

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

(DENIPIME)

$P_i P_{\mu} C_{,,} P_{\mu} P_i C - P_j P_i C_{\overline{H}} P_{\overline{P}} P_i P_{SC} - C \ddagger C r C'' C \overline{I} P_{\overline{P}} P_{SC}, P_{\mu} P \cdot C_{,,} P_{\mu} C_{\overline{H}} P_j P_{\mu} P_{SC}, C - P \overline{I} C \overline{I} C, C - P S P e P_{\overline{P}}$
 $P \pm P^{\circ} P e C, P_{\mu} C_{\overline{H}} C - P^{\circ} P \gg C H P S P s C - P e P \gg C - C, P_{\overline{P}} P S P_{\overline{P}} C - P_j P^{\circ} C'' C \overline{C} P_{\overline{P}} C_{\overline{H}} P s P e P_{\overline{P}} P_{\overline{N}} C \overline{I} P_i P_{\mu} P e C, C_{\overline{H}}$
 $P r C - C - C \% P s P r P s C_{\overline{H}} C - P \cdot P S P_{\overline{P}} C \dots P_i C_{\overline{H}} P^{\circ} P_j P_i P s P \cdot P_{\overline{P}} C, P_{\overline{P}} P S P_{\overline{P}} C \dots C -$
 $P_i C_{\overline{H}} P^{\circ} P_j P S P_{\mu} P_i P^{\circ} C, P_{\overline{P}} P S P_{\overline{P}} C \dots P \pm P^{\circ} P e C, P_{\mu} C_{\overline{H}} C - P_{\overline{N}}. P_i P_{\mu} C_{,,} P_{\mu} P_i C - P_j$

PIPëCíPSPePSCíC,C-PNëPePëPNë PrPs PiC-PrCĤPsP»C-P·Cí P±C-P»CHC€C-CíC,CH β-P»P°PeC,P°PjP°P·, PjP°C” PjP°P»Cí CíPíPSCĤC-PrPSPμPSC-CíC,CH C%PsPrPs β-P»P°PeC,P°PjP°P·, CĤPeC- PePsPrCíCĤC,CHCíCĤ C...CĤPsPjPSCíPSPjPSPëPjPë PiPμPSP°PjPë, C-C€PIPëPrPePs PíCĤPsPSPëPeP°C” Cí PiCĤP°PjPSPμPiP°C,PëPIPSC-P±P°PeC,PμCĤC-P°P»CHPSC- PeP»C-C,PëPSPë.

PiPμC,,PμPíC-Pj P°PeC,PëPIPSPëPNë C%PsPrPs C,P°PePëC... PjC-PeCĤPsPsCĤPiP°PSC-P·PjC-PI:

PiCĤP°PjPiPSP·PëC,PëPIPSC- P°PμCĤPsP±Pë: *Staphylococcus aureus* C,P° *Staphylococcus epidermidis* (PIPeP»CĤC†P°CĤC†Pë C—C... C€C,P°PjPë, C%Ps PíCĤPsPrCíPeCíCĤC,CH β-P»P°PeC,P°PjP°P·Cí); C-PSC€C- C€C,P°PjPë CíC,P°C,,C-P»PsPePsPeC-PI, PIPeP»CĤC†P°CĤC†Pë *S. hominis*, *S. saprophyticus*; *Streptococcus pyogenes* (CíC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë PĤ); *Streptococcus agalactiae* (CíC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë P’); *Streptococcus pneumoniae* (PIPeP»CĤC†P°CĤC†Pë C€C,P°PjPë P·C- CíPμCĤPμPrPSCĤPsCĤ CíC,C-PNëPeC-CíC,CH PrPs PíPμPSC-C†PëP»C-PSCí - PĤPμPĤ PIC-Pr 0,1 PrPs 1 PjPePi/PjP»); C-PSC€C- β-PiPμPjPsP»C-C,PëC†PSC- CíC,CĤPμPíC,PsPePsPePë (PiCĤCíPíPë C, G, F), *S. bovis* (PiCĤCíPíP° D), CíC,CĤPμPíC,PsPePsPePë PiCĤCíPíPë *Viridans*. P’C-P»CHC€C-CíC,CH C€C,P°PjC-PI PμPSC,PμCĤPsPePsPeC-PI, PSP°PíCĤPëPeP»P°Pr *Enterococcus faecalis*, C-CíC,P°C,,C-P»PsPePsPePë, CĤPμP·PëCíC,PμPSC,PSC- PrPs PjPμC,PëC†PëP»C-PSCí, CĤPμP·PëCíC,PμPSC,PSC- PrPs P±C-P»CHC€PsCíC,C- C†PμC,,P°P»PsCíPíPSCĤPëPSPsPIPëC... P°PSC,PëP±C-PsC,PëPeC-PI, PIPeP»CĤC†P°CĤC†Pë C†PμC,,PμPíC-Pj;

PiCĤP°PjPSPμPiP°C,PëPIPSC- P°PμCĤPsP±Pë: *Pseudomonas* spp., PIPeP»CĤC†P°CĤC†Pë *P. aeruginosa*, *P. putida*, *P. stutzeri*; *Escherichia coli*, *Klebsiella* spp., PIPeP»CĤC†P°CĤC†Pë *K. pneumoniae*, *K. oxytoca*, *K. ozaenae*; *Enterobacter* spp., PIPeP»CĤC†P°CĤC†Pë *E. cloacae*, *E. aerogenes*, *E. sakazakii*; *Proteus* spp., PIPeP»CĤC†P°CĤC†Pë *P. mirabilis*, *B B B B B B B B P. vulgaris*; *Acinetobacter calcoaceticus* (subsp. *anitratus*, *lwoffii*); *Aeromonas hydrophila*; *Capnocytophaga* spp.; *Citrobacter* spp., PIPeP»CĤC†P°CĤC†Pë *C. diversus*, *C. freundii*; *Campylobacter jejuni*; *Gardnerella vaginalis*; *Haemophilus ducreyi*; *H. influenzae* (PIPeP»CĤC†P°CĤC†Pë C€C,P°PjPë, C%Ps PíCĤPsPrCíPeCíCĤC,CH B B B B B B β-P»P°PeC,P°PjP°P·Cí); *H. parainfluenzae*; *Hafnia alvei*; *Legionella* spp.; *Morganella morganii*; *Moraxella catarrhalis* (*Branhamella catarrhalis*) (PIPeP»CĤC†P°CĤC†Pë C€C,P°PjPë, C%Ps PíCĤPsPrCíPeCíCĤC,CH β-P»P°PeC,P°PjP°P·Cí); *Neisseria gonorrhoeae* (PIPeP»CĤC†P°CĤC†Pë C€C,P°PjPë, C%Ps PíCĤPsPrCíPeCíCĤC,CH β-P»P°PeC,P°PjP°P·Cí); *N. meningitidis*; *Pantoea agglomerans* (PIC-PrPsPjPëPNë CĤPe *Enterobacter agglomerans*); *Providencia* spp. (PIPeP»CĤC†P°CĤC†Pë *P. rettgeri*, *B B B B B B B B P. stuartii*); *Salmonella* spp.; *Serratia* (PIPeP»CĤC†P°CĤC†Pë *S. marcescens*, *S. liquefaciens*); *Shigella* spp.; *Yersinia enterocolitica*. PiPμC,,PμPíC-Pj PSPμP°PeC,PëPIPSPëPNë C%PsPrPs P±P°PiP°C,CHPsC... C€C,P°PjC-PI *Xanthomonas maltophilia* C- *Pseudomonas maltophilia*;

P°PSP°PμCĤPsP±Pë: *Bacteroides* spp., PIPeP»CĤC†P°CĤC†Pë *B. melaninogenicus* C,P° C-PSC€C-PjC-PeCĤPsPsCĤPiP°PSC-P·PjPë CĤPsC,PsPIPsC— PíPSCĤPsP¶PSPëPSPë, C%Ps PSP°P»PμP¶P°C,CH PrPs *Bacteroides*; *Clostridium perfringens*; *Fusobacterium* spp.; *Mobiluncus* spp.; *Peptostreptococcus* spp.; *Veillonella* spp. PiPμC,,PμPíC-Pj PSPμP°PeC,PëPIPSPëPNë C%PsPrPs *Bacteroides fragilis* C- *Clostridium difficile*.

PαP°CĤPjP°PePsPeC-PSPμC,PëPeP°.

PŸPμCĤPμPrPSC- PePsPSC†PμPSC,CĤP°C†C-C— C†PμC,,PμPíC-PjCí Cí PíP»P°P·PjC- PeCĤPsPIC-Cí PrPsCĤPsCíP»PëC... P·PrPsCĤPsPIPëC... C†PsP»PsPIC-PeC-PI C†PμCĤPμP· CĤC-P·PSPëPNë C†P°Cí PíC-CíP»CĤ PsPrPSPsCĤP°P·PsPIPsPiPs PIPSCíC,CĤC-C€PSCĤPsPIPμPSPSPsPiPs C,P° PIPSCíC,CĤC-C€PSCĤPsPjBĤ™ CĤP·PsPIPsPiPs PIPIPμPrPμPSPSCĤ PSP°PIPμPrPμPSC- Cí

C,P°P±P»PëC†C- 1.

PŸP°P±P»PëC†C‡ 1

PŸPµCŸPµPrPSC- PePsPSC†PµPSC,CŸP°C†C-C— C†PµC,,PµPïC-PjC† C† PïP»P°P·PjC-
PeCŸPsPIC- (PjPePi/PjP») PïCŸPë PIPSC†C,CŸC-C€PSCŸPsPIPµPSPSPsPjC† (PI/PI)

C,P° PIPSC†C,CŸC-C€PSCŸPsPjBŸ™ C‡P·PsPIPSPjC† (PI/Pj) PIPµPrPµPSPSC-

P°PsP·P°	0,5	1	2	4	8	12
C†PµC,,PµPïC-PjC†	PiPsPrPëPSPë	PiPsPrPëPSP°	PiPsPrPëPSPë	PiPsPrPëPSPë	PiPsPrPëPS	PiPsPrPëPS
1 Pi PI/PI	78,7	44,5	24,3	10,5	2,4	0,6
1 Pi PI/Pj	14,8	25,9	26,3	16	4,5	1,4

Pj C†PµC†C-, P¶PsPIC†C-, PïPµCŸPëC,PSPSPµP°P»CHPSC-PNë CŸC-PrPëPSC-,
C†P»PëP·PsPIPSPjC† C†PµPeCŸPµC,C- P±CŸPsPSC...C-PI, PjPsPeCŸPsC,PëPSPSC-,
PïCŸPsC†C,P°C,C-, P°PïPµPSPPrPëPeC†C- C,P° P¶PsPIC†PSPSPjC† PjC-C...C†CŸC- C,P°PePsP¶
PrPsC†C‡PiP°CŸC,CHC†C‡ C,PµCŸP°PïPµPIC,PëC†PSC- PePsPSC†PµPSC,CŸP°C†C-C—
C†PµC,,PµPïC-PjC†.

