 8
P“CḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ, PSPμ PiPsPIḅḤ™ CḤP·P°PSC- P· PIPëPrP°PjPë PjC-PeCḤPsPsCḤPiP°PSC-P·PjC-PI ⁵	≤ 2	> 8

¹P“CḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ PjPμCḤPsPiPμPSPμPjCž PrP»CḤ *Streptococcus pneumoniae* C, P° *Haemophilus influenzae* PiCḤPë PjPμPSC-PSPiC-C, C- CḤC, P°PSPsPIP»CḤC, CḤ 0,25/P» PjPi/P».

²PëC, P°PjPë PjC-PeCḤPsPsCḤPiP°PSC-P·PjC-PI P·C- P·PSP°C†PμPSPSCḤPjPë PḥP†PḤ, PIPëC%PëPjPë P·P° PiCḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ S/I, C” PrCrPḤPμ CḤC-PrPeC-CḤPSPëPjPë P°P±Ps PiCḤPs PSPëC... PSP° PrP°PSPëPḤ C†P°CḤ PSPμ PiPsPIC-PrPsPjP»CḤP»PsCḤCḤ. PhPSP°P»C-P·Pë C%PsPrPs C-PrPμPSC, PëC, C-PeP°C†C-C— C, P° PiCḤPsC, PëPjC-PeCḤPsP±PSPsC— C†CḤC, P»PëPIPsCḤC, C-PIC-PrPSPsCḤPSPs P±CḤPrCḤ-CḤPePsPiPs C, P°PePsPiPs C-P·PsP»CḤC, Cr PSPμPsP±C...C-PrPSPs PiPsPIC, PsCḤPëC, Pë, C-, CḤPeC%Ps CḤPμP·CḤP»CḤC, P°C, PiC-PrC, PIPμCḤPrPḤCḤC”C, CḤCḤCḤCḤ, C-P·PsP»CḤC, PSP°PiCḤP°PIP»CḤC”C, CḤCḤCḤCḤ PrPs CḤPμC, PμCḤPμPSCḤPSPsC— P»P°P±PsCḤP°C, PsCḤC-C—. P”Ps C, PsPiPs C†P°CḤCḤ, PiPsPePë C” PrP°PSC- PiCḤPs PeP»C-PSC-C†PSCḤ PIC-PrPiPsPIC-PrCḤ PrP»CḤ PIPμCḤPëC, C-PePsPIP°PSPëC... C-P·PsP»CḤC, C-PI P· PḥP†PḤ, PIPëC%PëPjPë P·P° PiPsC, PsC†PSC- PiCḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ CḤPμP·PëCḤC, PμPSC, PSPsCḤC, C-, C-P·PsP»CḤC, Pë PjP°CḤC, CḤ CḤPμC”CḤC, CḤCḤPIP°C, PëCḤCḤ CḤPe CḤC, C-PḤPeC-.

³PšCḤC, P»PëPIC-CḤC, CḤ CḤC, P°C, C-P»PsPePsPeC-PI PrPs PjPμCḤPsPiPμPSPμPjCḤ PiCḤPsPiPSPsP·CḤC”C, CḤCḤCḤCḤ, PIPëC...PsPrCḤC†Pë C-P· PrP°PSPëC... C†CḤC, P»PëPIPsCḤC, C- PrPs PjPμC, PëC†PëP»C-PSCḤ.

⁴P“CḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ PjPμCḤPsPiPμPSPμPjCḤ PrP»CḤ *Neisseria meningitidis* CḤC, PsCḤCḤCḤC, CḤCḤCḤCḤ C, C-P»CḤPePë PjPμPSC-PSPiC-C, CḤ.

⁵P“CḤP°PSPëC†PSC- P·PSP°C†PμPSPSCḤ, PSPμ PiPsPIḅḤ™ CḤP·P°PSC- P· PIPëPrP°PjPë PjC-PeCḤPsPsCḤPiP°PSC-P·PjC-PI, P±CḤP»Pë PIPëP·PSP°C†PμPSC- PI PsCḤPSPsPIPSPsPjCḤ PIPëC...PsPrCḤC†Pë P· PrP°PSPëC... PḥPḤ/PḥP” C- PSPμ P·P°P»PμPḤP°C, CḤ PIC-Pr CḤPsP·PiPsPrC-P»CḤ PḥP†PḤ PsPeCḤPμPjPëC... PIPëPrC-PI. P’PsPSPë PiCḤPëP·PSP°C†PμPSC- PrP»CḤ PIPëPePsCḤPëCḤC, P°PSPSCḤ PIC-PrPSPsCḤPSPs PIPëPrC-PI, PSPμ P·P°P·PSP°C†PμPSPëC... CḤ C, P°P±P»PëC†C- C, P° PIPëPSPsCḤPeP°C...PμCḤPsPiPμPrPμPSPSCḤ P°PSP°P»C-P·CḤ C%PsPrPs PIPëP·PSP°C†PμPSPSCḤ C†CḤC, P»PëPIPsCḤC, C- PSPμ CḤPμPePsPjPμPSPPrCḤC”C, CḤCḤCḤCḤ, PsCḤPeC-P»CḤPePë PIPëPr C” PiPsPiP°PSPsCḤ PjC-CḤPμPSPSCḤ PrP»CḤ PiCḤPsPiPμPrPμPSPSCḤ P»C-PeCḤPIP°PSPSCḤ P»C-PeP°CḤCḤCḤPePëPj P·P°CḤPsP±PsPj.

$P_{\mu}PsC\epsilon P\acute{e}C\grave{H}P_{\mu}PSC-C\acute{I}C,CH\ PSP^{\circ}P\pm C\acute{r}C,PsC-C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C,P_{\mu}PSC,PSPsC\acute{I}C,C-PjPsP\uparrow P_{\mu}$
 $P\cdot PjC-PSC\grave{H}PIP^{\circ}C,P\acute{e}C\acute{I}C\downarrow PiP_{\mu}PsPiC\grave{H}P^{\circ}C,C-C\ddagger PSPs\ C,P^{\circ}\ C\acute{r}\ C\ddagger P^{\circ}C\acute{I}C-PrP\gg C\downarrow PsPeC\grave{H}P_{\mu}PjP\acute{e}C...$
 $PIP\acute{e}PrC-PI,\ C,PsPjC\acute{r}\ P\pm P^{\circ}P\uparrow P^{\circ}PSPs\ C\acute{I}PiP\acute{e}C\grave{H}P^{\circ}C,P\acute{e}C\acute{I}C\downarrow PSP^{\circ}\ PjC-C\acute{I}C\ddagger P_{\mu}PIC\acute{r}$
 $C-PSC,,PsC\grave{H}PjP^{\circ}C\ddagger C-C\grave{H}\ C\acute{I}C,PsC\acute{I}PsPIPSPs\ C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C,P_{\mu}PSC,PSPsC\acute{I}C,C-$
 $PjC-PeC\grave{H}PsPsC\grave{H}PiP^{\circ}PSC-P\cdot PjC-PI,\ PsC\acute{I}PsP\pm P\gg P\acute{e}PIPs\ PiC\grave{H}P\acute{e}\ P\gg C-PeC\acute{r}PIP^{\circ}PSPSC-$
 $C,C\downarrow P\uparrow PeP\acute{e}C... C-PSC,,P_{\mu}PeC\ddagger C-PN_{\circ}. PJ\ C\grave{H}P^{\circ}P\cdot C- PSP_{\mu}PsP\pm C...C-PrPSPsC\acute{I}C,C-, PePsP\gg P\acute{e}$
 $C\grave{H}C-PIP_{\mu}PSC\grave{H}\ PiPsC\epsilon P\acute{e}C\grave{H}P_{\mu}PSPsC\acute{I}C,C- C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C,P_{\mu}PSC,PSPsC\acute{I}C,C-$
 $PjC-PeC\grave{H}PsPsC\grave{H}PiP^{\circ}PSC-P\cdot PjC-PI\ PSP^{\circ}\ PjC-C\acute{I}C\ddagger P_{\mu}PIPsPjC\acute{r}\ C\grave{H}C-PIPSC- C''\ C,P^{\circ}PeP\acute{e}Pj,\ C\%_{\circ}Ps$
 $PePsC\grave{H}P\acute{e}C\acute{I}C,CH\ PIC-Pr\ P\cdot P^{\circ}C\acute{I}C,PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\downarrow P\gg C-PeP^{\circ}C\grave{H}C\acute{I}CH\ PePsPiPs$
 $P\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r},\ PiC\grave{H}P\acute{e}PSP^{\circ}PN_{\circ}PjPSC- PIC-PrPSPsC\acute{I}PSPs\ PrP_{\mu}C\downarrow PeP\acute{e}C... PIP\acute{e}PrC-PI$
 $C-PSC,,P_{\mu}PeC\ddagger C-PN_{\circ}, PIP\acute{e}PeP\gg P\acute{e}PeP^{\circ}C''\ C\acute{I}C\acute{r}PjPSC-PIP\acute{e},\ C\acute{I}P\gg C-Pr\ P\cdot PIP_{\mu}C\grave{H}PSC\acute{r}C,P\acute{e}C\acute{I}C\downarrow$
 $P\cdot P^{\circ}\ PePsPSC\acute{I}C\acute{r}P\gg CH\ C,P^{\circ}C\ddagger C-C''C\grave{H}\ PrPs\ P_{\mu}PeC\acute{I}PiP_{\mu}C\grave{H}C,P^{\circ}.$

$P\acute{K}P\acute{e}P\uparrow C\ddagger P_{\mu}\ P\cdot P^{\circ}P\cdot PSP^{\circ}C\ddagger P^{\circ}C\grave{H}C,CH\ C\acute{I}C\downarrow PiP^{\circ}C,PsPiP_{\mu}PSPSC- PjC-PeC\grave{H}PsPsC\grave{H}PiP^{\circ}PSC-P\cdot PjP\acute{e}$
 $P\cdot PsPiP\gg C\downarrow PrC\acute{r}\ PSP^{\circ}\ PeP\gg C-PSC-C\ddagger PSP\acute{e}PN_{\circ}\ PrPsC\acute{I}PIC-Pr\ C- C,P_{\mu}C\grave{H}P^{\circ}PiP_{\mu}PIC,P\acute{e}C\ddagger PSC-$
 $PiC\grave{H}PsC,PsPePsP\gg P\acute{e}\ P\gg C-PeC\acute{r}PIP^{\circ}PSPSC\downarrow P\cdot P^{\circ}C...PIPsC\grave{H}C\grave{H}PIP^{\circ}PSC\grave{H}.$

$P-P^{\circ}P\cdot PIP\acute{e}C\ddagger P^{\circ}PN_{\circ}\ C\ddagger C\acute{r}C,P\gg P\acute{e}PIC- PIP\acute{e}PrP\acute{e}$

$P''C\grave{H}P^{\circ}PjPiPsP\cdot P\acute{e}C,P\acute{e}PIPSC- P^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Enterococcus faecalis^6; Staphylococcus aureus$
 $(PjP_{\mu}C,P\acute{e}C\ddagger P\acute{e}P\gg C-PSC\ddagger C\acute{r}C,P\gg P\acute{e}PIP\acute{e}PN_{\circ})^7; Staphylococcus species$
 $(PjP_{\mu}C,P\acute{e}C\ddagger P\acute{e}P\gg C-PSC\ddagger C\acute{r}C,P\gg P\acute{e}PIP\acute{e}PN_{\circ}),\ C\acute{r}\ C,PsPjC\acute{r}\ C\ddagger P\acute{e}C\acute{I}P\gg C- Staphylococcus epidermidis,$
 $Streptococcus agalactiae (PiC\grave{H}C\acute{r}PiP^{\circ}\ P'); PiC\grave{H}C\acute{r}PiP^{\circ}\ Streptococcus milleri (S. anginosus, S.$
 $constellatus\ C,P^{\circ}\ B\ B\ B\ B\ B\ B\ B\ S. intermedius), Streptococcus pneumoniae, Streptococcus$
 $pyogenes (PiC\grave{H}C\acute{r}PiP^{\circ}\ Ph).$

$P''C\grave{H}P^{\circ}PjPSP_{\mu}PiP^{\circ}C,P\acute{e}PIPSC- P^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Citrobacter freundii, Citrobacter koseri, Enterobacter$
 $aerogenes, Enterobacter cloacae, Escherichia coli, Haemophilus influenzae, Klebsiella oxytoca,$
 $Klebsiella pneumoniae, Morganella morganii, Neisseria meningitides, Proteus mirabilis, Proteus$
 $vulgaris, Serratia marcescens.$

$P''C\grave{H}P^{\circ}PjPiPsP\cdot P\acute{e}C,P\acute{e}PIPSC- P^{\circ}PSP^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Clostridium perfringens, Peptoniphilus$
 $asaccharolyticus, Peptostreptococcus species (C\acute{r}\ C,PsPjC\acute{r}\ C\ddagger P\acute{e}C\acute{I}P\gg C- P. micros, P. anaerobius, P.$
 $magnus).$

$P''C\grave{H}P^{\circ}PjPSP_{\mu}PiP^{\circ}C,P\acute{e}PIPSC- P^{\circ}PSP^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Bacteroides caccae; PiC\grave{H}C\acute{r}PiP^{\circ}\ Bacteroides$
 $fragilis, Prevotella bivia, Prevotella disiens.$

$P'P\acute{e}PrP\acute{e}, PrP\gg C\downarrow C\downarrow PeP\acute{e}C... PSP^{\circ}P\pm C\acute{r}C,P^{\circ}\ C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C,P_{\mu}PSC,PSC-C\acute{I}C,CH\ PjPsP\uparrow P_{\mu}$
 $P\pm C\acute{r}C,P\acute{e}\ PiC\grave{H}PsP\pm P\gg P_{\mu}PjPsC\grave{H}$

$P''C\grave{H}P^{\circ}PjPiPsP\cdot P\acute{e}C,P\acute{e}PIPSC- P^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Enterococcus faecium^{6,8}.$

$P''C\grave{H}P^{\circ}PjPSP_{\mu}PiP^{\circ}C,P\acute{e}PIPSC- P^{\circ}P_{\mu}C\grave{H}PsP\pm P\acute{e}: Acinetobacter species, Burkholderia cepacia,$
 $Pseudomonas aeruginosa.$

$P-P^{\circ}\ C\acute{I}PIPsC''C\grave{H}\ PiC\grave{H}P\acute{e}C\grave{H}PsPrPsC\grave{H}\ C\grave{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C,P_{\mu}PSC,PSC-$
 $PjC-PeC\grave{H}PsPsC\grave{H}PiP^{\circ}PSC-P\cdot PjP\acute{e}$

P°C₇P°PjPSPμPiP°C, PēPIPSC- P°PμC₇PsP±Pē: *Stenotrophomonas maltophilia*, PIPēPrPē *Legionella*

P†PSC€C- PjC-PeC₇PsPsC₇PiP°PSC-P·PjPē: *Chlamydophila pneumoniae*, *Chlamydophila psittaci*, *Coxiella burnetii*, *Mycoplasma pneumoniae*.

⁶P°PēPrPē, C₇PeC- PIPēC₇PIPēP»Pē PiC₇PēC₇PsPrPSCr PiC₇PsPjC-P¶PSCr C†C₇C, P»PēPIC-C₇C, C₇H.

⁷PjC₇C- PjPμC, PēC†PēP»C-PSC₇PμP·PēC₇C, PμPSC, PSC- C₇C, P°C, C-P»PsPePsPePē C° C₇PμP·PēC₇C, PμPSC, PSPēPjPē PrPs PjPμC₇PsPiPμPSPμPjC₇.

⁸PμPsPeP°P·PSPēPe C₇PμP·PēC₇C, PμPSC, PSPsC₇C, C- > 50 % PI PsPrPSC-PNē P°P±Ps PeC-P»C₇PePsC... PeC₇P°C—PSP°C... P, P₇.

PαP°C₇PjP°PePsPeC-PSPμC, PēPeP°.

PJB P·PrPsC₇PsPIPēC...B PrPsP±C₇PsPIPpsP»C₇C†C-PIB C₇PμC₇PμPrPSC-PNēB PiPμC₇C-PsPrB PSP°PiC-PIPIPēPiPμPrPμPSPSC₇B P·B PiP»P°P·PjPēB PeC₇PsPIC-C₇C, P°PSPsPIPēC, C₇H PiC₇PēP±P»PēP·PSPs 1 PiPsPrPēPSCr; C₇PμC₇PμPrPSC-PNē PsP±B₇™ C°Pj C₇PsP·PiPsPrC-P»C₇C, P°PSPsPIPēC, C₇H PiC₇PēP±P»PēP·PSPs 0,25 P»/PePi (11-27 P»); C₇PμC₇PμPrPSC-PNē PeP»C-C₇PμPSC₇C₇C, P°PSPsPIPēC, C₇H 287 PjP»/C...PI PiC₇Pē P·P°C₇C, PsC₇C₇PIP°PSPSC- PiC₇PμPiP°C₇P°C, C₇C₇ PrPsP·C- 250 PjPi P·C- P·PSPēP¶PμPSPSC₇Pj PeP»C-C₇PμPSC₇C₇C PrPs 205 PjP»/C...PI PiC₇Pē P·P°C₇C, PsC₇C₇PIP°PSPSC- PiC₇PμPiP°C₇P°C, C₇C₇ PrPsP·C- 2 Pi. PμC₇Pē P·P°C₇C, PsC₇C₇PIP°PSPSC- PiC₇PμPiP°C₇P°C, C₇C₇ PrPsP·P°C... 500, 1000 C- 2000 PjPi C₇ PIPēPiP»C₇PrC- C-PSC, C₇P·C-C— PiC₇PsC, C₇PiPsPj 30 C...PIPēP»PēPS C₇PμC₇PμPrPSC- P·PSP°C†PμPSPSC₇ C_{max} PIC-PrPiPsPIC-PrPSPs C₇C, P°PSPsPIP»C₇C, C₇H PiC₇PēP±P»PēP·PSPs 23, 49 C- 115 PjPePi/PjP»; PIC-PrPiPsPIC-PrPSC- P·PSP°C†PμPSPSC₇ AUC C₇C, P°PSPsPIP»C₇C, C₇H 39,3, 62,3 C- 153 PjPePi×PiPsPr/PjP». PμC-C₇P»C₇ PiC₇PsPIPμPrPμPSPSC₇ C-PSC, C₇P·C-C— PiC₇PsC, C₇PiPsPj 5 C...PIPēP»PēPS P·PSP°C†PμPSPSC₇ C_{max} C₇C, P°PSPsPIP»C₇C, C₇H 52 C- 112 PjPePi/PjP» PiC₇Pē PIPiPμPrPμPSPSC- PiC₇PμPiP°C₇P°C, C₇C₇ PrPsP·P°C... 500 C- 1000 PjPi PIC-PrPiPsPIC-PrPSPs. PμC₇Pē PIPiPμPrPμPSPSC- PeC-P»C₇PePsC... PrPsP· PiC₇PμPiP°C₇P°C, C₇C₇ PePsP¶PSC- 8 PiPsPrPēPS PiP°C†C-C°PSC, P°Pj P·PSPsC₇PjP°P»C₇PePsC₇C, C₇PSPeC†C-C°C₇ PSPēC₇PsPe PSP°PePsPiPēC†PμPSPSC₇ PjPμC₇PsPiPμPSPμPjC₇ PSPμ C₇PiPsC₇C, PμC₇C-PiP°C°C, C₇H C₇C₇.

P, PrP°PSC-, C%oPs PiC₇Pē PIPiPμPrPμPSPSC- PjPμC₇PsPiPμPSPμPjC₇ C₇C₇ PrPsP·C- 1000 PjPi PePsP¶PSC- 8 PiPsPrPēPS PiP°C†C-C°PSC, P°Pj PiC-C₇P»C₇ PiC₇PsPIPμPrPμPSPSC₇ C...C-C₇C₇PiC-C†PSPsC— PsPiPμC₇P°C†C-C— P·PiC₇PēPiPsPrC₇ C-PSC, C₇P°P±PrPsPjC-PSP°P»C₇PePsC... C-PSC, PμPeC†C-PNē P±C₇P»Pē PIPēC₇PIP»PμPSC- P·PSP°C†PμPSPSC₇ PiPsPeP°P·PSPēPeC-PI C_{max} C- PiPμC₇C-PsPrC₇ PSP°PiC-PIPIPēPiPμPrPμPSPSC₇ C₇PeC- PIC-PrPiPsPIC-PrP°C₇C, C₇H PiPsPeP°P·PSPēPeP°Pj P·PrPsC₇PsPIPēC... P»C₇PrPμPNē, P°P»Pμ P±C-P»C₇PePēPNē PsP±'C°Pj C₇PsP·PiPsPrC-P»C₇C (27 P»).

P PsP·PiPsPrC-P». P₇PμC₇PμPrPSC°B P·PSP°C†PμPSPSC₇ P·PiB₇™ C₇PrP°PSPSC₇ PjPμC₇PsPiPμPSPμPjC₇ P·P±C-P»PeP°PjPē PiP»P°P·PjPē PeC₇PsPIC- C₇C, P°PSPsPIPēC, C₇H PiC₇PēP±P»PēP·PSPs 2 % C- PSPμ P·P°P»PμP¶PēC, C₇H PIC-Pr PePsPSC†PμPSC, C₇P°C†C-C— PiC₇PμPiP°C₇P°C, C₇C₇ C€PIPēPrPePsPiPs PIPiPμPrPμPSPSC₇ PiC₇PμPiP°C₇P°C, C₇C₇ (5 C...PIPēP»PēPS P°P±Ps PjPμPSC€Pμ) B B C, P°C₇PjP°PePsPeC-PSPμC, PēPeP°B B C°B B P±C-PμPeC₇PiPsPSPμPSC†C-P°P»C₇PePsC₇C, B B P°P»PμB B C†PμB B C°B B P·PSP°C†PSPsB PjPμPSC€PμB PIPēC₇P°P¶PμPSPēPj PiC-C₇P»C₇ 30-C...PIPēP»PēPSPSPsC— C-PSC, C₇P·C-C—.

P_HPμC,P°P±PsP»C-P·Pj. P_HPμC₇PsPiPμPSPμPj PjPμC,P°P±PsP»C-P·CrC”C,C_HCf’CЦ
CЄP»CЦC...PsPj PiC-PrC₇PsP»C-P·Cr P±PμC,P°-P»P°PeC,P°PjPSPsPiPs PeC-P»CHC†CЦ,
CrC,PIPsC₇C_HC_HC±Pë PjC-PeC₇PsP±C-PsP»PsPiC-C‡PSPs PSPμP°PeC,PëPIPSPëPNë
PjPμC,P°P±PsP»C-C., P’ CrPjPsPIP°C... *in vitro* PjPμC₇PsPiPμPSPμPj PrPμPjPsPSCf’C,C₇CrC”
P·PSPëP¶PμPSCr CÍPïC₇PëPNëPSCЦC,P»PëPIC-Cf’C,C_H PrPs PiC-PrC₇PsP»C-P·Cr PïC-Pr
PrC-C”C_H PrPμPiC-PrC₇PsPiPμPiC,PëPrP°P·Pë-P† (P”P“Pμ-P†) P»C_HPrPëPSPë
PiPsC₇C-PIPSCЦPSPs P· C-PjC-PiPμPSPμPjPsPj, C- PiPsC,C₇PμP±Pë PI PsPrPSPsC±P°CÍPSPsPjCr
P·P°Cf’C,PsCf’CrPIP°PSPSC- C-PSPiC-P±C-C,PsC₇P° P”P“Pμ-P† PSPμPjP°C”.

[illegible]
$$\text{P}_{11}\text{P}_{10}\text{C}\equiv\text{C}-\text{PSPePsPIP}^{\circ}\text{PSPuPrPsC}\dot{\text{C}}\text{C},\text{P}^{\circ}\text{C},\text{PSC}-\text{C}\dot{\text{C}}\text{C},\text{CH}.$$
$$\text{P}^{\circ}\text{PsCl}^{\circ}\text{P}^{\circ}\gg\text{C}-\text{PrP}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{P}^{\circ}\text{SCL}^{\circ}\text{P}^{\circ}\cdot\text{Cr}^{\circ}\text{C}\ddagger\text{P}^{\circ}\text{Cl}^{\circ}\text{C},\text{CH}\text{P}^{\circ}\text{P}^{\circ}\text{C}\ddagger\text{C}-\text{C}^{\circ}\text{PSC},\text{C}-\text{PI}\text{P}^{\circ}\cdot\text{P}^{\circ}\text{P}^{\circ}\gg\text{PePsPiPsP}^{\circ}\gg\text{CHbPSP}\ddot{\text{P}}\text{Pj}$$

C†PëCĤPsP·PsPj PīPμC†C-PSPePë PīPsPeP°P·C†C” PIC-PrC†C†C,PSC-C†C,CH PIPiP»PëPIC†
P·P°C...PIPsCĤCĤPIP°PSPSCĬ PīPμC†C-PSPePë PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeC†
PjPμCĤPsPīPμPSPμPjC† PīC-C†P»CĬ P·P°C†C,PsC†C†PIP°PSPSCĬ PīPsPIC,PsCĤPSPëC... PrPsP·
PīCĤPμPīP°CĤP°C,C†.

P”PsCĤPsC†P»C- PīP°C†C-C”PSC,Pë

P”PsC†P»C-PrP¶PμPSPSCĬ C,,P°CĤPjP°PePsPeC-PSPμC,PëPePë, PīCĤPsPIPμPrPμPSC- P·
C†C†P°C†C,CĤ PīP°C†C-C”PSC,C-PI, PSPμ PIPëCĬPIPëP»Pë P·PSP°C†PSPëC...
C,,P°CĤPjP°PePsPeC-PSPμC,PëC†PSPëC... PIC-PrPjC-PSPSPsC†C,PμPNë PīPsCĤC-PIPSCĬPSPs
P·C- P·PrPsCĤPsPIPëPjPë PsC†PsP±P°PjPë P· P°PSP°P»PsPiC-C†PSPsCĤ C,,C†PSPeC†C-C”CĤ
PSPëCĤPsPe. PμPsPīC†P»CĬC†C-PNëPSP° PjPsPrPμP»CH, CĤPsP·CĤPsP±P»PμPSP° PSP°
PsC†PSPsPIC- PrP°PSPëC... 79 PīP°C†C-C”PSC,C-PI P·
C-PSC,CĤP°P°P±PrPsPjC-PSP°P»CHbPSPsCĤ C-PSC,,PμPeC†C-C”CĤ P°P±Ps
PīPSPμPIPjPsPSC-C”CĤ, PīPsPeP°P·P°P»P° P·P°P»PμP¶PSC-C†C,CH PsC†PSPsPIPSPsPiPs
PsP±bĤ™C”PjC† PIC-Pr PjP°C†Pë C,C-P»P°, PeP»C-CĤPμPSC†C† PeCĤPμP°C,PëPSC-PSC† C-
PIC-PeC†.