Pj C†PµCŸPµPrPSCŸPsPjC† PïPµCŸC-PsPr PSP°PïC-PIPIPëPIPµPrPµPSPSC‡ C†PµC,,PµPïC-PjC†
P· PsCŸPiP°PSC-P·PjC† C†C,P°PSPSPIPëC,CH PïCŸPëP±P»PëP·PSPs 2 PiPsPrPëPSPë.
B B B B B B B B B B Pj P·PrPsCŸPsPIPëC... PrPsP±CŸPsPIPSP»CHC†C-PI, C‡PeC-
PsPrPµCŸP¶C†PIP°P»Pë PrPsP·Pë PrPs 2 Pi PIPSC†C,CŸC-C€PSCŸPsPIPµPSPSPs P·
C-PSC,PµCŸPIP°P»PsPj 8 PiPsPrPëPS PïCŸPsC,C‡PiPsPj 9 PrPSC-PI, PSPµ
C†PiPsC†C,PµCŸC-PiP°P»P°C†C‡ PeC†PjC†P»C‡C†C-C‡ PïCŸPµPïP°CŸP°C,C† PI
PsCŸPiP°PSC-P·PjC-.

PiPµC,,PµPïC-Pj PjPµC,P°P±PsP»C-P·C†C”C,CHC†C‡ PI N-PjPµC,PëP»PïC-CŸPsP»C-PrPëPS,
C‡PePëPNë C€PIPëPrPePs PïPµCŸPµC,PIPsCŸCŸC”C,CHC†C‡ PI PsPeC†PëPr
B B B B B B B B B B B B B B B N-PjPµC,PëP»PïC-CŸPsP»C-PrPëPSC†.
PŸPµCŸPµPrPSC-PNë P·P°PiP°P»CHPSPëPNë PeP»C-CŸPµPSC† C†C,P°PSPSPIPëC,CH 120
PjP»/C...PI. PiPµC,,PµPïC-Pj PIPëPrC-P»C‡C”C,CHC†C‡ PjP°PNëP¶Pµ PIPëPSC‡C,PePsPIPSP P·P°
CŸP°C...C†PSPSPe PSPëCŸPePsPIPëC... PjPµC...P°PSC-P·PjC-PI CŸPµPiC†P»C‡C†C-C—,
PiPsP»PsPIPSPëPj C†PëPSPSPj C€P»C‡C...PsPj PiP»PsPjPµCŸC†P»C‡CŸPSPSC—
C,,C-P»CHC,CŸP°C†C-C— (C†PµCŸPµPrPSC-PNë PSPëCŸPePsPIPëPNë PeP»C-CŸPµPSC† BŸ” 110
PjP»/C...PI). Pj C†PµC†C- PïCŸPsC‡PIP»C‡C”C,CHC†C‡ PïCŸPëP±P»PëP·PSPs 85 %
PIPIPµPrPµPSPSC— PrPsP·Pë C† PIPëPiP»C‡PrC- PSPµP·PjC-PSPµPSPSPiPs C†PµC,,PµPïC-PjC†, 1
% BŸ” N-PjPµC,PëP»PïC-CŸPsP»C-PrPëPSC†, PïCŸPëP±P»PëP·PSPs 6,8 % BŸ” PsPeC†PëPrC† N-
PjPµC,PëP»PïC-CŸPsP»C-PrPëPSC† C,P° PïCŸPëP±P»PëP·PSPs 2,5 % BŸ” PµPïC-PjPµCŸC†
C†PµC,,PµPïC-PjC†. P—PIBŸ™ C‡P·C†PIP°PSPSC‡ C†PµC,,PµPïC-PjC† P· P±C-P»PeP°PjPë
PïP»P°P·PjPë PeCŸPsPIC- C†C,P°PSPSPIPëC,CH PjPµPSC€Pµ 19 % C- PSPµ P·P°P»PµP¶PëC,CH
PIC-Pr PePsPSC†PµPSC,CŸP°C†C-C— PïCŸPµPïP°CŸP°C,C† PI C†PëCŸPsPIP°C,C†C- PeCŸPsPIC-.

P¶PIPSCŸPëPj PIC-PePsPj PIC-Pr 65 CŸPsPeC-PI C-P· PSPSCŸPjP°P»CHPSPSCŸ
C,,C†PSPeC†C-C”CŸ PSPëCŸPsPe PSPµ PïPsC,CŸC-P±PSPµ PePsCŸPëPiC†PIP°PSPSC‡ PrPsP·Pë,
PSPµP·PIP°P¶P°CŸC†Pë PSP° PjPµPSC€C† PIPµP»PëC†PëPSC† PSPëCŸPePsPIPsPiPs
PeP»C-CŸPµPSC†C† PiPsCŸC-PIPSC‡PSPs P· PjPsP»PsPrPëPjPë C...PIPsCŸPëPjPë.

P°PsC†P»C-PrP¶PµPSPSC‡, PïCŸPsPIPµPrPµPSC- P·P° C†C†P°C†C,CŸ C...PIPsCŸPëC... C-P·

С҃҃С-Р·PSPёPj С҃҃С,С҃҃P҃PµPSPµPj PSPёС҃҃PеPѕPІPѕC— PSPµPrPѕC҃҃С,Р°C,PSPѕC҃҃С,C-,
PіС҃҃PѕPrPµPjPѕPSC҃҃С,С҃҃С҃PІP°P»Pё Р·P±C-P»С҃҃СёPµPSPSCІ PіPµС҃҃С-PѕPrС҃҃
PSP°PіC-PІPІёPІPµPrPµPSPSCІ P· PѕС҃҃PіP°PSC-P·PjС҃҃. Pj С҃҃PµС҃҃PµPrPSC҃҃PѕPjС҃҃
PіPµС҃҃С-PѕPr PSP°PіC-PІPІёPІPµPrPµPSPSCІ С҃҃ С...PІPѕС҃҃PёC... C-P· C,СІP¶PеPёPjPё
PіPѕС҃҃С҃PёPµPSPSCІPjPё C,,С҃҃PSPеC҃҃C-C— PSPёС҃҃PѕPе, СІPеC- PіPѕC,С҃҃PµP±С҃҃С҃C,С҃҃
PrC-P°P»C-P·С҃҃, С҃҃С,Р°PSPѕPІPёC,С҃҃ 13 PіPѕPrPёPS PіС҃҃Pё PіPµPjPѕPrC-P°P»C-P·C- C- 19
PіPѕPrPёPS PіС҃҃Pё PіPµС҃҃PёC,PѕPSPµP°P»С҃҃PSPѕPjС҃҃ PrC-P°P»C-P·C-.

PαP°С҃҃PjP°PеPѕPеC-PSPµC,PёPеP° C҃҃PµC,,PµPіC-PjС҃҃ С҃҃ С...PІPѕС҃҃PёC... C-P·
PіPѕС҃҃С҃PёPµPSPSCІPjPё C,,С҃҃PSPеC҃҃C-C— PіPµC҃҃C-PSPеPё P°P±Pѕ
PjС҃҃PеPѕPІC-C҃҃C҃PёPrPѕP·PѕPj PSPµ P·PjC-PSPµPSP°. P¬PѕС҃҃PёPіС҃҃PІP°PSPSCІ PrPѕP·Pё
PrP»CІ C,Р°PеPёC... C...PІPѕС҃҃PёC... PSPµ PіPѕC,С҃҃С-P±PSPµ.

P¬P»C-PSC-C҃҃PSC- C...P°С҃҃P°PеC,PµС҃҃PёC҃҃С,PёPеPё.

PµPѕPеP°P·P°PSPSCІ.

P°PѕС҃҃PѕC҃҃P»C-

P҃PSC,,PµPеC҃҃C-C—, С҃҃PіС҃҃PёC҃҃PёPSPµPSC- C҃҃С҃С,P»PёPІPѕС҃҃ PrPѕ PіС҃҃PµPіP°С҃҃P°C,С҃҃
PjC-PеС҃҃PѕC,,P»PѕС҃҃PѕС҃҃:

в҃҃“ PrPёC...P°P»С҃҃PSPёC... CёP»CІC...C-PI, С҃҃ C,PѕPjС҃҃ C҃҃PёC҃҃P»C- PіPSPµPІPjPѕPSC-CІ,
P±С҃҃PѕPSC...C-C,;

в҃҃“ CёPеC-С҃҃Pё C,Р° PіC-PrCёPеC-С҃҃PSPѕC— PеP»C-C,PеPѕPІPёPSPё;

в҃҃“ C-PSC,С҃҃P°P°P±PrPѕPjC-PSP°P»С҃҃PSC- C-PSC,,PµPеC҃҃C-C—, С҃҃ C,PѕPjС҃҃ C҃҃PёC҃҃P»C-
PіPµС҃҃PёC,PѕPSC-C, C,Р° C-PSC,,PµPеC҃҃C-C— P¶PѕPІC҃҃PѕPІPёPІC-PrPSPёC... CёP»CІC...C-PI;

в҃҃“ C-PSC,,PµPеC҃҃C-C— С҃҃PµC҃҃PѕPІPёPІC-PrPSPёC... CёP»CІC...C-PI, С҃҃ C,PѕPjС҃҃ C҃҃PёC҃҃P»C-
PіC-C”P»PѕPSPµC,,С҃҃PёC,;

в҃҃“ PіC-PSPµPеPѕP»PѕPіC-C҃҃PSC-;

в҃҃“ С҃҃PµPіC,PёC҃҃PµPjC-CІ.

P·PjPіC-С҃҃PёC҃҃PSP° C,PµС҃҃P°PіC-CІ C...PІPѕС҃҃PёC... C-P· PSPµP¬C,С҃҃PѕPіPµPSC-C҃҃PSPѕС҃҃
PіP°С҃҃CІC҃҃PеPѕС҃҃.

PµС҃҃PѕC,,C-P»P°PеC,PёPеP° PіC-C҃҃P»CІPѕPіPµС҃҃P°C҃҃C-P¬PSPёC... С҃҃С҃҃PеP»P°PrPSPµPSC҃҃
PІ C-PSC,С҃҃P°P°P±PrPѕPjC-PSP°P»С҃҃PSC-P¬ C...C-С҃҃С҃PіC-C—.

P°C-C,Pё

в҃҃“ PµPSPµPІPjPѕPSC-CІ;

в҃҃“ C-PSC,,PµPеC҃҃C-C— С҃҃PµC҃҃PѕPІPёPІC-PrPSPёC... CёP»CІC...C-PI, С҃҃ C,PѕPjС҃҃ C҃҃PёC҃҃P»C-
PіC-C”P»PѕPSPµC,,С҃҃PёC,;

в҃҃“ C-PSC,,PµPеC҃҃C-C— CёPеC-С҃҃Pё C,Р° PіC-PrCёPеC-С҃҃PSPѕC— PеP»C-C,PеPѕPІPёPSPё;

БҲ “ СГРµPіC, PёC†PµPjC-СІІ;

БҲ “ PµPjPіC-СҲPёC†PSP° C, PµСҲP°PіC-СІІ С...PIPsСҲPёC... C-P·
PSPµPNёC, СҲPsPіPµPSC-C†PSPsСҲ PіP°СҲCІІC†PёPsСҲ;

БҲ “ P±P°PёC, PµСҲC-P°P»СҲPSPёPNё PjPµPSC-PSPіC-C,.

PµСҲPsC, PёPіPsPёP°P·P°PSPSCІІ.

PµC-PrPIPёC%PµPSP° C†CрC, P»PёPIC-СГC, СҲ PrPs C†PµC, PµPіC-PjCр P°P±Ps
P°СҲPіC-PSC-PSCр, P° C, P°PёPsP¶ PrPs P°PSC, PёP±C-PsC, PёPёC-PI
C†PµC, P°P»PsСГPіPsСҲPёPSPsPIPsPіPs PёP»P°СГCр, PіPµPSC-C†PёP»C-PSC-PI P°P±Ps
C-PSCёPёC... β-P»P°PёC, P°PjPSPёC... P°PSC, PёP±C-PsC, PёPёC-PI.

PҲСГPsP±P»PёPIC- P·P°C...PsPrPё P±PµP·PіPµPёPё.

PќP°PrC...PsPrP¶PµPSPSCІІ P»C-PёP°СҲСГCҲPёPsPіPs P·P°СГPsP±Cр Cр P·PsPIPSC-CёPSC”
СГPµСҲPµPrPsPIPёC%Pµ СГP»C-Pr P·PIPµСГC, Pё PrPs PjC-PSC-PjCрPjCр.
PќPµPsP±C...C-PrPSPs P·P°PіPsP±C-PіP°C, Pё PіPsC, СҲP°PіP»CІІPSPSCҲ
P»C-PёP°СҲСГCҲPёPsPіPs P·P°СГPsP±Cр Cр PёP°PSP°P»C-P·P°C†C-PNёPSCр СГPёСГC, PµPjCр
P°P±Ps PіPsP±CрC, PsPIC- PIC-PrC...PsPrPё.

P·P·P°C”PjPsPrC-СІІ P· C-PSCёPёPjPё P»C-PёP°СҲСГCҲPёPёPjPё P·P°СГPsP±P°PjPё C, P° C-PSCёC- PIPёPrPё PIP·P°C”PjPsPrC-PNё.

P—P°СГC, PsСГPsPICрCҲC†Pё PIPёСГPsPёC- PrPsP·Pё P°PjC-PSPsPіP»C-PёPsP·PёPrC-PI
PsPrPSPsC†P°СГPSPs P· C†PµC, PµPіC-PjPsPj, СГP»C-Pr CрPIP°P¶PSPs СГC, PµP¶PёC, Pё P·P°
C, CрPSPёC†C-C”CҲ PSPёСҲPsPё C†PµСҲPµP· PіPsC, PµPSC†C-PNёPSCр
PSPµC, СҲPsC, PsPёСГPёC†PSC-СГC, СҲ C, P° PsC, PsC, PsPёСГPёC†PSC-СГC, СҲ
P°PjC-PSPsPіP»C-PёPsP·PёPrPSPёC... P°PSC, PёP±C-PsC, PёPёC-PI.
PќPµC, СҲPsC, PsPёСГPёC†PSC-СГC, СҲ PIC-PrP·PSP°C†P°P»P°СГCІІ PіC-СГP»CІІ
PsPrPSPsC†P°СГPSPsPіPs P·P°СГC, PsСГCрPIP°PSPSCІІ C-PSCёPёC...
C†PµC, P°P»PsСГPіPsСҲPёPSC-PI P· PrC-CрСҲPµC, PёPёP°PjPё, C, P°PёPёPjPё CІІPё
C, CрСҲPsСГPµPjC-Pr.

PіPµC, PµPіC-Pj PёPsPSC†PµPSC, СҲP°C†C-C”CҲ PIC-Pr 1 PrPs 40 PjPi/PjP» СГCрPjC-СГPSPёPNё
P· C, P°PёPёPjPё PіP°СҲPµPSC, PµСҲP°P»СҲPSPёPjPё СҲPsP·C†PёPSP°PjPё:

0,9 % СҲPsP·C†PёPS PSP°C, СҲC-СҲ С...P»PsСҲPёPrCр PrP»CІІ C-PSБҲ™C”PёC†C-PNё; 5 C- 10 %
СҲPsP·C†PёPSPё PіP»CҲPёPsP·Pё PrP»CІІ C-PSБҲ™C”PёC†C-PNё; СҲPsP·C†PёPS 6PҲ
PSP°C, СҲC-СҲ P»P°PёC, P°C, Cр PrP»CІІ C-PSБҲ™C”PёC†C-PNё, СҲPsP·C†PёPS 5 %
PіP»CҲPёPsP·Pё C- 0,9 % PSP°C, СҲC-СҲ С...P»PsСҲPёPrCр PrP»CІІ C-PSБҲ™C”PёC†C-PNё;
СҲPsP·C†PёPS P C-PSPіPµСҲP° P· P»P°PёC, P°C, PsPj C- 5 % СҲPsP·C†PёPSPsPj PіP»CҲPёPsP·Pё
PrP»CІІ C-PSБҲ™C”PёC†C-PNё.

P©PsP± CрPSPёPёPSCрC, Pё PjPsP¶P»PёPIPsC— P»C-PёP°СҲСГCҲPёPsC— PIP·P°C”PjPsPrC-C—
P· C-PSCёPёPjPё PіСҲPµPіP°СҲP°C, P°PjPё, СҲPsP·C†PёPSPё C†PµC, PµPіC-PjCр (CІІPё C-

$P \pm C - P \gg CHC \in PsC \acute{I}C, C - C - PSC \in P \ddot{e}C \dots \beta - P \gg P^{\circ}PeC, P^{\circ}PjPSP \ddot{e}C \dots P^{\circ}PSC, P \ddot{e}P \pm C - PsC, P \ddot{e}PeC - PI) PSP_{\mu}$
 $PIPIP_sPrP \ddot{e}C, P \ddot{e} PsPrPSP_sC \ddagger P^{\circ}C \acute{I}PSP_s P \cdot C \acute{H}PsP \cdot C \ddagger P \ddot{e}PSP^{\circ}PjP \ddot{e} PjP_{\mu}C, C \acute{H}PsPSC - PrP^{\circ}P \cdot PsP \gg Cr,$
 $PIP^{\circ}PSP \ddot{e}PsPjC - C \ddagger P \ddot{e}PSC \acute{r}, PiP_{\mu}PSC, P^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}, C, PsP \pm C \acute{H}P^{\circ}PjC - C \ddagger P \ddot{e}PSC \acute{r}$
 $C \acute{I}C \acute{r}P \gg CHC, P^{\circ}C, Cr C - PSP_{\mu}C, P \ddot{e}P \gg PjC - C \ddagger P \ddot{e}PSC \acute{r} C \acute{I}C \acute{r}P \gg CHC, P^{\circ}C, Cr. Pj C \acute{H}P^{\circ}P \cdot C -$
 $PiC \acute{H}P \ddot{e}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSPSC \sqcup C \ddagger P_{\mu}C, P_{\mu}PiC - PjC \acute{r} C - P \cdot P \cdot P^{\circ}P \cdot PSP^{\circ}C \ddagger P_{\mu}PSP \ddot{e}PjP \ddot{e}$
 $PiC \acute{H}P_{\mu}PiP^{\circ}C \acute{H}P^{\circ}C, P^{\circ}PjP \ddot{e} PiPsC, C \acute{H}C - P \pm PSP_s PIPIP_sPrP \ddot{e}C, P \ddot{e} PePsP \P P_{\mu}PS$
 $P^{\circ}PSC, P \ddot{e}P \pm C - PsC, P \ddot{e}Pe PsPeC \acute{H}P_{\mu}PjPs.$

$P'PiP \gg P \ddot{e}PI PSP^{\circ} C \acute{H}P_{\mu}P \cdot C \acute{z}P \gg CHC, P^{\circ}C, P \ddot{e} P \gg P^{\circ}P \pm PsC \acute{H}P^{\circ}C, PsC \acute{H}PSP \ddot{e}C \dots C, P_{\mu}C \acute{I}C, C - PI$