P”C-C,Pë

P”PsC†P»C-PrP¶PμPSPSCĬ C,,P°CĤPjP°PePsPeC-PSPμC,PëPePë C† PSPμPjPsPIP»CĬC, C-
PrC-C,PμPNë P· C-PSC,,PμPeC†C-C”CĤ PīCĤPë P·P°C†C,PsC†C†PIP°PSPSC- PīCĤPμPīP°CĤP°C,C†
C† PrPsP·P°C... 10, 20 C- 40 PjPi/PePi PīCĤPsPrPμPjPsPSC†C,CĤC†PIP°P»Pë P·PSP°C†PμPSPSCĬ
Cmax, C%Ps PSP°P±P»PëP¶P°CĤC,CHC†CĬ PrPs P·PSP°C†PμPSCĤ, PIPëCĬPIP»PμPSPëC... C†
PrPsCĤPsC†P»PëC... PīC-C†P»CĬ P·P°C†C,PsC†C†PIP°PSPSCĬ PīCĤPμPīP°CĤP°C,C† C†
PrPsP·P°C... 500, 1000 C- 2000 PjPi PIC-PrPīPsPIC-PrPSPs. Pj C...PsPrC- PīCĤPsPIPμPrPμPSPSCĬ
PīPsCĤC-PIPSCĬPSPSCĬ P±C†P»Pë PIPëCĬPIP»PμPSC- C,,P°CĤPjP°PePsPeC-PSPμC,PëC†PSC-
C...P°CĤP°PeC,PμCĤPëC†C,PëPePë PjC-P¶ PrPsP·P°PjPë PīCĤPμPīP°CĤP°C,C† C-
PīPμCĤC-PsPrP°PjPë PSP°PīC-PIPIPëPIPμPrPμPSPSCĬ, PīPsPrC-P±PSC- PrPs C,P°PePëC...,
C%Ps C†PīPsC†C,PμCĤC-PiP°P»PëC†CĬ C† PrPsCĤPsC†P»PëC..., C† PIC†C-C..., PeCĤC-Pj
PSP°PNëPjPsP»PsPrC€PëC... PīP°C†C-C”PSC,C-PI (< 6 PjC-C†CĬC†C-PI t1/2 1,6 PīPsPrPëPSPë).
PŸPμCĤPμPrPSC- P·PSP°C†PμPSPSCĬ PeP»C-CĤPμPSC†C† PjPμCĤPsPīPμPSPμPjC†
C†C,P°PSPsPIPëP»Pë

5,8 PjP»/C...PI/PePi (6-12 CĤPsPeC-PI), 6,2 PjP»/C...PI/PePi (2-5 CĤPsPeC-PI), 5,3 PjP»/C...PI/PePi
(6-23 PjC-C†CĬC†C-) C- 4,3 PjP»/C...PI/PePi

(2-5 PjC-C†CĬC†C-PI). PμCĤPëP±P»PëP·PSPs 60 % PrPsP·Pë PIPëPIPsPrPëC,CHC†CĬ P·
C†PμC†PμCĤ PīCĤPsC,CĬPiPsPj 12 PīPsPrPëPS C† PIPëPiP»CĬPrC- PjPμCĤPsPīPμPSPμPjC† C,P°
C%Pμ 12 % bĤ” C† PIPëPiP»CĬPrC- PjPμC,P°P±PsP»C-C,C†. PμPsPSC†PμPSC,CĤP°C†C-C—
PjPμCĤPsPīPμPSPμPjC† C† C†PīPëPSPSPsPjPsP·PePsPIC-PNë CĤC-PrPëPSC- C† PrC-C,PμPNë P·
PjPμPSC-PSPiC-C,PsPj C†C,P°PSPsPIP»CĬC,CH PīCĤPëP±P»PëP·PSPs 20 % PIC-Pr
PsPrPSPsC†P°C†PSPs PIPëCĬPIP»PμPSPëC... CĤC-PIPSC-PI PīCĤPμPīP°CĤP°C,C† C†
PīP»P°P·PjC- PeCĤPsPIC-, C...PsC†P° PjP°C” PjC-C†C†Pμ P·PSP°C†PSP°
PjC-P¶C-PSPPrPëPIC-PrC†P°P»CHbPSP° PIP°CĤC-P°P±PμP»CHbPSC-C†C,CH
PīPsPeP°P·PSPëPeC-PI.

PμP°CĤPjP°PePsPeC-PSPμC,PëPeP° PjPμCĤPsPīPμPSPμPjC† C†
PSPsPIPSP°CĤPsPrP¶PμPSPëC..., CĬPePëPj P·P°C†C,PsC†PsPIC†PIP°P»Pë
P°PSC,PëP±P°PeC,PμCĤC-P°P»CHbPSPμ P»C-PeC†PIP°PSPSCĬ,
PīCĤPsPrPμPjPsPSC†C,CĤC†PIP°P»P° PIPëC%PëPNë PeP»C-CĤPμPSC† C†
PSPsPIPSP°CĤPsPrP¶PμPSPëC... P· P±C-P»CHbC€PëPj C...CĤPsPSPsP»PsPiC-C†PSPëPj P°P±Ps

PiPμCΓC,P°C†C-PMSPSPëPj PIC-PePsPj C-P· P·P°PiP°P»CHPSPSPëPj CΓPμCΓPμPrPSC-Pj
 PīPμCΓC-PsPrPsPj PSP°PīC-PIPIPëPIPμPrPμPSPSCΠ 2,9 PiPsPrPëPSPë.
 PμPsPrPμP»CΓPIP°PSPSCΠ PīCΓPsC†PμCΓC† P·P° PμPsPSC,Pμ PμP°CΓP»Ps P·
 C†CΓP°C...C†PIP°PSPSCΠPj PīPsPīC†P»CΠC†C-PMSPSPSC— PμPμ-PjPsPrPμP»C- PīPsPeP°P·P°P»Ps,
 C%Ps PīCΓPë CΓPμP¶PëPjC- PrPsP·C†PIP°PSPSCΠ 20 PjPi/PePi PePsP¶PSC- 8 PiPsPrPëPS
 P±C†P»Ps PrPsCΓCΠPiPSC†C,Ps T>MIC 60 % PīPs PIC-PrPSPSCëPμPSPSCΓ PrPs P. aeruginosa C†
 95 % PSPsPIPsPSP°CΓPsPrP¶PμPSPëC..., CΠPeC- PSP°CΓPsPrPëP»PëCΓCΠ
 PīPμCΓPμPrC†P°CΓPSPs, C- C† 91 % PrPsPSPSCëPμPSPëC... PSPsPIPsPSP°CΓPsPrP¶PμPSPëC....
PμP°C†C-C"PSC,Pë P»C-C,PSCHPsPiPs PIC-PeC†. P"°PSC- C,,P°CΓPjP°PePsPeC-PSPμC,PëPePë
 C† P·PrPsCΓPsPIPëC... PrPsP±CΓPsPIPsP»CHC†C-PI P»C-C,PSCHPsPiPs PIC-PeC†

B (65-80 CΓPsPeC-PI) CΓPIC-PrC†P°C,CH PīCΓPs P·PSPëP¶PμPSPSCΠ PeP»C-CΓPμPSCΓC†
 PīP»P°P·PjPë PeCΓPsPIC-, C%Ps PePsCΓPμP»CΓC" P·C- P·PSPëP¶PμPSPSCΠPj
 PeP»C-CΓPμPSCΓC† PeCΓPμP°C,PëPSC-PSC†, PīPsPīCΠP·P°PSPëPj P· PIC-PePsPj, P° C,P°PePsP¶
 PīCΓPs PSPμP·PSP°C†PSPμ P·PSPëP¶PμPSPSCΠ PSPμPSPëCΓPePsPIPsPiPs PeP»C-CΓPμPSCΓC†.
 PμPsCΓPμPeC†C-CΠ PrPsP·Pë PīCΓPμPīP°CΓP°C,C† PSPμ PīPsC,CΓC-P±PSP°
 PīP°C†C-C"PSC,P°Pj P»C-C,PSCHPsPiPs PIC-PeC†, P·P° PIPëPSCΠC,PePsPj PIPëPīP°PrPeC-PI
 PīPsPjC-CΓPSPsPiPs C- C,CΠP¶PePsPiPs PīPsCΓC†CëPμPSPSCΠ C,,C†PSPeC†C-C— PSPëCΓPsPe.

PμP»C-PSC-C†PSC- C...P°CΓP°PeC,PμCΓPëCΓC,PëPePë.

PμPsPeP°P·P°PSPSCΠ.

PμPsPeP°P·P°PSPëPM SPPrP»CΠ P»C-PeC†PIP°PSPSCΠ C,P°PePëC... C-PSC,,PμPeC†C-PM C†
 PrPsCΓPsCΓP»PëC... C- PrC-C,PμPM PIC-PePsPj PIC-Pr 3 PjC-CΓCΠC†C-PI:

БҒ“ PīPSPμPIPjPsPSC-C—, C† C,PsPjC† C†PëCΓP»C- PSPμPiPsCΓPīC-C,P°P»CHPSPSC— C,P°
 PīPsCΓPīC-C,P°P»CHPSPSC— PīPSPμPIPjPsPSC-C—;

БҒ“ P±CΓPsPSC...PsP»PμPiPμPSPμPIPëC... C-PSC,,PμPeC†C-PM PīCΓPë
 PjC†PePsPIC-CΓC†PëPrPsP·C-;

БҒ“ C†CΓPeP»P°PrPSPμPSPëC... C-PSC,,PμPeC†C-PM CΓPμC†PsPIPëPIC-PrPSPëC...
 CëP»CΠC...C-PI;

БҒ“ C†CΓPeP»P°PrPSPμPSPëC... C-PSC,CΓP°P°P±PrPsPjC-PSP°P»CHPSPëC...
 C-PSC,,PμPeC†C-PM;

БҒ“ C-PSC,,PμPeC†C-PM PīC-Pr C†P°C† PīPsP»PsPiC-PI C- PīC-CΓP»CΠPīPsP»PsPiPsPIPëC...
 C-PSC,,PμPeC†C-PM;

БҒ“ C†CΓPeP»P°PrPSPμPSPëC... C-PSC,,PμPeC†C-PM CëPeC-CΓPë C- PjБҒ™ CΠPePëC...
 C,PeP°PSPëPS;

БҒ“ PīPsCΓC,CΓPsPiPs P±P°PeC,PμCΓC-P°P»CHPSPsPiPs PjPμPSC-PSPiC-C,C†.

PμPsP¶PSP° P·P°CΓC,PsCΓPsPIC†PIP°C,Pë PrP»CΠ P»C-PeC†PIP°PSPSCΠ PīP°C†C-C"PSC,C-PI P·
 PSPμPM C,CΓPsPīPμPSC-C"CH C- PīCΓPsPīP°CΓPSPëC†PμCH PīCΓPë PīC-PrPsP·CΓC- PSP°
 P±P°PeC,PμCΓC-P°P»CHPSC† C-PSC,,PμPeC†C-CH.

P>C-PeC†PIP°PSPSCΠ PīP°C†C-C"PSC,C-PI P· P±P°PeC,PμCΓC-C"PjC-C"CH, CΠPeP°

РiРsРIвґ™ CIIП·Р°РSP° Р°Р±Рs РjРsР¶Рµ Р±CрC,Рө РiРsРIвґ™ CIIП·Р°РSP° Р· Р±CрPrCH-
CIIРeРsCH Р· Р·Р°Р·РSP°C±РµРSPёC... РIРёC%Рµ C-РSC„РµРeC†C-Р№.

РŸР»C-Рr РIсґР°C...РsРIсґРIP°C,Рө РsC„C-C†C-Р№РSC- CґРµРeРsРjРµРSPPrР°C†C-C—
C%РsРrРs РIс-РrРiРsРIс-РrРSPsРiРs Р·Р°CґC,РsCґCрРIP°РSPSCII
Р°РSC,РөР±Р°РeC,РµCґC-Р°Р»CHРSPёC... РiсґРµРiР°CґР°C, C-РI.

РµCґРsC,РөРiРsРeР°Р·Р°РSPSCII.

РµC-РrРIРёC%РµРSP° C±CрC,Р»РөРIс-сґC,CH РrРs РrC-сґC±РsC— CґРµC±РsРIРёРSPё
C,Р°/Р°Р±Рs РrРs Р±CрPrCH-CIIРeРsC— Р· РrРsРiРsРjC-Р¶РSPёC... CґРµC±РsРIРёРS
РiсґРµРiР°CґР°C,сґ.

РµC-РrРIРёC%РµРSP° C±CрC,Р»РөРIс-сґC,CH РrРs Р±CрPrCH-CIIРeРsРiРs C-РSCёРsРiРs
Р°РSC,РөР±Р°РeC,РµCґC-Р°Р»CHРSPsРiРs Р·Р°CґРsР±Cр РiсґCрРiРё
РeР°CґР±Р°РiРµРSPµРjC-РI.

РŸCIIР¶РeР° Рiс-РrРIРёC%РµРSP° C±CрC,Р»РөРIс-сґC,CH (РSP°РiсґРөРeР»Р°Рr,
Р°РSP°C„C-Р»Р°РeC,РөC±РSC- CґРµРµР°C†C-C—, C,CIIР¶РeC- CґРµРµР°C†C-C— Р· Р±РsРeCр
CёРeC-CґРө) РrРs Р±CрPrCH-CIIРeРsРiРs C-РSCёРsРiРs C,РөРiсґ Р±РµC,Р°-
Р»Р°РeC,Р°РjРSPsРiРs Р°РSC,РөР±Р°РeC,РµCґC-Р°Р»CHРSPsРiРs Р·Р°CґРsР±Cр
(РSP°РiсґРөРeР»Р°Рr, РiРµРSC-C†РөР»C-РSC-РI Р°Р±Рs C†РµC„Р°Р»РsCґРiРsCґРөРSC-РI).

Р°Р·Р°C”РjРsРrC-CII Р· C-РSCёРөРjРө Р»C-РeР°CґCґCHРeРөРjРө Р·Р°CґРsР±Р°РjРө C,Р° C-РSCёC- РIРөРrРө РIР·Р°C”РjРsРrC-Р№.

Р”РsCґР»C-РrР¶РµРSPSCII C%РsРrРs РIР·Р°C”РjРsРrC-C— РiсґРµРiР°CґР°C,сґ Р·
C-РSCёРөРjРө Р»C-РeР°CґCґCHРeРөРjРө Р·Р°CґРsР±Р°РjРө, РeCґC-Рj
РiсґРsР±РµРSPµC†РөРrсґ, РSPµ РiсґРsРiРsРrРөР»Рө.

РµCґРsР±РµРSPµC†РөРr РeРsРSPeCрCґCрC” Р· РjРµCґРsРiРµРSPµРjРsРj C%РsРrРs
Р°РeC,РөРIРSPsРiРs РeР°РSP°Р»CHC†РµРIРsРiРs РIРөРIРµРrРµРSPSCII C-, C,Р°РeРөРj
C±РөРSPsРj, РiсґРөРiРSC-C±CрC” РSPёCґРeРsРIсґ сґРµCґРµCґC†C-сґ РjРµCґРsРiРµРSPµРjсґ,
C%Рs РiсґРөР·РIРsРrРөC,CH РrРs Р·Р±C-Р»CHCёРµРSPSCII РiРµCґC-РsРrсґ
РSP°Рiс-РIРIРөРIРµРrРµРSPSCII C,Р° Рiс-РrРIРёC%РµРSPSCII РeРsРSC†РµРSC,CґР°C†C-C—
РjРµCґРsРiРµРSPµРjсґ сґ РiР»Р°Р·C- РeCґРsРIс-. РŸР»C-Рr РiсґРsCIIРIР»CIIс,Рө
РsР±РµCґРµР¶РSC-сґC,CH сґ CґР°Р·C- РsРrРSPsC±Р°CґРSPsРiРs Р·Р°CґC,РsCґCрРIP°РSPSCII
РiсґРsР±РµРSPµC†РөРrсґ Р· РjРµCґРsРiРµРSPµРjРsРj.

РµРsC,РµРSC†C-Р№РSPёР№ РIРiР»РөРi РjРµCґРsРiРµРSPµРjсґ РSP° Р·РIвґ™ CIIП·сґРIP°РSPSCII
Р· Р±C-Р»РeР°РjРө C-РSCёРёC... РiсґРµРiР°CґР°C, C-РI Р°Р±Рs РjРµC,Р°Р±РsР»C-Р·Рj РSPµ
РIРөРIс±Р°РIсґCII. РµCґРsC,Рµ Р·РIвґ™ CIIП·сґРIP°РSPSCII Р· Р±C-Р»РeР°РjРө
РSP°сґC, C-Р»CHРeРө РSPµР·РSP°C±РSPµ, C%Рs РIР·Р°C”РjРsРrC-C— Р· C-РSCёРөРjРө
сґРiРsР»сґРeР°РjРө Р· сґCґР°C...сґРIP°РSPSCIIРj C†CHРsРiРs РjРµC...Р°РSC-Р·Рjсґ
РjРsР¶РSP° РSPµ РsC±C-РeCрРIP°C,Рө.

$P_{\mu}C_{\eta}P_{\bar{e}} \text{ PsPrPSPsC}\ddagger P^{\circ}C\acute{I}PSPsPjC\acute{r} \text{ P}\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC- \text{ P}\cdot PeP^{\circ}C_{\eta}P\pm P^{\circ}P\ddot{I}P_{\mu}PSP_{\mu}PjP^{\circ}PjP_{\bar{e}}$
 $P\pm C\acute{r}P\rangle Ps \text{ P}\cdot P^{\circ}C_{\eta}P_{\mu}C''C\acute{I}C, C_{\eta}PsPIP^{\circ}PSPs \text{ P}\cdot PSP\ddot{e}P\P_{\mu}PSPSC\sqcup C_{\eta}C-PIPSC-PI$
 $PIP^{\circ}P\rangle CH\ddot{P}\ddot{I}C_{\eta}PsC''PIPSC- \text{ PeP}\ddot{e}C\acute{I}P\rangle PsC, P_{\bar{e}} \text{ PI } PeC_{\eta}PsPIC-, \text{ C}\acute{r} \text{ C}_{\eta}P_{\mu}P\cdot C\acute{r}P\rangle CH\ddot{C}, P^{\circ}C, C-$
 $C\ddagger PsPiPs \text{ P}\cdot PSP\ddot{e}P\P_{\mu}PSPSC\sqcup C_{\eta}C-PIPSC-PI \text{ PIP}^{\circ}P\rangle CH\ddot{P}\ddot{I}C_{\eta}PsC''PIPSC- \text{ PeP}\ddot{e}C\acute{I}P\rangle PsC, P_{\bar{e}}$
 $P\ddot{I}C_{\eta}P_{\bar{e}}P\pm P\rangle P_{\bar{e}}P\cdot PSPs \text{ P}\cdot P^{\circ} \text{ PrPIP}^{\circ} \text{ PrPSC- } C\acute{I}C, P^{\circ}PSPsPIP\ddot{e}P\rangle Ps \text{ 60-100 \%}. P\S P_{\mu}C_{\eta}P_{\mu}P\cdot$
 $C\epsilon PIP\ddot{e}PrPeP_{\bar{e}}P_{\bar{N}}\ddot{e} \text{ P}\ddot{I}PsC\ddagger P^{\circ}C, PsPe \text{ PrC-C- } C, P^{\circ} \text{ C}\acute{I}C, C\acute{r}P\ddot{I}C-PSCH\ddot{P} \text{ P}\cdot PSP\ddot{e}P\P_{\mu}PSPSC\sqcup$
 $PsPrPSPsC\ddagger P^{\circ}C\acute{I}PSP_{\mu} \text{ P}\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\sqcup \text{ PIP}^{\circ}P\rangle CH\ddot{P}\ddot{I}C_{\eta}PsC''PIPSC- \text{ PeP}\ddot{e}C\acute{I}P\rangle PsC, P_{\bar{e}}$
 $C- \text{ PeP}^{\circ}C_{\eta}P\pm P^{\circ}P\ddot{I}P_{\mu}PSP_{\mu}PjC-PI \text{ PIPIP}^{\circ}P\P^{\circ}C''C, CH\ddot{C}\acute{I}C\sqcup C, P^{\circ}PeP_{\bar{e}}Pj, \text{ C}\%Ps \text{ PSP}_{\mu}$
 $P\ddot{I}C-PrPrP^{\circ}C''C, CH\ddot{C}\acute{I}C\sqcup \text{ PePsC}_{\eta}P_{\bar{e}}P\ddot{I}C\acute{r}PIP^{\circ}PSPSCH, \text{ C}, PsPjC\acute{r} \text{ C}\acute{I}P\rangle C-Pr \text{ C}\acute{r}PSP\ddot{e}PeP^{\circ}C, P_{\bar{e}}$
 $C, P^{\circ}PePsC- \text{ PIP}\cdot P^{\circ}C''PjPsPrC-C-$.

P_{\mu}P_{\mu}C_{\eta}PsC_{\eta}P^{\circ}P\rangle CH\ddot{P}SC- \text{ P}^{\circ}PSC, P_{\bar{e}}PePsP^{\circ}PiC\acute{I}P\rangle C\sqcup PSC, P_{\bar{e}}

$PhPrPSPsC\ddagger P^{\circ}C\acute{I}PSP_{\mu} \text{ P}\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\sqcup \text{ P}^{\circ}PSC, P_{\bar{e}}P\pm C-PsC, P_{\bar{e}}PeC-PI \text{ P}\cdot$
 $PIP^{\circ}C_{\eta}C, P^{\circ}C_{\eta}P_{\bar{e}}PSPsPj \text{ PjPsP\P}_{\mu} \text{ P}\cdot P\pm C-P\rangle CH\ddot{C}\epsilon P_{\bar{e}}C, P_{\bar{e}} \text{ P}_{\bar{N}}\ddot{e}PsPiPs$
 $P^{\circ}PSC, P_{\bar{e}}PePsP^{\circ}PiC\acute{r}P\rangle C\sqcup PSC, PSP\ddot{e}P_{\bar{N}}\ddot{e} \text{ P}_{\mu}C, P_{\mu}PeC, \text{ P}\cdot C\acute{r}P\rangle Ps \text{ P}\cdot P^{\circ}C_{\eta}P_{\mu}C''C\acute{I}C, C_{\eta}PsPIP^{\circ}PSPs$
 $P\pm P^{\circ}PiP^{\circ}C, Ps \text{ P}\ddot{I}PsPIC-PrPsPjP\rangle P_{\mu}PSC\ddot{H} \text{ P}\ddot{I}C_{\eta}Ps \text{ P}\cdot P\pm C-P\rangle CH\ddot{C}\epsilon P_{\mu}PSPSC\sqcup$
 $P^{\circ}PSC, P_{\bar{e}}PePsP^{\circ}PiC\acute{r}P\rangle C\sqcup PSC, PSPsPiPs \text{ P}_{\mu}C, P_{\mu}PeC, \text{ C}\acute{r} \text{ P}\ddot{I}P_{\mu}C_{\eta}PsC_{\eta}P^{\circ}P\rangle CH\ddot{P}SPs$
 $P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}PsPIC\acute{r}PIP^{\circ}PSP\ddot{e}C... \text{ P}^{\circ}PSC, P_{\bar{e}}PePsP^{\circ}PiC\acute{r}P\rangle C\sqcup PSC, PSP\ddot{e}C... \text{ P}\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C, C-PI,$
 $C\acute{r} \text{ C}, PsPjC\acute{r} \text{ C}\ddagger P_{\bar{e}}C\acute{I}P\rangle C- \text{ PIP}^{\circ}C_{\eta}C, P^{\circ}C_{\eta}P_{\bar{e}}PSC\acute{r}, \text{ C}\acute{r} \text{ P}\ddot{I}P^{\circ}C\ddagger C-C''PSC, C-PI, C\sqcup PeC-$
 $PsPrPSPsC\ddagger P^{\circ}C\acute{I}PSPs \text{ PsC}, C_{\eta}P_{\bar{e}}PjC\acute{r}C\ddot{H}C, CH\ddot{P}^{\circ}PSC, P_{\bar{e}}P\pm P^{\circ}PeC, P_{\mu}C_{\eta}C-P^{\circ}P\rangle CH\ddot{P}SC-$
 $P\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C, P_{\bar{e}}. \text{ P } P_{\bar{e}}P\cdot P_{\bar{e}}Pe \text{ PjPsP\P}_{\mu} \text{ P}\cdot PjC-PSCH\ddot{P}IP^{\circ}C, P_{\bar{e}}C\acute{I}C\sqcup \text{ P}\cdot P^{\circ}P\rangle P_{\mu}P\P_{\mu}PSPs \text{ PIC-Pr}$
 $PsC\acute{I}PSPsPIPSP\ddot{e}C... \text{ C-PSC}, P_{\mu}PeC\ddagger C-P_{\bar{N}}\ddot{e}, \text{ PIC-PeC}\acute{r} \text{ C- } P\cdot P^{\circ}PiP^{\circ}P\rangle CH\ddot{P}SPsPiPs \text{ C}\acute{I}C, P^{\circ}PSC\acute{r}$
 $P\ddot{I}P^{\circ}C\ddagger C-C''PSC, P^{\circ}. \text{ P}\ddot{Y}P^{\circ}PeP_{\bar{e}}Pj \text{ C}\ddagger P_{\bar{e}}PSPsPj, \text{ PIPSP}_{\mu}C\acute{I}PsPe$
 $P^{\circ}PSC, P_{\bar{e}}P\pm P^{\circ}PeC, P_{\mu}C_{\eta}C-P^{\circ}P\rangle CH\ddot{P}SP\ddot{e}C... \text{ P}\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C, C-PI \text{ C}\acute{r} \text{ P}\ddot{I}C-PrPIP\ddot{e}C\%P_{\mu}PSPSC\sqcup$
 $C_{\eta}C-PIPSC-PI \text{ P}_{\bar{H}}P\acute{K}P' \text{ (PjC-P\P}_{\mu}PSP^{\circ}C_{\eta}PsPrPSPsPiPs \text{ PSPsC}_{\eta}PjP^{\circ}P\rangle C-P\cdot PsPIP^{\circ}PSPsPiPs$
 $PIC-PrPSPsC\epsilon P_{\mu}PSPSC\sqcup) \text{ PsC}\ddagger C-PSP\ddot{e}C, P_{\bar{e}} \text{ PIP}^{\circ}P\P_{\mu}PePs. \text{ P } P_{\mu}PePsPjP_{\mu}PSPPrC\acute{r}C''C, CH\ddot{C}\acute{I}C\sqcup$
 $P\ddot{I}C_{\eta}PsPiPsPrP_{\bar{e}}C, P_{\bar{e}} \text{ C}\ddagger P^{\circ}C\acute{I}C, P_{\bar{e}}P_{\bar{N}}\ddot{e} \text{ PePsPSC}, C_{\eta}PsP\rangle CH\ddot{P} \text{ C}_{\eta}C-PIPSC-PI \text{ P}_{\bar{H}}P\acute{K}P' \text{ P}\ddot{I}C-Pr \text{ C}\ddagger P^{\circ}C\acute{I}$
 $C- \text{ PSP}_{\mu}P\cdot P^{\circ}P\pm P^{\circ}C_{\eta}PsPj \text{ P}\ddot{I}C-C\acute{I}P\rangle C\sqcup \text{ PsPrPSPsC}\ddagger P^{\circ}C\acute{I}PSPsPiPs \text{ P}\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\sqcup$
 $P^{\circ}PSC, P_{\bar{e}}P\pm C-PsC, P_{\bar{e}}PeC-PI \text{ P}\cdot \text{ P}\ddot{I}P_{\mu}C_{\eta}PsC_{\eta}P^{\circ}P\rangle CH\ddot{P}SP\ddot{e}Pj \text{ P}^{\circ}PSC, P_{\bar{e}}PePsP^{\circ}PiC\acute{r}P\rangle C\sqcup PSC, PsPj.$

P''C-C, P_{\bar{e}}

$PjC\acute{I}C- \text{ PrPsC}\acute{I}P\rangle C-PrP\P_{\mu}PSPSC\sqcup \text{ P}\rangle C-PeP^{\circ}C_{\eta}C\acute{I}CH\ddot{P}PeP_{\bar{e}}C... \text{ PIP}\cdot P^{\circ}C''PjPsPrC-P_{\bar{N}}\ddot{e}$
 $P\ddot{I}C_{\eta}PsPiPsPrP_{\bar{e}}P\rangle P_{\bar{e}} \text{ C}, C-P\rangle CH\ddot{P}PeP_{\bar{e}} \text{ C}\acute{r} \text{ PrPsC}_{\eta}PsC\acute{I}P\rangle P_{\bar{e}}C....$

PhC\acute{I}PsP\pm P\rangle P_{\bar{e}}PIPSC\acute{I}C, C-B \text{ P}\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{I}PIP^{\circ}PSPSC\sqcup.