$P - P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \sqcup C \ddagger P_{\mu}C, P_{\mu}PiC - PjC \acute{r} PjPsP \P P_{\mu} PiC \acute{H}P \ddot{e}P \cdot PIP_{\mu}C \acute{I}C, P \ddot{e} PrPs$
 $C \dots P \ddot{e}P \pm PSP_sPiPsP \cdot P \ddot{e}C, P \ddot{e}PIPIP_sC - C \acute{H}P_{\mu}P^{\circ}PeC \ddagger C - C - PSP^{\circ} PiP \gg C \acute{H}PePsP \cdot C \acute{r} PI C \acute{I}P_{\mu}C \ddagger C - C \acute{r}$
 $C \acute{H}P^{\circ}P \cdot C - PIP \ddot{e}PePsC \acute{H}P \ddot{e}C \acute{I}C, P^{\circ}PSPSC \sqcup C \acute{H}P_{\mu}P^{\circ}PeC, P \ddot{e}PIC \acute{r} P'P_{\mu}PSP_{\mu}PrP \ddot{e}PeC, P^{\circ}.$
 $P P_{\mu}PePsPjP_{\mu}PSP \acute{r}C \acute{r}C''C, CHC \acute{I}C \sqcup PIP \ddot{e}PePsC \acute{H}P \ddot{e}C \acute{I}C, PsPIC \acute{r}PIP^{\circ}C, P \ddot{e} C, P_{\mu}C \acute{I}C, P \ddot{e} PSP^{\circ}$
 $PiP \gg C \acute{H}PePsP \cdot C \acute{r} PSP^{\circ} PsC \acute{I}PSP_sPIC - C, P_{\mu}C \acute{H}PjP_{\mu}PSC, PSP_sC - C \acute{H}P_{\mu}P^{\circ}PeC \ddagger C - C -$
 $PsPeP \ddot{e}C \acute{I}PSP_{\mu}PSPSC \sqcup PiP \gg C \acute{H}PePsP \cdot P \ddot{e}.$

$PhC \acute{I}PsP \pm P \gg P \ddot{e}PIPsC \acute{I}C, C - P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{z}PIP^{\circ}PSPSC \sqcup.$

$P''P \gg C \sqcup PiP^{\circ}C \ddagger C - C''PSC, C - PI C - P \cdot PIP \ddot{e}C \acute{I}PsPeP \ddot{e}Pj C \acute{H}P \ddot{e}P \cdot P \ddot{e}PePsPj C, C \sqcup P \P PeP \ddot{e}C \dots$
 $C - PSC, P_{\mu}PeC \ddagger C - P \P (PSP^{\circ}PiC \acute{H}P \ddot{e}PeP \gg P^{\circ}Pr, Cr PiP^{\circ}C \ddagger C - C''PSC, C - PI, C \sqcup PeC - PjP^{\circ}C \acute{H}C, CH PI$
 $P^{\circ}PSP^{\circ}PjPSP_{\mu}P \cdot C - C, C \acute{H}P^{\circ}PSC \acute{I}PiP \gg P^{\circ}PSC, P^{\circ}C \ddagger C - C \acute{H} PeC - C \acute{I}C, PePsPIPsPiPs PjPsP \cdot PeC \acute{r} PiC \acute{H}P \ddot{e}$
 $P \cdot PSP \ddot{e}P \P P_{\mu}PSC - P \P \P PsPiPs P^{\circ}PeC, P \ddot{e}PIPIP_sC \acute{I}C, C -, C \% Ps PIC - PrP \pm CrPIP^{\circ}C''C, CHC \acute{I}C \sqcup PSP^{\circ}$
 $C, P \gg C - P \cdot P \gg PsC \sqcup PeC - C \acute{I}PSP_sC - PiP_{\mu}PjPsP \gg C - C, P \ddot{e}C \ddagger PSP_sC - PiP^{\circ}C, PsP \gg PsPiC - C - P \cdot$
 $C, C \sqcup P \P PePsC \acute{H} PiC \acute{H}PsPiC \acute{H}P_{\mu}C \acute{I}C \acute{r}C \acute{H}C \ddagger PsC \acute{H} PSP_{\mu}P \P C, C \acute{H}PsPiP_{\mu}PSC - C''C \acute{H})$
 $PjPsPSP_sC, P_{\mu}C \acute{H}P^{\circ}PiC - C \sqcup PjPsP \P P_{\mu} P \pm CrC, P \ddot{e} PSP_{\mu}PrPsC \acute{I}C, P^{\circ}C, PSCHPsC \acute{H}, C, PsPjC \acute{r}$
 $PiPsPeP^{\circ}P \cdot P^{\circ}PSP^{\circ} PePsPjPiP \gg P_{\mu}PeC \acute{I}PSP^{\circ} P^{\circ}PSC, P \ddot{e}PjC - PeC \acute{H}PsP \pm PSP^{\circ} C, P_{\mu}C \acute{H}P^{\circ}PiC - C \sqcup.$

$P \acute{k}P_{\mu}PsP \pm C \dots C - PrPSP_s C, PsC \ddagger PSP_s PIP \ddot{e}P \cdot PSP^{\circ}C \ddagger P \ddot{e}C, P \ddot{e}, C \ddagger P \ddot{e} PIC - PrP \cdot PSP^{\circ}C \ddagger P^{\circ}P \gg P \ddot{e}C \acute{I}C \sqcup$
 $C \acute{H}P^{\circ}PSC - C \in P_{\mu} Cr C \dots PIP_sC \acute{H}PsPiPs C \acute{H}P_{\mu}P^{\circ}PeC \ddagger C - C - PiC - PiP_{\mu}C \acute{H}C \ddagger CrC, P \gg P \ddot{e}PIPsC \acute{I}C, C -$
 $PSP_{\mu}PiP^{\circ}P \P PSP_sPiPs C, P \ddot{e}PiC \acute{r} PSP^{\circ} C \ddagger P_{\mu}C, P_{\mu}PiC - Pj, C \ddagger P_{\mu}C, P^{\circ}P \gg PsC \acute{I}PiPsC \acute{H}P \ddot{e}PSP \ddot{e},$
 $PiP_{\mu}PSC - C \ddagger P \ddot{e}P \gg C - PSP \ddot{e} P^{\circ}P \pm Ps C - PSC \in C - \beta - P \gg P^{\circ}PeC, P^{\circ}PjPSC - P^{\circ}PSC, P \ddot{e}P \pm C - PsC, P \ddot{e}PeP \ddot{e}.$
 $P \acute{h}PSC, P \ddot{e}P \pm C - PsC, P \ddot{e}PeP \ddot{e} PIP^{\circ}C \acute{H}C, Ps P \cdot PsP \pm P_{\mu}C \acute{H}P_{\mu}P \P PSC - C \acute{I}C, C \acute{H} PiC \acute{H}P \ddot{e}P \cdot PSP^{\circ}C \ddagger P^{\circ}C, P \ddot{e}$
 $PIC \acute{I}C - Pj C \dots PIP_sC \acute{H}P \ddot{e}Pj C - P \cdot P \pm CrPrC \acute{H} - C \sqcup PeP \ddot{e}PjP \ddot{e} C, PsC \acute{H}PjP^{\circ}PjP \ddot{e} P^{\circ}P \gg P_{\mu}C \acute{H}PiC - C -,$
 $PsC \acute{I}PsP \pm P \gg P \ddot{e}PIPs PSP^{\circ} P \gg C - PeP^{\circ}C \acute{H}C \acute{I}C \acute{H}PeC - P \cdot P^{\circ}C \acute{I}PsP \pm P \ddot{e}. P_{\mu}C \acute{H}P \ddot{e} PiPsC \sqcup PIC -$
 $P^{\circ}P \gg P_{\mu}C \acute{H}PiC - C \ddagger PSP_sC - C \acute{H}P_{\mu}P^{\circ}PeC \ddagger C - C - P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \sqcup PiC \acute{H}P_{\mu}PiP^{\circ}C \acute{H}P^{\circ}C, Cr$
 $C \acute{I}P \gg C - Pr PiC \acute{H}P \ddot{e}PiP \ddot{e}PSP \ddot{e}C, P \ddot{e}. P \acute{Y}P_{\mu}C \acute{H}P \P PsP \cdot PSC - C \acute{H}P_{\mu}P^{\circ}PeC \ddagger C - C -$
 $PiC - PiP_{\mu}C \acute{H}C \ddagger CrC, P \gg P \ddot{e}PIPsC \acute{I}C, C - PSP_{\mu}PiP^{\circ}P \P PSP_sPiPs C, P \ddot{e}PiC \acute{r} PjPsP \P CrC, CH$
 $PIP \ddot{e}PjP^{\circ}PiP^{\circ}C, P \ddot{e} P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \sqcup P^{\circ}PrC \acute{H}P_{\mu}PSP^{\circ}P \gg C - PSC \acute{r} C, P^{\circ} C - PSC \in P \ddot{e}C \dots$
 $C, PsC \acute{H}Pj C, P_{\mu}C \acute{H}P^{\circ}PiC - C -.$