$P_{\mu}C_{\eta}P_{\bar{e}} \text{ PIP}\ddot{e}P\pm PsC_{\eta}C- \text{ PjP}_{\mu}C_{\eta}PsP\ddot{I}P_{\mu}PSP_{\mu}PjC\acute{r} \text{ C}\sqcup Pe \text{ P}\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r} \text{ P}\rangle C-PeC\acute{r}PIP^{\circ}PSPSC\sqcup$
 $C\acute{I}P\rangle C-Pr \text{ P}\pm C_{\eta}P^{\circ}C, P_{\bar{e}} \text{ PrPs } C\acute{r}PIP^{\circ}PiP_{\bar{e}} \text{ PrPsC}\ddagger C-P\rangle CH\ddot{P}SC-C\acute{I}C, CH\ddot{P}$
 $P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\sqcup \text{ P}^{\circ}PSC, P_{\bar{e}}P\pm P^{\circ}PeC, P_{\mu}C_{\eta}C-P^{\circ}P\rangle CH\ddot{P}SPsPiPs \text{ P}\cdot P^{\circ}C\acute{I}PsP\pm C\acute{r}$
 $P\ddot{I}C_{\eta}C\acute{r}P\ddot{I}P_{\bar{e}} \text{ PeP}^{\circ}C_{\eta}P\pm P^{\circ}P\ddot{I}P_{\mu}PSP_{\mu}PjC-PI, \text{ P}\ddot{I}C_{\eta}P^{\circ}C... \text{ PsPIC}\acute{r}C\ddot{H}C\ddagger P_{\bar{e}} \text{ C}, P^{\circ}PeC- \text{ C}, P^{\circ}PeC, PsC_{\eta}P_{\bar{e}}$
 $C\sqcup Pe \text{ C}, C\sqcup P\P_{\mu}PeC-C\acute{I}C, CH\ddot{P} \text{ C-PSC}, P_{\mu}PeC\ddagger C-C-, \text{ P}\ddot{I}PsC\epsilon P_{\bar{e}}C_{\eta}P_{\mu}PSC-C\acute{I}C, CH\ddot{P}$
 $C_{\eta}P_{\mu}P\cdot P_{\bar{e}}C\acute{I}C, P_{\mu}PSC, PSPsC\acute{I}C, C- \text{ PrPs } C-PSC\epsilon P_{\bar{e}}C... \text{ PIC-PrP}\ddot{I}PsPIC-PrPSP\ddot{e}C...$
 $P^{\circ}PSC, P_{\bar{e}}P\pm P^{\circ}PeC, P_{\mu}C_{\eta}C-P^{\circ}P\rangle CH\ddot{P}SP\ddot{e}C... \text{ P}\cdot P^{\circ}C\acute{I}PsP\pm C-PI, \text{ P}^{\circ} \text{ C}, P^{\circ}PePsP\P_{\mu}C_{\eta}P_{\bar{e}}P\cdot P_{\bar{e}}Pe$
 $PIP\ddot{e}P\pm PsC_{\eta}C\acute{r} \text{ P}\ddot{I}C_{\eta}P_{\mu}P\ddot{I}P^{\circ}C_{\eta}P^{\circ}C, C\acute{r} \text{ C}\%PsPrPs \text{ P}\pm P^{\circ}PeC, P_{\mu}C_{\eta}C-P_{\bar{N}}\ddot{e}, \text{ C}\acute{I}C, C-P_{\bar{N}}\ddot{e}PeP_{\bar{e}}C... \text{ PrPs}$
 $PeP^{\circ}C_{\eta}P\pm P^{\circ}P\ddot{I}P_{\mu}PSP_{\mu}PjC-PI.$

P \text{ P}_{\mu}P\cdot P_{\bar{e}}C\acute{I}C, P_{\mu}PSC, PSC-C\acute{I}C, CH\ddot{P} \text{ PIP}\ddot{e}PrC-PI \text{ Enterobacteriaceae, Pseudomonas aeruginosa } C, P^{\circ}
Acinetobacter

PJ P,,PICḡPsPīPμPNḡCÍCHḡPePsPjCÍ PŸPsCḡP·C- CḡPμP·PēCÍC,PμPSC,PSC-CÍC,CH PrPs PīPμPSPμPjC-PI Enterobacteriaceae, Pseudomonas aeruginosa C- Acinetobacter PIP°CḡC-CḡC”C,CHCÍCḡ. PμCḡPē PīCḡPēP·PSP°C‡PμPSPSC- PīCḡPμPīP°CḡP°C,CÍ CḡPμPePsPjPμPSPPrCÍC”C,CHCÍCḡ PICḡP°C...PsPICÍPIP°C,Pē PjC-CÍC‡PμPICÍ CḡPμP·PēCÍC,PμPSC,PSC-CÍC,CH C‡PēC... P±P°PeC,PμCḡC-PNḡ PrPs PīPμPSPμPjC-PI.

P PμP°PeC‡C-C— PiC-PīPμCḡC‡CÍC,P»PēPIPSCÍC,C-

PīPe C- PīCḡPē P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSC€PēC... β-P»P°PeC,P°PjPSPēC... P°PSC,PēP±C-PsC,PēPeC-PI, PīPsPIC-PrPsPjP»CḡP»PsCÍCH PīCḡPs CÍPμCḡPNḡPsP·PSC-, P° C-PSPsPrC- P· P»PμC,P°P»CHḡPSPēPjPē PSP°CÍP»C-PrPeP°PjPē CḡPμP°PeC‡C-C— PīC-PrPIPēC%oPμPSPsC— C‡CÍC,P»PēPIPSCÍC,C- PrP»Cḡ PjPμPīCḡPsPīPμPSPμPjCÍ.

PμP°C‡C-C”PSC,Pē, CÍ CḡPePēC... PI P°PSP°PjPSPμP·C- P·P°CḡPμC”CÍC,CḡPsPIP°PSC- PIPēPīP°PrPePē PīC-PrPIPēC%oPμPSPsC— C‡CÍC,P»PēPIPSCÍC,C- PrPs PeP°CḡP±P°PīPμPSPμPjC-PI, PīPμPSC-C‡PēP»C-PSC-PI P°P±Ps C-PSC€PēC... P±PμC,P°- P»P°PeC,P°PjPSPēC... P°PSC,PēP±C-PsC,PēPeC-PI, PjPsPḡCÍC,CH C,P°PePsPḡ PjP°C,Pē PīC-PrPIPēC%oPμPSCÍ C‡CÍC,P»PēPIC-CÍC,CH PrPs PjPμCḡPsPīPμPSPμPjCÍ. PμPμCḡPμPr PīPsC‡P°C,PePsPj C,PμCḡP°PīC-C— PjPμCḡPsPīPμPSPμPjPsPj CÍP»C-Pr PīCḡPsPIPμCÍC,Pē CḡPμC,PμP»CHḡPSPμ PsPīPēC,CÍPIP°PSPSCḡ C%oPsPrPs PīPsPīPμCḡPμPrPSC-C... CḡPμP°PeC‡C-PNḡ PīC-PrPIPēC%oPμPSPsC— C‡CÍC,P»PēPIPSCÍC,C- PrPs β-P»P°PeC,P°PjPSPēC... P°PSC,PēP±C-PsC,PēPeC-PI.

PμCḡPē PIPēPSPēPePSPμPSPSC- C,CḡPḡPePsC— P°P»PμCḡPiC-C‡PSPsC— CḡPμP°PeC‡C-C— P·P°CÍC,PsCÍCÍPIP°PSPSCḡ PīCḡPμPīP°CḡP°C,CÍ CÍP»C-Pr PīCḡPēPīPēPSPēC,Pē C,P° PIPrP°C,PēCÍCḡ PrPs PIC-PrPīPsPIC-PrPSPēC... P·P°C...PsPrC-PI.

PμPsPIC-PrPsPjP»CḡP»PsCÍCḡ PīCḡPs C,CḡPḡPeC- PīPsP±C-C‡PSC- CḡPμP°PeC‡C-C— P· P±PsPeCÍ C€PeC-CḡPē, C,P°PeC- CḡPe CÍPēPSPrCḡPsPj PŸC,C-PIPμPSCÍP°-P”PḡPsPSCÍPsPSP°, C,PsPeCÍPēC‡PSPēPNḡ PμPīC-PrPμCḡPjP°P»CHḡPSPēPNḡ PSPμPeCḡPsP»C-P·, PjPμPrPēPeP°PjPμPSC,PsP·PSP° P°P»PμCḡPiC-Cḡ P· PμPsP·PēPSPsC,,C-P»C-C”CH C- CÍPēCÍC,PμPjPSPēPjPē CÍPēPjPīC,PsPjP°PjPē (DRESS- CÍPēPSPrCḡPsPj), PjCÍP»CHC,PēC,,PsCḡPjPSP° PμCḡPēC,PμPjP° C,P° PīPsCÍC,CḡPēPNḡ PīPμPSPμCḡP°P»C-P·PsPIP°PSPēPNḡ PμPeP·P°PSC,PμPjP°C,PsP·PSPēPNḡ PīCÍCÍC,CÍP»CHḡPsP·, CÍ PīP°C‡C-C”PSC,C-PI, CḡPeC- PsC,CḡPēPjCÍPIP°P»Pē P»C-PeCÍPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeC‡C-C—B»). PJ CḡP°P·C- PīPsCḡIPē PsP·PSP°Pe C,P° CÍPēPjPīC,PsPjC-PI, C%oPs CÍPIC-PrC‡P°C,CH PīCḡPs C‡C- CḡPμP°PeC‡C-C—, PjPμCḡPsPīPμPSPμPj CÍP»C-Pr PSPμPīP°PNḡPSPs PIC-PrPjC-PSPēC,Pē C- CḡPsP·PīP»CḡPSCÍC,Pē P°P»CHC,PμCḡPSP°C,PēIPSPμ P»C-PeCÍPIP°PSPSCḡ.

PμCḡPē P·P°CÍC,PsCÍCÍPIP°PSPSC- C-PSC€PēC... P±PμC,P°-P»P°PeC,P°PjPSPēC... P°PSC,PēP±C-PsC,PēPeC-PI PīPsPIC-PrPsPjP»CḡP»PsCÍCH PīCḡPs CḡPμP°PeC‡C-C— PīC-PīPμCḡC‡CÍC,P»PēPIPSCÍC,C-, CḡPeC- PīCḡPsPiCḡPμCÍCÍPIP°P»Pē PrPs CÍPēPSPrCḡPsPjCÍ PḡPsCÍPSC-CÍP° (PīPsCÍC,CḡPēPNḡ P°P»PμCḡPiC-C‡PSPēPNḡ PePsCḡPsPSP°CḡPSPēPNḡ P°CḡC,PμCḡC-PsCÍPīP°P·Pj, C%oPs PjPsPḡPμ PīCḡPēP·PIPμCÍC,Pē PrPs C-PSC,,P°CḡPeC,CÍ PjC-PsPeP°CḡPrP°, PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeC‡C-C—B»).

PḡPsP»C-C,, PīPsPIḡḡ™ CḡP·P°PSPēPNḡ C-P· P·P°CÍC,PsCÍCÍPIP°PSPSCḡPj
P°PSC,PēP±C-PsC,PēPeC-PI

PμCḡPē P·P°CÍC,PsCÍCÍPIP°PSPSC- PīCḡP°PeC,PēC‡PSPs PICÍC-C...

P°PSC, PēP±P°PeC, PμCḡC-P°P»CHbPSPēC... PīCḡPμPīP°CḡP°C, C-PI, Cṛ C, PsPjCṛ C‡PēCḡP»C-
PjPμCḡPsPīPμPSPμPjCṛ, P±CṛP»Pē P·P°CḡPμCḡCḡC, CḡPsPIP°PSC- PIPēPīP°PrPePē PePsP»C-C, Cṛ,
PīPsPIbḡ™ CḡP·P°PSPsPiPs C-P· P·P°CḡC, PsCḡCṛPIP°PSPSCḡPj P°PSC, PēP±C-PsC, PēPeC-PI, C-
PIPēPīP°PrPePē PīCḡPμPIPṛPsPjPμPjP±CḡP°PSPsP·PSPsPiPs PePsP»C-C, Cṛ, CḡC, CṛPīC-PSCH
C, CḡPḡPePsCḡC, C- CḡPePēC... PjPsPḡPμ PIP°CḡC-CḡPIP°C, Pē PIC-Pr P»PμPiPePsPiPs PrPs
C, P°PePsPiPs, C%Ps CḡC, P°PSPsPIPēC, CH P·P°PīCḡPsP·Cṛ PḡPēC, C, Cḡ. PḡPsPjCṛ
PIP°PḡP»PēPIPs PīCḡPēPNḡPSCḡC, Pē PrPs CṛPIP°PiPē PjPsPḡP»PēPIC-CḡC, CH C, P°PePsPiPs
PrC-P°PiPSPsP·Cṛ Cṛ PīP°CḡC-CḡPSC, C-PI, Cṛ CḡPePēC... PīC-Pr C‡P°Cḡ P°P±Ps PīC-CḡP»Cḡ
P·P°CḡC, PsCḡCṛPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjCṛ PIPēPSPēPeP»P° PrC-P°CḡPμCḡ. PḡP»C-Pr
CḡPsP·PiP»CḡPSCṛC, Pē PīPēC, P°PSPSCḡ PīCḡPs PīCḡPēPīPēPSPμPSPSCḡ P»C-PeCṛPIP°PSPSCḡ
PjPμCḡPsPīPμPSPμPjPsPj C, P° P·P°CḡC, PsCḡCṛPIP°PSPSCḡ CḡPīPμCḡPēC, C-C‡PSPsPiPs
P»C-PeCṛPIP°PSPSCḡ, PSP°PīCḡP°PIP»PμPSPsPiPs PīCḡPsC, Pē *Clostridium difficile*. PḡPμ
CḡP»C-Pr PīCḡPēP·PSP°C‡P°C, Pē P»C-PeP°CḡCḡPeC- P·P°CḡPsP±Pē, CḡPeC-
PīCḡPēPiPSC-C‡CḡC, CH PīPμCḡPēCḡC, P°P»CHbC, PēPeCṛ PePēCḡPμC‡PSPēPeCṛ.

PḡCḡPrPsPjPē

PμC-Pr C‡P°Cḡ P»C-PeCṛPIP°PSPSCḡ PeP°CḡP±P°PīPμPSPμPjP°PjPē, Cṛ C, PsPjCṛ C‡PēCḡP»C-
PjPμCḡPsPīPμPSPμPjPsPj, CḡC-PrPePs PīPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs CḡCṛPrPsPjPē
(PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeCḡC-C-B»).

*PjCḡP°PḡPμPSPSCḡ PīPμC‡C-PSPePē, C-PSPrCḡPePsPIP°PSPμ P»C-PeP°CḡCḡPePēPjPē
P·P°CḡPsP±P°PjPē (DILI)*

PμC-Pr C‡P°Cḡ P»C-PeCṛPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj CḡP»C-Pr CḡPμC, PμP»CHbPSPs
PePsPSC, CḡPsP»CḡPIP°C, Pē C, CṛPSPeCḡC-Cḡ PīPμC‡C-PSPePē C‡PμCḡPμP· CḡPēP·PēPe
CḡPsP·PIPēC, PeCṛ CṛCḡP°PḡPμPSPSCḡ PīPμC‡C-PSPePē, C-PSPrCṛPePsPIP°PSPsPiPs
P»C-PeP°CḡCḡPePēPjPē P·P°CḡPsP±P°PjPē (DILI) (PrPēPI. CḡPsP·PrC-P» B«PμPsP±C-C‡PSC-
CḡPμP°PeCḡC-C-B»). Pj CḡP°P·C- CḡPsP·PIPēC, PeCṛ C, CḡPḡPePsPiPs DILI CḡP»C-Pr
CḡPsP·PiP»CḡPSCṛC, Pē PīCḡPēPīPēPSPμPSPSCḡ P»C-PeCṛPIP°PSPSCḡ, CḡPeC%Ps CḡPμ Cḡ
PeP»C-PSC-C‡PSPs PrPsCḡC-P»CHbPSPēPj. PμPsPIC, PsCḡPSPμ PīCḡPēP·PSP°C‡PμPSPSCḡ
PjPμCḡPsPīPμPSPμPjCṛ CḡP»C-Pr CḡPsP·PiP»CḡPrP°C, Pē P»PēCḡPμ Cṛ CḡP°P·C-, CḡPeC%Ps
PNḡPsPiPs P·P°CḡC, PsCḡCṛPIP°PSPSCḡ PIPIP°PḡP°C, CHbCḡCḡ PsP±T·CḡCṛPSC, PsPIP°PSPs
PSPμPsP±C...C-PrPSPēPj.

P P°P±PrPsPjC-PsP»C-P·

PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ PīCḡPs PIPēPīP°PrPePē CḡP°P±PrPsPjC-PsP»C-P·Cṛ PīCḡPē
P·P°CḡC, PsCḡCṛPIP°PSPSC- PjPμCḡPsPīPμPSPμPjCṛ. PīPeC%Ps
CḡPīPsCḡC, PμCḡC-PiP°CḡC, CHbCḡCḡ PsP·PSP°PePē P°P±Ps CḡPēPjPīC, PsPjPē
CḡP°P±PrPsPjC-PsP»C-P·Cṛ, P»C-PeCṛPIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj CḡP»C-Pr
PīCḡPēPīPēPSPēC, Pē C, P° CḡPsP·PiPsC‡P°C, Pē PIC-PrPīPsPIC-PrPSCṛ C, PμCḡP°PīC-Cḡ (PrPēPI.
CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeCḡC-C-B»).

P—P°CḡC, PsCḡCṛPIP°PSPSCḡ PīCḡPμPīP°CḡP°C, Cṛ PīP°CḡC-CḡPSC, P°Pj C-P·
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPē PīPμC‡C-PSPePē: PīC-Pr C‡P°Cḡ P»C-PeCṛPIP°PSPSCḡ
PjPμCḡPsPīPμPSPμPjPsPj Cṛ PīP°CḡC-CḡPSC, C-PI P· CṛPḡPμ C-CḡPSCṛCḡC‡PēPjPē
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPē PīPμC‡C-PSPePē CḡP»C-Pr CḡPμC, PμP»CHbPSPs
PePsPSC, CḡPsP»CḡPIP°C, Pē PīPμC‡C-PSPePsPIC- C, CṛPSPeCḡC-C—. PḡPsCḡPēPīCṛPIP°PSPSCḡ
PrPsP·Pē PīCḡPμPīP°CḡP°C, Cṛ PSPμ PīPsC, CḡC-P±PSPμ.

PḡPμCḡPsPePsPSPIPμCḡCḡCḡ PīCḡCḡPjPsPiPs P°PSC, PēPiP»PsP±CṛP»C-PSPsPiPsPiPs

C,PμCΓC,Cr (CḡPμP°PeC†C-Cḡ PḡC†PjP±CΓP°)

P>C-PeC†PIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjPsPj PjPsP¶Pμ CΓPīCḡPēC†PēPSPēC,Pē
CḡPsP·PIPēC,PSPe PīPsP·PēC,PēPIPSPsPīPs PīCḡCḡPjPsPīPs P°P±Ps PSPμPīCḡCḡPjPsPīPs
C,PμCΓC,Cr PḡC†PjP±CΓP°.

PḡPrPSPsC†P°CΓPSPμ P·P°CΓC,PSCΓC†PIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjC† C-
PIP°P»CHPīCḡPsC”PīPsC— PePēCΓP»PsC,Pē/PIP°P»CHPīCḡPsP°C,Cr PSP°C,CḡC-Cḡ PSPμ
CḡPμPePsPjPμPSPrC†C”C,CHCΓCḡ (PrPēPI. CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P·B
C-PSC€PēPjPēB P»C-PeP°CḡCḡPēPēPjPē P·P°CΓPsP±P°PjPē C,P° C-PSC€C- PIPēPrPē
PIP·P°C”PjPsPrC-PNēB»).

PḡPμCḡPsPīPμPSPμPj PjC-CΓC,PēC,CH P±P»PēP·CHPePs 2,0 PjP·PePI P°P±Ps 4,0 PjP·PePI
PSP°C,CḡC-Cḡ PSP° 500 PjPi P°P±Ps 1 Pi PrPsP·Pē PīCḡPμPīP°CḡP°C,Cr PIC-PrPīPsPIC-PrPSPs,
C%Ps PSPμPsP±C...C-PrPSPs PICḡP°C...PsPIC†PIP°C,Pē PīCḡPē PīCḡPēP·PSP°C†PμPSPSC-
PīCḡPμPīP°CḡP°C,Cr PīP°C†C-C”PSC,P°Pj, CḡPeC- PīPμCḡPμP±C†PIP°CḡC,CH PSP° PrC-C”C,C-
P·PePsPSC,CḡPsP»CHPsPIP°PSPēPj PIPjC-CΓC,PSPj PSP°C,CḡC-Cḡ.

***P—P°CΓC,PSCΓCḡPIP°PSPSCḡ Cḡ PīPμCḡC-PsPr PIP°PīC-C,PSPsCΓC,C-B P°P±PsB
PīPsPrCḡPIP°PSPSCḡ PīCḡCḡPrPrCḡ.***

P”P°PSC- C%PsPrPs P·P°CΓC,PSCΓC†PIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjC† PIP°PīC-C,PSPēPj
P¶C-PSPeP°Pj PIC-PrCΓC†C,PSC- P°P±Ps C—C... PeC-P»CHPeC-CΓC,CH PsP±PjPμP¶PμPSP°.

P”PSCΓP»C-PrP¶PμPSPSCḡ PSP° C,PIP°CḡPēPSP°C... PSPμ PIPēCḡPIPēP»Pē PīCḡCḡPjPēC...
P°P±Ps PsPīPsCΓPμCḡPμPrPePsPIP°PSPēC... PμC,,PμPeC,C-PI CḡPμPīCḡPsPrC†PeC,PēPIPSPsC—
C,PsPeCΓPēC†PSPsCΓC,C-. Pj CḡPePsCΓC,C- P·P°PīPsP±C-P¶PSPsPīPs P·P°C...PsPrC†
P±P°P¶P°PSPs C†PSPēPeP°C,Pē P·P°CΓC,PSCΓC†PIP°PSPSCḡ PjPμCḡPsPīPμPSPμPjC† PīC-Pr
C†P°CΓ PIP°PīC-C,PSPsCΓC,C-.

P”PsPrC†PIP°PSPSCḡ PīCḡC†PrPrCḡ

PμPsPIC-PrPsPjP»CḡP»PSCΓCḡ PīCḡPs PμPeCΓPeCḡPμC†C-Cḡ PSPμPIPμP»PēPePsC—
PeC-P»CHPePsCΓC,C- PjPμCḡPsPīPμPSPμPjC† Cr PīCḡC†PrPSPμ PjPsP»PsPePs.
PḡPμCḡPsPīPμPSPμPj PSPμ CΓP»C-Pr P·P°CΓC,PSCΓPsPIC†PIP°C,Pē P¶C-PSPeP°Pj, CḡPeC-
PīPsPrC†CḡC,CH PīCḡC†PrPrCḡ, CḡPeC%Ps C,C-P»CHPePē PīPsC,PμPSC†C-PNēPSP°
PePsCḡPēCΓC,CH PrP»Cḡ PjP°C,PμCḡC- PSPμ PIPēPīCḡP°PIPrPsPIC†C”
PīPsC,PμPSC†C-PNēPSPēPNē CḡPēP·PēPe PrP»Cḡ PrPēC,PēPSPē.

B

***P—PrP°C,PSC-CΓC,CH PIPīP»PēPIP°C,Pē PSP° C€PIPēPrPeC-CΓC,CH CḡPμP°PeC†C-C—
PīCḡPē PePμCḡCḡPIP°PSPSC- P°PIC,PSC,CḡP°PSCΓPīPsCḡC,PSPj P°P±Ps C-PSC€PēPjPē
PjPμC...P°PSC-P·PjP°PjPē.***

P”PSCΓP»C-PrP¶PμPSPSCḡ PIPīP»PēPIC† PīCḡPμPīP°CḡP°C,Cr PSP° P·PrP°C,PSC-CΓC,CH
PePμCḡC†PIP°C,Pē C,CḡP°PSCΓPīPsCḡC,PSPēPjPē P·P°CΓPsP±P°PjPē C,P° PīCḡP°C†CḡPIP°C,Pē
P· PjPμC...P°PSC-P·PjP°PjPē PSPμ PīCḡPsPīPsPrPēP»Pē.

PμCḡPē PePμCḡC†PIP°PSPSC- P°PIC,PSC,CḡP°PSCΓPīPsCḡC,PSPj P°P±Ps CḡPsP±PsC,C- P·
C-PSC€PēPjPē PjPμC...P°PSC-P·PjP°PjPē CḡPμPePsPjPμPSPrC†C”C,CHCΓCḡ

PrPsC, C₇H₆P₆J₆Cr₆PIP^oC, P₆C₇Cl₆ PsC₇PsP₆±P»P₆PIPsC— PsP₆±P₆C₇P₆¶PSPsC₇C-,
 PIC₇P^oC...PsPIC₇C₇C₇P₆ PjPsP₆¶P»P₆PIC-C₇C, C₇H₆PsP₆·PIP₆C, P₆C₇ PiPsP»PsPIPSPsPiPs
 P₆±PsP»C₇, PiP^oC₇P₆C₇C, P₆P·C-PN₆ P^oP₆±Ps C₇C₇PrPsPj, PiC₇Ps Cl₆PeC-
 PiPsPIC-PrPsPjP»Cl₆P»PsC₇C₇ PiC₇P₆ P·P^oC₇C, PsC₇C₇PrPIP^oPSPSC- PjP₆C₇PsPiP₆PSP₆PjC₇.

P₆Y₆PiPsC₇C-P₆ P·P^oC₇C, PsC₇C₇PIP^oPSPSC₇ C, P^o PrPsP·P₆.

P₆K^oPIP₆PrP₆PSC- PSP₆P₆¶C₇P₆ C, P^oP₆±P»P₆C₇C- PjC-C₇C, Cl₆C, C₇H₆ P·P^oPiP^oP»C₇H₆PSC-
 C₇H₆P₆PePsPjP₆PSP₆PrP^oC₇C-C— C%₆PsPrPs PrPsP·C₇PIP^oPSPSC₇ P»C-P₆P^oC₇C₇C₇PePsPiPs
 P·P^oC₇PsP₆±C₇.

P^oPsP·P^o PjP₆C₇PsPiP₆PSP₆PjC₇ C- C, C₇H₆P₆PIP^oP»C-C₇C, C₇H₆ P»C-P₆C₇PIP^oPSPSC₇
 P·P^oP»P₆P₆¶P₆C, C₇H₆ PIC-Pr PIP₆PrC₇ P·P₆±C₇PrPSP₆PeP^o C...PIP₆C₇PsP₆±P₆, C, Cl₆P₆¶PePsC₇C, C-
 P·P^oC...PIP₆C₇C₇PIP^oPSPSC₇ C, P^o C-PSP₆PrP₆PIC-PrC₇P^oP»C₇H₆PSPsC— C₇C₇C, P»P₆PIPsC₇C, C-
 PiP^oC₇C-C^oPSC, P^o.

P₆H₆P₆C₇PsPiP₆PSP₆Pj PiC₇P₆ P·P^oC₇C, PsC₇C₇PrPIP^oPSPSC- C₇ PrPsP·C- PrPs 2 Pi C, C₇H₆P₆C₇C-
 PSP^o PrPsP₆±C₇ C₇ PrPsC₇PsC₇P»P₆C... C, P^o PrC-C, P₆PN₆ P· PjP^oC₇PsC₇ C, C-P»P^o
 P₆±C-P»C₇H₆C₆P₆ 50 PePi C, P^o C₇ PrPsP·C- PrPs 40 PjB Pi/PePi C, C₇H₆P₆C₇C- PSP^o PrPsP₆±C₇ C₇
 PrC-C, P₆PN₆ PjPsP₆¶P₆ PsC₇PsP₆±P»P₆PIPs PiC-PrC...PsPrP₆C, P₆ PrP»Cl₆ P»C-P₆C₇PIP^oPSPSC₇
 PrP₆Cl₆PeP₆C... PIP₆PrC-PI C-PSC,, P₆PeC₇C-PN₆, C, P^oPeP₆C... Cl₆Pe PiPsC₇PiC-C, P^oP»C₇H₆PSC-
 C-PSC,, P₆PeC₇C-C—, C₇PiC₇P₆C₇P₆PSP₆PSC- PjP₆PSC₆ C₇C₇C, P»P₆PIP₆PjP₆ PIP₆PrP^oPjP₆
 P₆±P^oPeC, P₆C₇C-PN₆ (PSP^oPiC₇P₆PeP»P^oPr, *Pseudomonas aeruginosa* P^oP₆±Ps *Acinetobacter* spp.)
 P^oP₆±Ps PrC₇P₆¶P₆ C, Cl₆P₆¶PeC- C-PSC,, P₆PeC₇C-C—.

P^oPsPrP^oC, PePsPIC- C₇H₆P₆PePsPjP₆PSP₆PrP^oC₇C-C— C%₆PsPrPs PrPsP·C₇PIP^oPSPSC₇ C₇
 B PiP^oC₇C-C^oPSC, C-PI P· PSP₆C₇PePsPiPsC₇ PSP₆PrPsC₇C, P^oC, PSC-C₇C, C₇H₆ PrP₆PI.
 PSP₆P₆¶C₇P₆.