$P_{\mu}C \acute{H}P \ddot{e} P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC - PjP^{\circ}P \P P \P PIC \acute{I}C - C \dots P^{\circ}PSC, P \ddot{e}P \pm C - PsC, P \ddot{e}PeC - PI$
 $C \in P \ddot{e}C \acute{H}PsPePsPiPs C \acute{I}PiP_{\mu}PeC, C \acute{H}P^{\circ} PrC - C - PiPsPIC - PrPsPjP \gg C \sqcup P \gg PsC \acute{I}C \sqcup PiC \acute{H}Ps$
 $PIP \ddot{e}PiP^{\circ}PrPeP \ddot{e} PiC \acute{I}P_{\mu}PIPrPsPjP_{\mu}PjP \pm C \acute{H}P^{\circ}PSP_sP \cdot PSP_sPiPs PePsP \gg C - C, Cr. P \acute{Y}PsPjC \acute{r}$
 $PIP^{\circ}P \P P \gg P \ddot{e}PIPs PIC \acute{H}P^{\circ}C \dots PsPIC \acute{r}PIP^{\circ}C, P \ddot{e} PjPsP \P P \gg P \ddot{e}PIC - C \acute{I}C, CH C \acute{H}PsP \cdot PIP \ddot{e}C, PeC \acute{r} C \ddagger C - C''C -$
 $PiP^{\circ}C, PsP \gg PsPiC - C - Cr C \acute{H}P^{\circ}P \cdot C - PIP \ddot{e}PSP \ddot{e}PePSP_{\mu}PSPSC \sqcup PrC - P^{\circ}C \acute{H}P_{\mu}C - PiC - Pr C \ddagger P^{\circ}C \acute{I}$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \sqcup C \ddagger P_{\mu}C, P_{\mu}PiC - PjPsPj. P \acute{H}PsP \P P \gg P \ddot{e}PIP \ddot{e}P \P$
 $PiC \acute{I}P_{\mu}PIPrPsPjP_{\mu}PjP \pm C \acute{H}P^{\circ}PSP_sP \cdot PSP \ddot{e}P \P PePsP \gg C - C, PIC - Pr P \gg P_{\mu}PiPePsC - PrC - P^{\circ}C \acute{H}P_{\mu}C -$
 $PrPs PePsP \gg C - C, Cr P \cdot P \gg P_{\mu}C, P^{\circ}P \gg CHPSP \ddot{e}Pj PSP^{\circ}C \acute{I}P \gg C - PrPePsPj. P \gg P_{\mu}PiPeC - C, PsC \acute{H}PjP \ddot{e}$
 $PePsP \gg C - C, Cr P \pm CrP \gg P \ddot{e} PsP \pm PsC \acute{H}PsC, PSC - C - P \cdot PSP \ddot{e}PeP^{\circ}P \gg P \ddot{e} PiC - C \acute{I}P \gg C \sqcup$

РiСҗРёРiРёPSPµPSPSCЦ P·P°CГC,PsCГCрPIP°PSPSCЦ C†PµC,,PµPіC-PjCр; PіPsPjC-CҗPSC-
P°P±Ps C,ЦIP¶PeC- CГC,P°PSPё PjPsP¶CрC,Ch PіPsC,CҗPµP±CрPIP°C,Pё
CГPіPµC†C-P°P»CHBPSPsPiPs P»C-PeCрPIP°PSPSCЦ.

P— PsP±PµCҗPµP¶PSC-CГC,Cҗ P·P°CГC,PsCГPсPICрPIP°C,Pё PіP°C†C-C”PSC,P°Pj C-P·
P·P°C...PIPсCҗCҗPIP°PSPSCЦPjPё C,CҗP°PIPSPsPiPs C,CҗP°PeC,Cр, PsCГPсP±P»PёPIPs
PePsP»C-C,PсPj.

PµCҗPё C,CҗPёPIP°P»PsPjCр P»C-PeCрPIP°PSPSC- PSPµPsP±C...C-PrPSPs
CҗPµPіCрP»CЦCҗPSPs PePsPSC,CҗPsP»CҗPIP°C,Pё C,,CрPSPeC†C-PsPSP°P»CHBPSC-
PіPsPeP°P·PSPёPePё PіPµC†C-PSPePё, PSPёCҗPsPe C,P° PsCҗPіP°PSC-PI PіPµPjPsPіPsPµP·Cр.

PµP°C†C-C”PSC,P°Pj C-P· PіPsCҗCрCёPµPSPSCЦPjPё C,,CрPSPeC†C-C— PSPёCҗPsPe
(PeP»C-CҗPµPSCГ PeCҗPµP°C,PёPSC-PSCр ≤60 PjP»/C...PI) PrPsP·Cр C†PµC,,PµPіC-PjCр
CГP»C-Pr PIC-PrPePsCҗPёPіCрPIP°C,Pё, C%PsP± PePsPjPіPµPSCГCрPIP°C,Pё
PіPsPIC-P»CHBPSCр CёPIPёPrPeC-CГC,Ch PSPёCҗPePsPIPsPiPs PIPёPIPµPrPµPSPSCЦ.
PhCГPeC-P»CHPePё PіCҗPsP»PsPSPiPsPIP°PSC- PePsPSC†PµPSC,CҗP°C†C-C—
P°PSC,PёP±C-PсC,PёPeP° Cр CГPёCҗPsPIP°C,C†C- PjPsP¶P»PёPIC- PіCҗPё
P·PIPёC†P°P№PSPёC... PrPsP·P°C... Cр PіP°C†C-C”PSC,C-PI P· PSPёCҗPePsPIPsCҗ
PSPµPrPsCГC,P°C,PSC-CГC,Cҗ P°P±Ps C-PSCёPёPjPё CГC,P°PSP°PjPё, ЦIPeC- PjPsP¶CрC,Ch
PіPsPіC-CҗCёPёC,Pё C,,CрPSPeC†C-C— PSPёCҗPsPe, PіC-PrC,CҗPёPjCрCҗC†Cр PrPsP·Cр
PіPsC,CҗC-P±PSPs P·PSPёP·PёC,Pё PіCҗPё PIPіPµPrPµPSPSC- C†PµC,,PµPіC-PjCр C,P°PePёPj
PіP°C†C-C”PSC,P°Pj. PҗC,CрPіC-PSCH PіPsCҗCрCёPµPSPSCЦ C,,CрPSPeC†C-C— PSPёCҗPsPe,
C,ЦIP¶PeC-CГC,Ch C-PSC,,PµPeC†C-C— C- CГPіCҗPёP№PSCЦC,P»PёPIPsCГC,C- PrPs
PsCҗPіP°PSC-P·PjC-PI, ЦIPeC- CГPіCҗPёC†PёPSPёP»Pё C-PSC,,PµPeC†C-Cҗ, CГP»C-Pr
PICҗP°C...PsPICрPIP°C,Pё PіCҗPё PIPёP·PSP°C†PµPSPSC- PSP°CГC,CрPіPSPсC— PrPsP·Pё.

PµCҗPё P·P°CГC,PsCГCрPIP°PSPSC- C†PµC,,PµPіC-PjCр, ЦIPe C- PіCҗPё
P·P°CГC,PsCГCрPIP°PSPSC- C-PSCёPёC... PіCҗPµPіP°CҗP°C,C-PI C†C-C”C— PіCҗCрPіPё,
CГPµCҗP№PsP·PSC- PіPsP±C-C†PSC- CҗPµP°PeC†C-C—, C,P°PeC- ЦIPe PsP±PsCҗPsC,PSP°
PµPSC†PµC,,P°P»PsPіP°C,C-ЦI (CГPіP»CрC,P°PSC-CГC,Ch CГPIC-PrPsPjPsCГC,C-, Cр C,PсPjCр
C†PёCГP»C- P·P°C,ChPjP°CҗPµPSPSCЦ CГPIC-PrPsPjPsCГC,C-), PjC-PsPeP»PsPSC-ЦI,
CГCрPrPsPjPё C,P°/P°P±Ps PSPёCҗPePsPIP° PSPµPrPsCГC,P°C,PSC-CГC,Ch,
CГPіPsCГC,PµCҗC-PіP°P»PёCГCЦ PSP°P№C†P°CГC,C-CёPµ Cр PіP°C†C-C”PSC,C-PI P·
PSPёCҗPePsPIPsCҗ PSPµPrPsCГC,P°C,PSC-CГC,Cҗ, ЦIPeC- PsC,CҗPёPjCрPIP°P»Pё PrPsP·Pё
PіCҗPµPіP°CҗP°C,Cр, C%Ps PіPµCҗPµPIPёC%CрPIP°P»Pё CҗPµPePsPjPµPSPPrPsPIP°PSC-, C,P°
Cр PіP°C†C-C”PSC,C-PI P»C-C,PSCHPsPiPs PIC-PeCр P· PSPёCҗPePsPIPsCҗ
PSPµPrPsCГC,P°C,PSC-CГC,Cҗ PSP° C,P»C- CҗPµPePsPjPµPSPPrPsPIP°PSPёC... PrPsP·
C†PµC,,PµPіC-PjCр. P”PµЦIPeC- PIPёPіP°PrPePё C,CҗP°PіP»CЦP»PёCГCH Cр
PіP°C†C-C”PSC,C-PI, ЦIPeC- PsC,CҗPёPjCрPIP°P»Pё PrPsP·Pё, C%Ps P±CрP»Pё
CГPePsCҗPёPіPsPIP°PSC- P· CрCҗP°C...CрPIP°PSPSCЦPj C,,CрPSPeC†C-C— C—C... PSPёCҗPsPe.
Pj P±C-P»CHCёPsCГC,C- PIPёPіP°PrPeC-PI CГPёPjPіC,PсPjPё
PSPµC,,CҗPsC,PsPeCГPёC†PSPсCГC,C- P±CрP»Pё PsP±PsCҗPsC,PSC- C- P·PSPёPeP°P»Pё
PіC-CГP»CЦ PіCҗPёPіPёPSPµPSPSCЦ P·P°CГC,PsCГCрPIP°PSPSCЦ C†PµC,,PµPіC-PjCр
C,P°/P°P±Ps PіC-CГP»CЦ PіPµPjPsPrC-P°P»C-P·Cр.

PµP°CҗPjP°PePsPeC-PSPµC,PёPeP° C†PµC,,PµPіC-PjCр Cр C...PIPсCҗPёC... C-P·
PіPsCҗCрCёPµPSPSCЦPjPё C,,CрPSPeC†C-C— PіPµC†C-PSPePё PSPµ P·PjC-PSPµPSP°.
PµPsCҗPёPіCрPIP°PSPSCЦ PrPsP·Pё PrP»CЦ C,P°PePёC... C...PIPсCҗPёC... PSPµ
PіPsC,CҗC-P±PSPµ.

P—P°CГC,PsCГCрPIP°PSPSCЦ P°PSC,PёP±P°PeC,PµCҗC-P°P»CHBPSPёC... P·P°CГPсP±C-PI

P—P°CÍ'C,PsCÍ'PsPICr'CHC±Pë PrC-C,CÍPj P»C-PrPsPeP°C—PS CÍPe CĤPsP·C±PëPSPSPëPe,
CÍP»C-Pr P±CĤP°C,Pë PrPs CrPIP°PiPë C-PSC,,PsCĤPjP°C†C-CH P· P±PμP·PiPμPePë
P»C-PrPsPeP°C—PSCr'.