P₆Y^oP₆±P»P₆C₇Cl₆ 2

P P₆PePsPjP₆PSP₆PrPsPIP^oPSC- PrPsP·P₆ PrP»Cl₆ PrPsC₇PsC₇P»P₆C... C, P^o PrC-C, P₆PN₆ P·
 PjP^oC₇PsC₇ C, C-P»P^o P₆±C-P»C₇H₆C₆P₆ 50 PePi

P ₆ †PSC,, P ₆ PeC ₇ C-Cl ₆	P ₆ H ₆ PrPSPsC ₇ P ^o ·PsPIP ^o PrPsP·P ^o PrP»Cl ₆ PIP ₆ PrP ₆ PSPSC ₇ PePsP ₆ ¶PSC- 8 PiPsPrP ₆ PS
P ₆ ¶PSP ₆ PIP ₆ PsPSC-Cl ₆ , C ₇ C, PsPjC ₇ C ₇ P ₆ C ₇ P»C- PSP ₆ PiPsC ₇ PiC-C, P ^o P»C ₇ H ₆ PSP ^o , C, P ^o PiPsC ₇ PiC-C, P ^o P»C ₇ H ₆ PSP ^o PiPSP ₆ PIP ₆ PsPSC-Cl ₆	500 PjPi P ^o P ₆ ±Ps 1 Pi
P ^o C ₇ PsPSC...PsP»P ₆ PiP ₆ PSP ₆ PI C- C-PSC,, P ₆ PeC ₇ C-C— PiC ₇ P ₆ PjC ₇ PePsPIC-C ₇ C ₇ P ₆ PrPsP·C-	2 Pi
PjC ₇ PeP»P ^o PrPSP ₆ PSC- C-PSC,, P ₆ PeC ₇ C-C— C ₇ P ₆ C ₇ PsPIP ₆ PIC-PrPSP ₆ C... C ₆ P»Cl ₆ C...C-PI	500 PjPi P ^o P ₆ ±Ps 1 Pi
PjC ₇ PeP»P ^o PrPSP ₆ PSC- C-PSC, C ₇ P ^o P ^o P ₆ ±PrPsPjC-PSP ^o P»C ₇ H ₆ PSC- C-PSC,, P ₆ PeC ₇ C-C—	500 PjPi P ^o P ₆ ±Ps 1 Pi
P ₆ †PSC,, P ₆ PeC ₇ C-C— PiC-Pr C ₇ P ^o C ₇ PiPsP»PsPiC-PI C- PiC-C ₇ P»Cl ₆ PiPsP»PsPiPsPIC- C-PSC,, P ₆ PeC ₇ C-C—	500 PjPi P ^o P ₆ ±Ps 1 Pi
PjC ₇ PeP»P ^o PrPSP ₆ PSC- C-PSC,, P ₆ PeC ₇ C-C— C ₆ PeC-C ₇ P ₆ C- Pj ₆ H ₆ ™ Cl ₆ PeP ₆ C... C, PeP ^o PSP ₆ PS	500 PjPi P ^o P ₆ ±Ps 1 Pi

P"PsCfC,CfPëPN ₀ P±P°PeC,PμCfC-P°P»CHPSPëPN ₀ PjPμPSC-PSPiC-C,	2 Pi
P>C-PeCfPIP°PSPSCf PïP°C†C-C"PSC,C-PI P· C,,C-P±CfPëP»CHPSPsCf PSPμPN ₀ C,CfPSPiPμPSC-C"Cf	1 Pi

PhPμCfPSPiPμPSPμPj B P·P°P·PIPëC±P°PN₀ B CfP»C-Pr B P·P°CfC,PsCfPSPiCfPIP°C,Pë B Cf
PIPëPiP»CfPrC- PIPSCfC,CfC-CëPSCfPSPiPμPSPSPsC— C-PSC,,CfP·C-C—
C,CfPëPIP°P»C-CfC,Cf PIC-Pr

15 PrPs 30 C...PIPëP»PëPS.

PμCfC-Pj C,PsPiPs, PrPsP·Pë PïCfPμPïP°CfP°C,Cf PrPs 1 Pi PjPsP¶PSP° PIPiPsPrPëC,Pë Cf
PIPëPiP»CfPrC- PIPSCfC,CfC-CëPSCfPSPiPμPSPSPsC— P±PsP»CfCfPSPsC—
C-PSBf™C"P°C†C-C— PïCfPSPsC,CfPiPsPj PïCfPëP±P»PëP·PSPs 5 C...PIPëP»PëPS. P"°PSC- P·
P±PμP·PiPμPePë, C%Ps PïC-PrC,PIPμCfPrP¶CfCfC,Ch PIPiPμPrPμPSPSCf PrPsCfPSPCfP»PëPj
PïCfPμPïP°CfP°C,Cf Cf PrPsP·C- 2 Pi Cf PIPëPiP»CfPrC-
PIPSCfC,CfC-CëPSCfPSPiPμPSPSPsC— P±PsP»CfCfPSPsC— C-PSBf™C"P°C†C-C—,
PsP±PjPμP¶PμPSC-.

PμPsCfCzCëPμPSPSCf C,,CzPSPeC†C-C— PSPëCfPSPe

P"°PSP·Cf PrP»Cf PrPsCfPSPCfP»PëC... C,P° PïC-PrP»C-C,PeC-PI CfP»C-Pr
PePsCfPëPiCfPIP°C,Pë, CfPeC%Ps PeP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCf PjPμPSCëPμ 51
PjP»/C...PI, CfPe PïPsPeP°P·P°PSPs PI C,P°P±P»PëC†C- PSPëP¶C±Pμ.

PÿP°P±P»PëC†Cf 3

P PμPePsPjPμPSPPrPsPIP°PSC-B PrPsP·PëB PïCfPμPïP°CfP°C,CzB PrP»CfB
PrPsCfPSPCfP»PëC...B C,P°B PrC-C,PμPN₀B P·B PjP°CfPSPCfB C,C-P»P° P±C-P»CHCëPμ 50
PePi, CfPeC%Ps PeP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCz Cz PïP°C†C-C"PSC,C-PI
CfC,P°PSPsPIPëC,Ch PjPμPSCëPμ 51 PjP»/C...PI

PμP»C-CfPμPSCf PeCfPμP°C,PëPSC-PSCf (PjP»/C...PI)	PhPrPSPsCfP°P·PsPIP° PrPsP·P° (PrPëPI. PÿP°P±P»PëC†Cf 1)	PfP°CfC,PsC,P°
26-50	PiPsPIPSP° PsPrPSPsCfP°P·PsPIP° PrPsP·P°	PePsP¶PSC- 12 PiPsPrPëPS
10-25	PiPsP»PsPIPëPSP° PsPrPSPsCfP°P·PsPIP°C— PrPsP·Pë	PePsP¶PSC- 12 PiPsPrPëPS
<10	PiPsP»PsPIPëPSP° PsPrPSPsCfP°P·PsPIP°C— PrPsP·Pë	PePsP¶PSC- 24 PiPsPrPëPSPë

P"°PSC-, C%Ps PïC-PrC,PIPμCfPrP¶CfCfC,Ch P·P°CfC,PsCfCfPIP°PSPSCf
PIPëP°P·P°PSPëC... Cf PÿP°P±P»PëC†C- 2 PrPsP· PïCfPμPïP°CfP°C,Cf,
PIC-PrPePsCfPëPiPsPIP°PSPëC... PSP° PsPrPëPSPëC†Cf PrPsP·Pë 2 Pi, PsP±PjPμP¶PμPSC-.

PhPμCfPSPiPμPSPμPj PIPëPiPsPrPëC,ChCfCf P·P° PrPsPiPsPjPsPiPsCf
PiPμPjPsPrC-P°P»C-P·Cf C,P° PiPμPjPsC,,C-P»CHC,CfP°C†C-C—, C,PsPjCf
PSPμPsP±C...C-PrPSCf PrPsP·Cf PïCfPμPïP°CfP°C,Cf CfP»C-Pr PIPiPsPrPëC,Pë PïC-CfP»Cf
P·P°PIPμCfCëPμPSPSCf PïCfPSPC†PμPrCfCfPë PiPμPjPsPrC-P°P»C-P·Cf.

P PμPePsPjPμPSPPrP°C†C-PNε C%PsPrPs PIC†C,P°PSPsPIP»PμPSPsC— PrPsP·Pë
 PïC†PμPïP°C†P°C,C† PrP»C† PïP°C†C-C”PSC,C-PI, C†PεC- PsC,C†PëPjC†C†C,C†
 PïPμC†PëC,PsPSPμP°P»C†PSPëPNε PrC-P°P»C-P·, PSPμPjP°C”.

PμPsC†C†CεPμPSPSC† C„C†PSPεC†C-C— PïPμC†C-PSPεPë

P”P»C† PïP°C†C-C”PSC,C-PI P· PïPsC†C†CεPμPSPSC†Pj C„C†PSPεC†C-C— PïPμC†C-PSPεPë
 PePsC†PëPïC†PIP°PSPSC† PrPsP·Pë PïC†PμPïP°C†P°C,C† PSPμ PïPsC,C†C-P±PSPμ (PrPëPI.
 C†PsP·PrC-P» B«P†C†PsP±P»PëPIPsC†C,C-B P·P°C†C,PsC†C†PIP°PSPSC†B»).

P”PsP·C†PIP°PSPSC† PrP»C† PïP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PεC†

P”P»C† PïP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PεC† P· PSPsC†PjP°P»C†PSPsC†
 C„C†PSPεC†C-C”C† PSPëC†PsPe P°P±Ps P·C- P·PSP°C†PμPSPSC†PjPë PeP»C-C†PμPSC†C†
 PeC†PμP°C,PëPSC-PSC† PIPëC%Pμ 50 PjP»/C...PI PePsC†PëPïC†PIP°PSPSC† PrPsP·Pë PSPμ
 PïPsC,C†C-P±PSPμ.

P”C-C,Pë PIC-PεPsPj PrPs 3 PjC-C†C†C†C-PI

P’PμP·PïPμPeP° C,P° PμC„PμPeC,PëPIPSC-C†C,C† PjPμC†PsPïPμPSPμPjC† C† PrC-C,PμPNε
 PIC-PεPsPj PrPs 3 PjC-C†C†C†C-PI PSPμ PIC†C,P°PSPsPIP»PμPSC-, P°
 PsPïC,PëPjP°P»C†PSPëPNε C†PμP¶PëPj PrPsP·C†PIP°PSPSC† PSPμ PIPëP·PSP°C†PμPSPs.
 P†PrPSP°Pe PsP±PjPμP¶PμPSC- C„P°C†PjP°PePsPeC-PSPμC,PëC†PSC- PrP°PSC-
 C†PIC-PrC†P°C,C† PïC†Ps C,Pμ, C%Ps PjPsP¶Pμ P±C†C,Pë PrPsC†C-P»C†PSPëPj
 P·P°C†C,PsC†C†PIP°PSPSC† 20 PjPi/PePi PePsP¶PSC- 8 PïPsPrPëPS (PrPëPI. C†PsP·PrC-P»
 B«PαP°C†PjP°PePsPeC-PSPμC,PëPeP°B»).

PÿP°P±P»PëC†C† 4

P PμPePsPjPμPSPPrPsPIP°PSC-B PrPsP·PëB PïC†PμPïP°C†P°C,C†B PrP»C†B PrC-C,PμPNεB
 PIC-PεPsPjB PIC-PrB 3B PjC-C†C†C†C-PIB PrPs 11 C†PsPeC-PI C- P· PjP°C†PsC† C,C-P»P°

PrPs 50 PePi

P†PSC„PμPeC†C-C†	P†PrPSPsC†P°P·PsPIP° PrPsP·P° PrP»C† PïPμPrPμPSPSC† PePsP¶PSC- 8 PïPsPrPëPS
PμPSPμPIPjPsPSC-C†, C† C,PSPjC† C†PëC†P»C- PSPμPïPsC†PïC-C,P°P»C†PSP° C,P° PïPsC†PïC-C,P°P»C†PSP°	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
P’C†PsPSC...PsP»PμPïPμPSPμPIC- C-PSC„PμPeC†C-C— PïC†Pë PjC†PePsPIC-C†C†PëPrPsP·C-	40 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC„PμPeC†C-C— C†PμC†PsPIPëPIC-PrPSPëC... CεP»C†C...C-PI	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC,C†P°P°P±PrPsPjC-PSP°P»C†PSC- C-PSC„PμPeC†C-C—	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°
PjC†PeP»P°PrPSPμPSC- C-PSC„PμPeC†C-C— CεPeC-C†Pë C- PjB†™ C†PePëC... C,PeP°PSPëPS	10 P°P±Ps 20 PjPi/PePi PjP°C†Pë C,C-P»P°

P"PsCfC,CfPëPN ₂ P±P°PeC,PμCfC-P°P»CHbPSPëPN ₂ PjPμPSC-PSPiC-C,	40 PjPi/PePi PjP°CfPë C,C-P»P°
P»C-PeCfPIP°PSPSCf PIP°C†C-C"PSC,C-PI P· C,,C-P±CfPëP»CHbPSPsCf PSPμPN ₂ C,CfPSPiPμPSC-C"Cf	20 PjPi/PePi PjP°CfPë C,C-P»P°

P" C-C,Pë P· PjP°CfPSCf C,C-P»P° P±C-P»CHbCëPμ 50 PePi

PŸP»C-Pr P·P°CfC,PsCfPSPiCfPIP°C,Pë PrPsP·Cf, CfPe PrP»Cf PrPsCfPSCfP»PëC...
PIP°C†C-C"PSC,C-PI.

P"PsCfPIC-PrCf P·P°CfC,PsCfCfPIP°PSPSCf PïCfPμPïP°CfP°C,Cf PrC-C,CfPj P·
PïPsCfCfCëPμPSPSCfPj C,,CfPSPeC†C-C— PSPëCfPSPe PSPμPjP°C".

PŸPïPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCf

PμPμCfPSPiPμPSPμPj B P·P°P·PIPëC†P°PN₂ B CfP»C-Pr B P·P°CfC,PsCfPSPiCfPIP°C,Pë B Cf
PIPëPiP»CfPrC- PIPSCfC,CfC-CëPSCbPSPiPμPSPSPsC— C-PSC,,CfP·C-C—
C,CfPëPIP°P»C-CfC,Cf PIC-Pr

15 PrPs 30 C...PIPëP»PëPS. PμCfC-Pj C,PsPiPs, PrPsP·Pë PjPμCfPSPiPμPSPμPjCf PrPs 20
PjPi/PePi PjPsP¶CfC,CH P±CfC,Pë PIPiPμPrPμPSC- Cf PIPëPiP»CfPrC-
PIPSCfC,CfC-CëPSCbPSPiPμPSPSPsC— P±PsP»CfCfPSPsC— C-PSb¶™ C"PëC†C-C—
PïCfPSP,CfPiPsPj PïCfPëP±P»PëP·PSPs 5 C...PIPëP»PëPS. P"P°PSC- P· P±PμP·PïPμPePë, C%oPs
PïC-PrC,PIPμCfPrP¶CfC,CH PIPiPμPrPμPSPSCf PrC-C,CfPj PïCfPμPïP°CfP°C,Cf Cf
PrPsP·C- 40 PjPi/PePi Cf PIPëPiP»CfPrC- PIPSCfC,CfC-CëPSCbPSPiPμPSPSPsC—
P±PsP»CfCfPSPsC— C-PSb¶™ C"PëC†C-C—, PsP±PjPμP¶PμPSC-.

PμCfPSPiPμPrPμPSPSCf PIPSCfC,CfC-CëPSCbPSPiPμPSPSPsC— P±PsP»CfCfPSPsC—
C-PSb¶™ C"PëC†C-C—

P PsP·C†PëPS PrP»Cf P±PsP»CfCfPSPsC— C-PSb¶™ C"PëC†C-C— CfP»C-Pr PïPsC,CfPIP°C,Pë
CëP»CfC...PsPj CfPSP·C†PëPSPμPSPSCf P»C-PeP°CfCfCHPePsPiPs P·P°CfPSP±Cf PμCfC-Cf
Cf PIPsPrC- PrP»Cf C-PSb¶™ C"PëC†C-PN₂ PrPs PsC,CfPëPjP°PSPSCf
PePsPSC†PμPSC,CfP°C†C-C— 50 PjPi/PjP».

PfC-PjC-C†PSP° C- C,,C-P·PëC†PSP° CfC,P°P±C-P»CHbPSC-CfC,CH
PïCfPëPiPsC,PsPIP°PSPSPiPs CfPSP·C†PëPSCf PrP»Cf P±PsP»CfCfPSPsC—
C-PSb¶™ C"PëC†C-C— P·P±PμCfC-PiP°P»P°CfCf PïCfPSP,CfPiPsPj 3 PïPsPrPëPS PïCfPë
PeC-PjPSP°C,PSC-PN₂ C,PμPjPïPμCfP°C,CfCfC- (15-25^{Ps} PŸ).

P— PjC-PeCfPSP±C-PsP»PsPiC-C†PSPsC— C,PsC†PePë P·PsCfCf P»C-PeP°CfCfCHPePëPN₂
P·P°CfC-P± PSPμPsP±C...C-PrPSPs PIPëPePsCfPëCfC,P°C,Pë PSPμPiP°PN₂PSPs.

PïPeC%oPs P»C-PeP°CfCfCHPePëPN₂ P·P°CfC-P± PsPrCfP°P·Cf P¶ PSPμ
PIPëPePsCfPëCfC,P°C,Pë, P·P° C,PμCfPjC-PS C,P° CfPjPsPIPë PN₂PsPiPs
P·P±PμCfC-PiP°PSPSCf PïC-CfP»Cf PïCfPëPiPsC,CfPIP°PSPSCf PIC-PrPïPsPIC-PrP°C"
P»C-PeP°Cf.

PμCfPSPiPμPrPμPSPSCf PIPSCfC,CfC-CëPSCbPSPiPμPSPSPsC— C-PSC,,CfP·C-C—

P PsP·C†PëPS PrP»Cf C-PSC,,CfP·C-C— CfP»C-Pr PïPsC,CfPIP°C,Pë CëP»CfC...PsPj

$$\begin{aligned} & \text{P}^{\circ}\text{P}_{\mu}\text{P}_{\text{j}}\text{P}_{\text{s}}\text{P}_{\text{r}}\text{C}-\text{P}^{\circ}\text{P}\gg\text{C}-\text{P}\cdot\text{PIP}\ddot{\text{e}}\text{PIP}_{\text{s}}\text{P}_{\text{r}}\text{P}\ddot{\text{e}}\text{C},\text{CH}\text{P}_{\text{j}}\text{P}_{\mu}\text{C}\ddot{\text{H}}\text{P}_{\text{s}}\text{P}\ddot{\text{i}}\text{P}_{\mu}\text{PSP}_{\mu}\text{P}_{\text{j}}\text{C}-\text{PN}_{\text{e}}\text{PsPiPs} \\ & \text{P}_{\text{j}}\text{P}_{\mu}\text{C},\text{P}^{\circ}\text{P}\pm\text{PsP}\gg\text{C}-\text{C},\text{P}\ddot{\text{e}}\text{P}\cdot\text{PsC}\ddot{\text{H}}\text{PiP}^{\circ}\text{PSC}-\text{P}\cdot\text{P}_{\text{j}}\text{Cr}. \end{aligned}$$

P— P±PsPeCf C€P»CfPSPePsPIPs- PePëC€PePsPIPsPiPs C, CĤP°PeC, Cř	PŞP°CĴC, Ps	P”C-P°CĤPµCĴ, P±P»CĤPIP°PSPSCĴ, PSCřPrPsC, P°, P±C-P»CĤ Cř P¶PëPIPsC, C-.
	PŞP°CĴC, PsC, P° PSPµPIC-PrPsPjP°	PљPsP»C-C,, P°CĴPsC†C-PNёPsPIP°PSPëPNё C-P. P·P°CĴC, PsCĴCřPIP°PSPSCĴPj P°PSC, PëP±C-PsC, PëPeC-PI.
P— P±PsPeCf PiPµC†C-PSPePë C, P° P¶PsPIC†PsPIPëPIC-PrPSPëC... C€P»CĴC...C-PI	PŞP°CĴC, Ps	PµC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI C, CĤP°PSCĴP°PjC-PSP°P., PiC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI P»CřP¶PSPsC— C,, PsCĴC,, P°C, P°P·Pë Cř PeCĤPsPIC-, PiC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI P»P°PeC, P°C, PrPµPiC-PrCĤPsPiPµPSP°P·Pë Cř PeCĤPsPIC-.
	PќPµC†P°CĴC, Ps	PµC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI P±C-P»C-CĤCřP±C-PSCř PI PeCĤPsPIC-, CřCĤP°P¶PµPSPSCĴ PiPµC†C-PSPePë, C-PSPPrCřPePsPIP°PSPµ P»C-PeP°CĤCĴCĤPePëPjPë P·P°CĴPsP±P°PjPë (DILI), PIPeP»CĤC†P°CĤC†Pë PiPµPiP°C, PëC, C, P° PiPµC†C-PSPePsPICř PSPµPrPsCĴC, P°C, PSC-CĴC, CĤ.
P— P±PsPeCf C€PeC-CĤPë C, P° PiC-PrC€PeC-CĤPSPsC— C, PeP°PSPëPSPë	PŞP°CĴC, Ps	P’PëCĴPëPi, CĴPIPµCĤP±C-P¶.
	PќPµC†P°CĴC, Ps	PљCĤPsPiPëPIёĤ™ CĴPSPeP°. C, PsPeCĴPëC†PSPëPNё PµPiC-PrPµCĤPjP°P»CĤPSPëPNё PSPµPeCĤPsP»C-P., CĴPëPSPPrCĤPsPj PŸC, C-PIPµPSCĴP°-P”P¶PsPSCĴPsPSP°, PjCřP»CĤC, PëC,, PsCĤPjPSP° PµCĤPëC, PµPjP°,
	PŞP°CĴC, PsC, P° PSPµPIC-PrPsPjP°	PjPµPrPëPeP°PjPµPSC, PsP·PSP° P°P»PµCĤPiC-CĴ P· PµPsP·PëPSPsC,, C-P»C-C”CĤ C- CĴPëCĴC, PµPjPSPëPjPë CĴPëPjPiC, PsPjP°PjPë, PiPsCĴC, CĤPëPNё PiPµPSPµCĤP°P»C-P·PsPIP°PSPëPNё PµPeP·P°PSC, PµPjP°C, PsP·PSPëPNё PiCřCĴC, CřP»CĤPsP· (PrPëPI. CĤPsP·PrC-P» B«PhCĴPsP±P»PëPIPsCĴC, C- P·P°CĴC, PsCĴCřPIP°PSPSCĴB»).
P— P±PsPeCf PsPiPsCĤPSPs- CĤCřC...PsPIPsPiPs P°PiP°CĤP°C, Cř C, P° CĴPiPsP»CřC†PSPsC— C, PeP°PSPëPSPë	PŞP°CĴC, PsC, P° PSPµPIC-PrPsPjP°	PP°P±PrPsPjC-PsP»C-P·.
P— P±PsPeCf PSPëCĤPsPe C- CĴPµC†PsPIPëPIC-PrPSPëC... C€P»CĴC...C-PI	PќPµC†P°CĴC, Ps	PµC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI PeCĤPµP°C, PëPSC-PSCř PI PeCĤPsPIC-, PiC-PrPIPëC%µPµPSPSCĴ CĤC-PIPSC-PI CĴPµC†PsPIPëPSPë PI PeCĤPsPIC-.
P—P°PiP°P»CĤPSC- CĤPsP·P»P°PrPë C, P° CĴC, P°PSPë Cř PjC-CĴC†C- PIPIPµPrPµPSPSCĴ PiCĤPµPiP°CĤP°C, Cř	PŞP°CĴC, Ps	P—P°PiP°P»PµPSPSCĴ, P±C-P»CĤ.
	PќPµC†P°CĴC, Ps	PŸCĤPsPjP±PsC,, P»PµP±C-C,.
	PŞP°CĴC, PsC, P° PSPµPIC-PrPsPjP°	P’C-P»CĤ Cř PjC-CĴC†C- C-PŞёĤ™ C”PeC†C-C—.
P PsP·P»P°PrPë PjPµC, P°P±PsP»C-P·PjCř C, P° C...P°CĤC†CřPIP°PSPSCĴ	PќPµC†P°CĴC, Ps	P”C-PiPsPeP°P»C-C”PjC-CĴ.

PќPµPjP°C” PSC-CĴPePëC... PrP°PSPëC..., C%µPs CĴPIC-PrC†P°C, CĤ PiCĤPs
P·P±C-P»CĤC€PµPSPSCĴ CĤPëP·PëPeCř PiPsP±C-C†PSPëC... CĴPIPëC%µ Cř PrC-C, PµPNё PSP°
PiC-PrCĴC, P°PIC- PsP±PjPµP¶PµPSPsC— PeC-P»CĤPePsCĴC, C- PrPsCĴC, CřPiPSPëC...
PrP°PSPëC..... PjCĴC- PsC, CĤPëPjP°PSC- PiPsPIC-PrPsPjP»PµPSPSCĴ PIC-PrPiPsPIC-PrP°P»Pë

PiPsP±C-C±PSPëPj CḡPμP°PeC†C-CḡPj, CḡPiPsCḡC,PμCḡPμP¶CḡPIP°PSPëPj Cḡ
PrPsCḡPsCḡP»PëC... PiP°C†C-C”PSC,C-PI.

PhPiPëCḡ PsPeCḡPμPjPëC... PiPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë

PŸPëPSPPrCḡPsPj PḡPsCḡPSC-CḡP°

PμPsPIC-PrPsPjP»CḡP»PsCḡCḡ PiCḡPs PIPëPiP°PrPePë PiPsCḡC,CḡPsPiPs
PePsCḡPsPSP°CḡPSPsPiPs CḡPëPSPPrCḡPsPjCḡ, P°CḡPsC†C-PNëPsPIP°PSPsPiPs P·
P°P»PμCḡPiC-C±PSPsCḡ CḡPμP°PeC†C-C”Cḡ (CḡPëPSPPrCḡPsPj PḡPsCḡPSC-CḡP°), CḡPePëPNë
P±CḡPI P·P°C,,C-PeCḡPsPIP°PSPëPNë PiCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC- C-PSCëPëC...
P±PμC,P°-P»P°PeC,P°PjPSPëC... P°PSC,PëP±C-PsC,PëPeC-PI (PrPëPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PëPIPsCḡC,C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).

*PμPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs PiC-PrPsP·CḡCḡPIP°PSC- PiPsP±C-C±PSC-
CḡPμP°PeC†C-C—*

PμPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs PiC-PrPsP·CḡCḡPIP°PSC- PiPsP±C-C±PSC-
CḡPμP°PeC†C-C— PiC-CḡP»Cḡ CḡPμC”CḡC,CḡP°C†C-C— P»C-PeP°CḡCḡCḡPePsPiPs
P·P°CḡPsP±Cḡ PjP°C” PIP°P¶P»PëPIPμ P·PSP°C±PμPSPSCḡ. P|Pμ PrP°C” P·PjPsPiCḡ
PiCḡPsPIPsPrPëC,Pë PjPsPSC-C,PsCḡPëPSPi CḡPiC-PIPIC-PrPSPsCëPμPSPSCḡ PePsCḡPëCḡC,CH
/ CḡPëP·PëPe PiCḡPë P·P°CḡC,PsCḡCḡPIP°PSPSC- C†CḡPsPiPs P»C-PeP°CḡCḡCḡPePsPiPs
P·P°CḡPsP±Cḡ. PḡPμPrPëC±PSPëPj C,P° C,,P°CḡPjP°C†PμPIC,PëC±PSPëPj
PiCḡP°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PiP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj
PiCḡPμPrCḡC,P°PIPSPëPeP°Pj CḡP»C-Pr PiPsPIC-PrPsPjP»CḡC,Pë PiCḡPs CḡCḡC-
PIPëPiP°PrPePë PiC-PrPsP·CḡCḡPIP°PSPëC... PiPsP±C-C±PSPëC... CḡPμP°PeC†C-PNë C,P°
PIC-PrCḡCḡC,PSPsCḡC,C- PμC,,PμPeC,PëPIPSsCḡC,C- P»C-PeP°CḡCḡCḡPePsPiPs P·P°CḡPsP±Cḡ
C±PμCḡPμP· PhPIC,PsPjP°C,PëP·PsPIP°PSCḡ C-PSC,,PsCḡPjP°C†C-PNëPSCḡ CḡPëCḡC,PμPjCḡ P·
C,,P°CḡPjP°PePsPSP°PiP»CḡPrCḡ P·P° PiPsCḡPëP»P°PSPSCḡPj: <https://aisf.dec.gov.ua>.

PŸPμCḡPjC-PS PiCḡPëPrP°C,PSPsCḡC,C-. 2 CḡPsPePë.

PjPjPsPIPë P·P±PμCḡC-PiP°PSPSCḡ.

P—P±PμCḡC-PiP°C,Pë PiCḡPë C,PμPjPiPμCḡP°C,CḡCḡC- PSPμ PIPëC%Pμ 25 B°PŸ Cḡ
PSPμPrPsCḡC,CḡPiPSPsPjCḡ PrP»Cḡ PrC-C,PμPNë PjC-CḡC†C-. PμC-CḡP»Cḡ
CḡPsP·PIPμPrPμPSPSCḡ PSPμ P·P°PjPsCḡPsP¶CḡPIP°C,Pë.

PḡPμCḡCḡPjC-CḡPSC-CḡC,CH.

PḡPμ CḡP»C-Pr P·PjC-CëCḡPIP°C,Pë P°P±Ps PrPsPrP°PIP°C,Pë PrPs C-PSCëPëC...
P»C-PeP°CḡCḡCḡPePëC... P·P°CḡPsP±C-PI.

PμPsCḡPsCëPsPe, CḡPePëPNë P±CḡPrPμ PIPëPePsCḡPëCḡC,PsPICḡPIP°C,PëCḡCḡ PrP»Cḡ
P±PsP»CḡCḡPSPëC... PIPSCḡC,CḡC-CëPSCḡPsPIPμPSPSPëC... C-PSḡḡ™C”PeC†C-PNë, CḡP»C-Pr
PIC-PrPSPsPIP»CḡPIP°C,Pë Cḡ CḡC,PμCḡPëP»CḡPSC-PNë PIPsPrC- PrP»Cḡ C-PS’C”PeC†C-PNë.

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