P'CÍP»Ps PrPsPIPμPrPμPSPs, C%oPs L-P°CĤPiC-PSC-PS P·PjC-PSCĤC" PjPμC,P°P±PsP»C-P·Pj
PiP»CHPePsP·Pë C,P° PsPrPSPsC±P°CÍ'PSPs P·P±C-P»CHC€CÍ'C" CĤC-PIPμPSCĤ PeP°P»C-CH Cr
CÍPëCĤPsPIP°C,C†C- PeCĤPsPIC- PiCĤPë P·P°CÍ'C,PsCÍ'CrPIP°PSPSC- PrPsP·, CÍPeC- Cr 33
CĤP°P·Pë PiPμCĤPμPIPëC%oCÍ'CHC,CH PjP°PeCÍ'PëPjP°P»CHPSCr
CĤPμPePsPjPμPSPPrPsPIP°PSCr PrPsP·Cr C†PμC,,PμPiC-PjCÍ'. P·C,,PμPeC,Pë PiCĤPë P±C-P»CHC€
PSPëP·CHPePëC... PrPsP·P°C... PrPsC,PμPiPμCĤ PSPμPIC-PrPsPjC-.

P—P°CÍ'C,PsCÍ'C¿PIP°PSPSCÍ C¿ PiPμCĤC-PsPr PIP°PiC-C,PSPsCÍ'C,C- P°P±Ps
PiPsPrC¿PIP°PSPSCÍ PiCĤC¿PrPrCH.

PĥPrPμPePIP°C,PSPëC... C- PrPsP±CĤPμ PePsPSC,CĤPsP»CHPsPIP°PSPëC...
PrPsCÍ'P»C-PrP¶PμPSCĤ P·P° CrC±P°CÍ'C,CH PIP°PiC-C,PSPëC... P¶C-PSPsPe PSPμ
PiCĤPsPIPsPrPëP»PsCÍ'CÍ, C,PsPjCr C†PμC,,PμPiC-Pj Cr PiPμCĤC-PsPr PIP°PiC-C,PSPsCÍ'C,C-
PjPsP¶PSP° PiCĤPëP·PSP°C±P°C,Pë C,C-P»CHPePë C,PsPrC-, PePsP»Pë PsC±C-PeCÍ'PIP°PSP°
PePsCĤPëCÍ'C,CH PrP»CÍ P¶C-PSPePë PiPμCĤPμPIPëC%oCÍ'C" PiPsC,PμPSC†C-PNëPSPëPNë
CĤPëP·PëPe PrP»CÍ PiP»PsPrP°.

PiPμC,,PμPiC-Pj PiCĤPsPSPëPeP°C" Cr PiCĤCrPrPSPμ PjPsP»PsPePs Cr PrCÍ'P¶Pμ
PSPμPIPμP»PëPeC-PNë PeC-P»CHPePsCÍ'C,C-, C,PsPjCr PSP° PiPμCĤC-PsPr
P»C-PeCÍ'PIP°PSPSCÍ PiCĤPμPiP°CĤP°C,PsPj PiPsPrCÍ'PIP°PSPSCÍ PiCĤCrPrPrCH CÍ'P»C-Pr
PiCĤPëPiPëPSPëC,Pë.

P—PrP°C,PSC-CÍ'C,CH PIPiP»PëPIP°C,Pë PSP° C€PIPëPrPeC-CÍ'C,CH CĤPμP°PeC†C-C— PiCĤPë
PePμCĤC¿PIP°PSPSC- P°PIC,PsC,CĤP°PSCÍ'PiPsCĤC,PsPj P°P±Ps C-PSC€PëPjPë
PjPμC...P°PSC-P·PjP°PjPë.

PĥCÍ'PeC-P»CHPePë PiC-Pr C±P°CÍ' P»C-PeCÍ'PIP°PSPSCÍ PjPsP¶CÍ'C,CH PIPëPSPëPeP°C,Pë
PiPsP±C-C±PSC- CĤPμP°PeC†C-C— P· P±PsPeCÍ' C†PμPSC,CĤP°P»CHPSPsC—
PSPμCĤPIPsPIPsC— CÍ'PëCÍ'C,PμPjPë, CÍ'P»C-Pr CrC,CĤPëPjCrPIP°C,PëCÍ'CÍ PIC-Pr
PePμCĤCÍ'PIP°PSPSCÍ P°PIC,PsC,CĤP°PSCÍ'PiPsCĤC,PsPj P°P±Ps CĤPsP±PsC,Pë P·
C-PSC€PëPjPë PjPμC...P°PSC-P·PjP°PjPë.

PŸPiPsCÍ'C-P± P·P°CÍ'C,PsCÍ'C¿PIP°PSPSCÍ C,P° PrPsP·Pë.

P—PIPëC±P°PNëPSPμ PrPsP·CrPIP°PSPSCÍ PrP»CÍ PrPsCĤPsCÍ'P»PëC... CÍ'C,P°PSPsPIPëC,CH 1
Pi, CÍPePμ CÍ'P»C-Pr PIPsPrPëC,Pë PIPSCr'C,CĤC-C€PSCĤPsPIPμPSPSPs P°P±Ps
PIPSCr'C,CĤC-C€PSCĤPsPjBĤ™ CÍP·PsPIPs P· C-PSC,PμCĤPIP°P»PsPj Cr 12 PiPsPrPëPS.
P—PIPëC±P°PNëPSP° C,CĤPëPIP°P»C-CÍ'C,CH P»C-PeCÍ'PIP°PSPSCÍ BĤ" 7-10 PrPSC-PI,
C,CÍP¶PeC- C-PSC,,PμPeC†C-C— PjPsP¶CÍ'C,CH PiPsC,CĤPμP±CÍ'PIP°C,Pë P±C-P»CHC€
C,CĤPëPIP°P»PsPiPs P»C-PeCÍ'PIP°PSPSCÍ.

P"PsP·CrPIP°PSPSCÍ C- C€P»CÍ'C... PIPμPrPμPSPSCÍ PIP°CĤC-CHCHC,CH P·P°P»PμP¶PSPs
PIC-Pr C±CÍ'C,P»PëPIPsCÍ'C,C- PjC-PeCĤPsPsCĤPiP°PSC-P·PjC-PI-P·P±CÍ'PrPSPëPeC-PI,

CfC,CrPiPμPSCl C,CliP¶PePsCfC,C- C-PSC,,PμPeC†C-C—, P° C,P°PePsP¶
C,,CrPSPeC†C-PsPSP°P»CHPSPsPiPs CfC,P°PSCr PSPëCjPsPe C...PiPsCjPsPiPs.

P PμPePsPjPμPSPPrP°C†C-C— C%PsPrPs PrPsP·CrPIP°PSPSCl PiCjPμPiP°CjP°C,Cr PrP»Cl
PrPsCjPsCfP»PëC... PSP°PIPμPrPμPSC- Cr C,P°P±P»PëC†C- 2.

PÿP°P±P»PëC†Cl 2

PÿC,CrPiC-PSCH C,CliP¶PePsCfC,C- C-PSC,,PμPeC†C-C—	P°PsP·P° C,P° CfPiPsCfC-P± PIPIPμPrPμPSPSCl	P§P°CfC,PsC,P°
P†PSC,,PμPeC†C-C— CfPμC†PsPIPëPIC-PrPSPëC... CëP»ClC...C-PI P»PμPiPePsC— C,P° CfPμCjPμPrPSCHPsC— C,CliP¶PePsCfC,C-	500 PjPiB – 1 Pi PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs P°P±Ps PIPSCrC,CjC-CëPSCHPsPjBj™ ClP·PsPiPs	PePsP¶PSC- 12 PiPsPrPëPS
P†PSCëC- C-PSC,,PμPeC†C-C— P»PμPiPePsC— C,P° CfPμCjPμPrPSCHPsC— C,CliP¶PePsCfC,C-	1 Pi PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs P°P±Ps PIPSCrC,CjC-CëPSCHPsPjBj™ ClP·PsPiPs	PePsP¶PSC- 12 PiPsPrPëPS
PÿClP¶PeC- C-PSC,,PμPeC†C-C—	2 Pi PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs	PePsP¶PSC- 12 PiPsPrPëPS
P°CrP¶Pμ C,CliP¶PeC- C,P° P·P°PiCjPsP·P»PëPIC- PrP»Cl P¶PëC,C,Cli C-PSC,,PμPeC†C-C—	2 Pi PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs	PePsP¶PSC- 8 PiPsPrPëPS

PμCjPsC,,C-P»P°PeC,PëPeP° CjPsP·PIPëC,PeCz C-PSC,,PμPeC†C-PNë PiCjPë
PiCjPsPIPμPrPμPSPSC- C...C-CjCzCjPiC-C†PSPëC... PIC,CjCzC†P°PSCH. P—P° 60
C...PIPëP»PëPS PrPs PiPsC†P°C,PeCr C...C-CjCfCjPiC-C†PSPsC— PsPiPμCjP°C†C-C—
PrPsCjPsCfP»PëPj PIPIPsPrPëC,Pë 2 Pi PiCjPμPiP°CjP°C,Cr
PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs PiCjPsC,CliPiPsPj 30 C...PIPëP»PëPS. PμC-CfP»Cl
C†CHPsPiPs PrPsPrP°C,PePsPiPs PIPIPsPrClC,CH 500 PjPi PjPμC,CjPsPSC-PrP°P·PsP»Cr
PIPSCrC,CjC-CëPSCHPsPIPμPSPSPs. P PsP·C†PëPSPë PjPμC,CjPsPSC-PrP°P·PsP»Cr PSPμ
CfP»C-Pr PIPIPsPrPëC,Pë PsPrPSPsC†P°CfPSPs P· C†PμC,,PμPiC-PjPsPj. PÿPëCfC,PμPjCr PrP»Cl
C-PSC,,CrP·C-C— PiPμCjPμPr PIPIPμPrPμPSPSClPj PjPμC,CjPsPSC-PrP°P·PsP»Cr CfP»C-Pr
PiCjPsPjPëC,Pë.

PμC-Pr C†P°Cf C,CjPëPIP°P»PëC... (PiPsPSP°Pr 12 PiPsPrPëPS) C...C-CjCfCjPiC-C†PSPëC...
PsPiPμCjP°C†C-PNë C†PμCjPμP· 12 PiPsPrPëPS PiC-CfP»Cl PiPμCjCëPsC— PrPsP·Pë
CjPμPePsPjPμPSPPrCfC”C,CHCfCl PiPsPIC,PsCjPSPμ PIPIPμPrPμPSPSCl CjC-PIPSsC—
PrPsP·Pë PiCjPμPiP°CjP°C,Cr P· PSP°CfC,CrPiPSPëPj PIPIPμPrPμPSPSClPj
PjPμC,CjPsPSC-PrP°P·PsP»Cr.

PμPsCjCzCëPμPSPSCl C,,CzPSPeC†C-C— PSPëCjPsPe. P¶PIPsCjPëPj C-P·
PiPsCjCrCëPμPSPSClPjPë C,,CrPSPeC†C-C— PSPëCjPsPe (PeP»C-CjPμPSCf
PeCjPμP°C,PëPSC-PSCr PjPμPSCëPμ B B B B B B B B 30 PjP»/C...PI) PrPsP·Cr
PiCjPμPiP°CjP°C,Cr PSPμPsP±C...C-PrPSPs PIC-PrPePsCjPëPiCrPIP°C,Pë.

PÿP°P±P»PëC†Cl 3

P PμPePsPjPμPSPPrPsPIP°PSC- PrPsP·Pë C†PμC,,PμPiC-PjCr PrP»Cl PrPsCjPsCfP»PëC...

C,,PμP±CḡPēP»CHbPSCr PSPμPNēC,CḡPsPīPμPSC-Cḡ C,P° P±P°PeC,PμCḡC-P°P»CHbPSPēPNē PjPμPSC-PSPiC-C, bḡ“ PePsPḡPSC- 8 PiPsPrPēPS). P—PIPēC‡P°PNēPSP° C,CḡPēPIP°P»C-CḡC,CH P»C-PeCḡPIP°PSPSCḡ CḡC,P°PSPsPIPēC,CH 7-10 PrPSC-PI, C,CḡPḡPeC- C-PSC,,PμPeC†C-C— PjPsPḡCḡC,CH PIPēPjP°PiP°C,Pē P±C-P»CHbCē C,CḡPēPIP°P»PsPiPs P»C-PeCḡPIP°PSPSCḡ.

P”C-C,CḡPj P· PjP°CḡPsCḡ C,C-P»P° 40 PePi C- P±C-P»CHbCēPμ C†PμC,,PμPiC-Pj PīCḡPēP·PSP°C‡P°C,Pē CḡPe PrPsCḡPsCḡP»PēPj.

*P’PIPμPrPμPSPSCḡ PīCḡPμPīP°CḡP°C,Cḡ. PμCḡPμPīP°CḡP°C, PjPsPḡPSP° PIPiPsPrPēC,Pē PIPSCḡC,CḡC-CēPSCḡPsPIPμPSPSPs P°P±Ps P·P° PrPsPīPsPjPsPiPsCḡ PiP»PēP±PsPePsC— PIPSCḡC,CḡC-CēPSCḡPsPjḡḡ CḡP·PsPIPSC— C-PS’C”PeC†C-C— Cḡ PIPμP»PēPeCḡ Pjḡḡ CḡP·PsPICḡ PjP°CḡCḡ (PSP°PīCḡPēPeP»P°Pr, Cḡ PIPμCḡC...PSC-PNē P·PsPIPSC-CēPSC-PNē PePIP°PrCḡP°PSC, CḡC-PrPSPēC‡PSPsPiPs Pjḡḡ CḡP·P° bḡ“ *gluteus maximus*).*

P’PSCḡC,CḡC-CēPSCḡPsPIPμPSPSPμ PIPiPμPrPμPSPSCḡ.

P’PSCḡC,CḡC-CēPSCḡPsPIPμPSPSPēPNē CēP»CḡC... PIPiPμPrPμPSPSCḡ PeCḡP°C%oPēPNē PrP»Cḡ C...PIPSCḡPēC... C-P· C,CḡPḡPePēPjPē P°P±Ps P·P°PiCḡPsP·P»PēPIPēPjPē PrP»Cḡ PḡPēC,C,Cḡ C-PSC,,PμPeC†C-CḡPjPē.

PμCḡPē PIPSCḡC,CḡC-CēPSCḡPsPIPμPSPSPsPjCḡ PIPiPμPrPμPSPSC- C†PμC,,PμPiC-Pj CḡPsP·C‡PēPSCḡC,Pē Cḡ CḡC,PμCḡPēP»CHbPSC-PNē PIPsPrC- PrP»Cḡ C-PSḡḡ C”PeC†C-PNē, Cḡ 5 % CḡPsP·C‡PēPSC- PiP»CḡPePsP·Pē PrP»Cḡ C-PSḡḡ C”PeC†C-PNē P°P±Ps 0,9 % CḡPsP·C‡PēPSC- PSP°C,CḡC-Cḡ C...P»PsCḡPēPrCḡ, CḡPe P·P°P·PSP°C‡PμPSPs Cḡ C,P°P±P»PēC†C- 4. P’PIPsPrPēC,Pē PIPSCḡC,CḡC-CēPSCḡPsPIPμPSPSPs PīPsPIC-P»CHbPSPs PīCḡPsC,CḡPiPsPj 3-5 C...PIPēP»PēPS P°P±Ps C‡PμCḡPμP· CḡPēCḡC,PμPjCḡ PrP»Cḡ PIPSCḡC,CḡC-CēPSCḡPsPIPμPSPSPsPiPs PIPiPμPrPμPSPSCḡ.

P’PSCḡC,CḡC-CēPSCḡPsPjḡḡ CḡP·PsPIPμ PIPiPμPrPμPSPSCḡ. PμCḡPμPīP°CḡP°C, PjPsPḡPSP° CḡPsP·C‡PēPSCḡC,Pē Cḡ CḡC,PμCḡPēP»CHbPSC-PNē PIPsPrC- PrP»Cḡ C-PSḡḡ C”PeC†C-PNē, 0,9 % CḡPsP·C‡PēPSC- PSP°C,CḡC-Cḡ C...P»PsCḡPēPrCḡ PrP»Cḡ C-PSḡḡ C”PeC†C-PNē, 5 % CḡPsP·C‡PēPSC- PiP»CḡPePsP·Pē PrP»Cḡ C-PSḡḡ C”PeC†C-PNē, P±P°PeC,PμCḡC-PsCḡC,P°C,PēC‡PSC-PNē PIPsPrC- PrP»Cḡ C-PSḡḡ C”PeC†C-PNē P· PīP°CḡP°P±PμPSPsPj P°P±Ps P±PμPSP·PēP»PsPIPēPj CḡPīPēCḡC,PsPj, 0,5 % P°P±Ps 1 % CḡPsP·C‡PēPSC- P»C-PrPsPeP°C—PSCḡ PiC-PrCḡPsC...P»PsCḡPēPrCḡ Cḡ PePsPSC†PμPSC,CḡP°C†C-CḡC..., C%oPs PIPeP°P·P°PSC- Cḡ C,P°P±P»PēC†C- 4.

PμCḡPē P·P°CḡC,PsCḡCḡPIP°PSPSC- P»C-PrPsPeP°C—PSCḡ CḡPe CḡPsP·C‡PēPSPSPēPeP° PīPμCḡPμPr PIPiPμPrPμPSPSCḡPj CḡP»C-Pr P·CḡPsP±PēC,Pē CēPeC-CḡPSCḡ PīCḡPsP±Cḡ PSP° PNēPsPiPs PīPμCḡPμPSPsCḡPēPjC-CḡC,CHb.

PŷP°P±P»PēC†Cḡ 4

PēP»CḡC... PIPiPμPrPμPSPSCḡ	PḡP±ḡḡ C”Pj CḡPsP·C‡PēPSCḡ PrP»Cḡ CḡPsP·PIPμPrPμPSPSCḡ (PjP»)	PμCḡPēP±P»PēP·PSPēPNē PsP±ḡḡ C”Pj PsC,CḡPēPjP°PSPsPiPs CḡPsP·C‡PēPSCḡ (PjP»)
<i>P’PSCḡC,CḡC-CēPSCḡPsPIPμPSPSPμ PIPiPμPrPμPSPSCḡ:</i> 1 Pi/C,,P»P°PePsPS	10	11,4
<i>P’PSCḡC,CḡC-CēPSCḡPsPjḡḡ CḡP·PsPIPμ PIPiPμPrPμPSPSCḡ:</i> 1 Pi/C,,P»P°PePsPS	3	4,4

PīPe C- C-PSCēC- P»C-PeP°CḡCḡCHbPeC- P·P°CḡPsP±Pē, C%oPs

P·P°CÍC,PsCÍPsPICíCĤC,CHCÍCÍ PíP°CĤPμPSC,PμCĤP°P»CHBPSPs, PíCĤPëPiPsC,PsPIP»PμPSC-
CĤPsP·C±PëPSPë PíCĤPμPíP°CĤP°C,CÍ PíPμCĤPμPr PíPíPμPrPμPSPSCÍPj PSPμPsP±C...C-PrPSPs
PíPμCĤPμPIC-CĤCÍC,Pë PSP° PIC-PrCÍCÍC,PSC-CÍC,CH PjPμC...P°PSC-C±PSPëC...
PIPeP»CĤC±PμPSCĤ.

P°P»CÍ C-PrPμPSC,PëC,,C-PeP°C†C-C— PjC-PeCĤPsPsCĤPíP°PSC-P·PjCÍ-P·P±CÍPrPSPëPeP°
(P·P±CÍPrPSPëPeC-PI) C- PíPëP·PSP°C±PμPSPSCÍ C±CÍC,P»PëPíPsCÍC,C- PrPs
C†PμC,,PμPíC-PjCÍ CÍP»C-Pr P·CĤPsP±PëC,Pë PIC-PrPíPsPIC-PrPSC-
PjC-PeCĤPsP±C-PsP»PsPiC-C±PSC- PrPsCÍP»C-PrP¶PμPSPSCÍ. PhPrPSP°Pe C†PμC,,PμPíC-Pj
PjPsP¶PSP° P·P°CÍC,PsCÍPsPICíPIP°C,Pë CÍPe PjPsPSPsC,PμCĤP°PíC-CĤ C%Ps PrPs
C-PrPμPSC,PëC,,C-PeP°C†C-C— PjC-PeCĤPsPsCĤPíP°PSC-P·PjCÍ-P·P±CÍPrPSPëPeP°, C,PsPjCÍ
C%Ps PIC-PS PjP°C” CëPëCĤPsPePëPNë CÍPíPμPeC,CĤ
P°PSC,PëP±P°PeC,PμCĤC-P°P»CHBPSPsC— PrC-C— C%PsPrPs PíCĤP°PjPíPsP·PëC,PëPíPSPëC...
C- PíCĤP°PjPSPμPíP°C,PëPíPSPëC... PjC-PeCĤPsPsCĤPíP°PSC-P·PjC-PI. Pj C...PíPsCĤPëC... C-P·
CĤPëP·PëPePsPj P·PjC-CëP°PSPsC— P°PμCĤPsP±PSPsC—/P°PSP°PμCĤPsP±PSPsC—
(PIPeP»CĤC±P°CĤC±Pë *Bacteroides fragilis*) C-PSC,,PμPeC†C-C— PrPs
C-PrPμPSC,PëC,,C-PeP°C†C-C— P·P±CÍPrPSPëPeP° PjPsP¶PSP° CĤPsP·PíPsC±PëPSP°C,Pë
P»C-PeCÍPIP°PSPSCÍ C†PμC,,PμPíC-PjPsPj CÍ PePsPjP±C-PSP°C†C-C— P· PíCĤPμPíP°CĤP°C,PsPj,
C%Ps PíPíP»PëPíP°C” PSP° P°PSP°PμCĤPsP±Pë.

P°C-C,Pë.

P—P°CÍC,PsCÍPsPICíPIP°C,Pë PrC-C,CÍPj PIC-PePsPj PIC-Pr 1 PjC-CÍCÍC†CÍC.

PμPμCĤPμPrPsP·C±PIP°PSPSCÍ.

PŸPëPjPíC,PsPjPë. Pj CĤP°P·C- P·PSP°C±PSPsPiPs PíPμCĤPμPíPëC%PμPSPSCÍ
CĤPμPePsPjPμPSPPrPsPIP°PSPëC... PrPsP·, PsCÍPsP±P»PëPíPs CÍ C...PíPsCĤPëC... C-P·
PíPsCĤCÍCëPμPSPSCÍPjPë C,,CÍPSPeC†C-C— PSPëCĤPsPe, PíPsCÍPëP»CĤCĤC,CHCÍCÍ
PíCĤPsCÍPIPë PíPsP±C-C±PSPëC... CĤPμP°PeC†C-PNë. PŸPëPjPíC,PsPjPë
PíPμCĤPμPrPsP·CÍPIP°PSPSCÍ PíPeP»CĤC±P°CĤC,CH PμPSC†PμC,,P°P»PsPíP°C,C-CĤ, C%Ps
CÍCÍPíCĤPsPíPsPrP¶CÍC”C,CHCÍCÍ PíP°P»CĤC†PëPSP°C†C-CÍPjPë, PíPsCĤCÍCëPμPSPSCÍPj
CÍPIC-PrPsPjPsCÍC,C-, CÍC,CÍPíPsCĤPsPj, PePsPjPsCĤ; PjC-PsPeP»PsPSC-CĤ;
PμPíC-P»PμPíC,PsC,,PsCĤPjPSC- PSP°PíP°PrPë; PSPμPNëCĤPsPjPj™ CÍP·PsPICí
P·P±CÍPrP»PëPIC-CÍC,CH.

P>C-PeC±PIP°PSPSCÍ. PŸP»C-Pr PíCĤPëPíPëPSPëC,Pë PíPíPμPrPμPSPSCÍ PíCĤPμPíP°CĤP°C,CÍ,
PíCĤPsPíPμCÍC,Pë CÍPëPjPíC,PsPjP°C,PëC±PSCÍ C,PμCĤP°PíC-CĤ. P—P°CÍC,PsCÍCÍPIP°PSPSCÍ
PíPμPjPsPrC-P°P»C-P·CÍ PíCĤPëCÍPëPsCĤCĤ” PíPëPrP°P»PμPSPSCÍ C†PμC,,PμPíC-PjCÍ P·
PsCĤPíP°PSC-P·PjCÍ, PíPμCĤPëC,PsPSPμP°P»CHBPSPëPNë PrC-P°P»C-P·
PjP°P»PsPμC,,PμPeC,PëPíPSPëPNë. PŸCÍP¶PíC- P°P»PμCĤPíC-C±PSC- CĤPμP°PeC†C-C—
PSPμPíP°PNëPSPsPiPs C,PëPíCÍ PíPsC,CĤPμP±CÍCĤC,CH P·P°CÍC,PsCÍCÍPIP°PSPSCÍ
P°PrCĤPμPSP°P»C-PSCÍ C,P° C-PSCëPëC... C,,PsCĤPj C-PSC,PμPSCÍPëPíPSPsC—
C,PμCĤP°PíC-C—.

PμPsP±C-C±PSC- CĤPμP°PeC†C-C—.

$$\text{PrPsCl}^{\prime}\text{C}, \text{PiP}^{\circ}\text{CHPePuC}, \text{PëPSPiSPIC}-\text{PrPsCl}^{\prime}\text{P}\gg\text{C}-\text{PrP}^{\parallel}\text{PuPSPSCII}:$$

вҒ“ РµPSC†РµC,,P°P»PsPіP°C,C-СІ (PIC,CҒP°C,P° CҒPIC-PrPsPjPsCҒC,C-,
PiP°P»CҒC†PёPSP°C†C-C—, CҒC,CҒPiPsCҒ, PePsPjP°), РµPiC-P»РµPiC,PsC,,PsCҒPjPSC-
PSP°PiP°PrPё, PjC-PsPeP»PsPSC-СІ, PSPёCҒPePsPIP° PSPµPrPsCҒC,P°C,PSC-CҒC,CH;

вҒ“ P°PSP°C,,C-P»P°PeCҒC-СІ, CҒ C,PsPjCҒ C‡PёCҒP»C- P°PSP°C,,C-P»P°PeC,PёC‡PSPёPNё
CёPsPe, C,CҒP°PSP·PёC,PsCҒPSP° P»РµPNёPePsPiРµPSC-СІ, PSPµPNёC,CҒPsPiРµPSC-СІ,
P°PiCҒP°PSCҒP»PsC†PёC,PsP· C,P° C,CҒPsPjP±PsC†PёC,PsPiРµPSC-СІ.

P»P°P±PsCҒP°C,PsCҒPSC- PiPsPeP°P·PSPёPePё: P·P±C-P»CHCёPµPSPSCІ CҒC-PIPSCІ
P°P»P°PSC-PSP°PjC-PSPsC,CҒP°PSCҒC,,РµCҒP°P·Pё,
P°CҒPiP°CҒC,P°C,P°PjC-PSPsC,CҒP°PSCҒC,,РµCҒP°P·Pё, P»CҒP¶PSPsC— C,,PsCҒC,,P°C,P°P·Pё,
P·P°PiP°P»CHPSPsPiPs P±C-P»C-CҒCҒP±C-PSCҒ, P°PSPµPjC-СІ, РµPsP·PёPSPsC,,C-P»C-СІ,
P·P±C-P»CHCёPµPSPSCІ PiCҒPsC,CҒPsPjP±C-PSPsPIPsPiPs C‡P°CҒCҒ P°P±Ps
PiP°CҒC†C-P°P»CHPSPsPiPs C,CҒPsPjP±PsPiP»P°CҒC,PёPSPsPIPsPiPs C‡P°CҒCҒ (РµPҒPҒ) C-
PiPsP·PёC,PёPIPSPёPNё CҒРµP·CҒP»CHC,P°C, C,РµCҒC,CҒ PҒCҒPjP±CҒP° P±РµP·
PiРµPjPsP»C-P·CҒ. PҒPёPjC‡P°CҒPsPIPµ P·P±C-P»CHCёPµPSPSCІ P°P·PsC,CҒ
CҒРµC‡PsPIPёPSPё PeCҒPsPIC- C,P°/P°P±Ps PeCҒРµP°C,PёPSC-PSCҒ CҒPёCҒPsPIP°C,PePё C-
C,CҒP°PSP·PёC,PsCҒPSP° C,CҒPsPjP±PsC†PёC,PsPiРµPSC-СІ PIC-PrP·PSP°C‡P°P»PёCҒCІ CҒ
PjРµPSCё PSC-P¶ 0,5 % C...PIPсCҒPёC.... PҒP°PePsP¶ PIC-PrP·PSP°C‡P°P»PёCҒCІ
C,CҒP°PSP·PёC,PsCҒPSP° P»РµPNёPePsPiРµPSC-СІ C- PSPµPNёC,CҒPsPiРµPSC-СІ.

РҒPsP¶P»PёPIC- PiPsP±C-C‡PSC- CҒРµP°PeC†C-C—, C...P°CҒP°PeC,РµCҒPSC- PrP»СІ
P°PSC,PёP±C-PsC,PёPeC-PI PiCҒCҒPiPё C†РµC,,P°P»PsCҒPiPsCҒPёPSC-PI: CҒPёPSPҒCҒPsPj
PҒC,C-PIPµPSCҒP°-P°P¶PsPSCҒPsPSP°, PjCҒP»CHC,PёC,,PsCҒPjPSP° РµCҒPёC,РµPjP°,
C,PsPeCҒPёC‡PSPёPNё РµPiC-PrРµCҒPjP°P»CHPSPёPNё PSPµPeCҒPsP»C-P·, C,PsPeCҒPёC‡PSP°
PSPµC,,CҒPsPiP°C,C-СІ, P°PiP»P°CҒC,PёC‡PSP° P°PSPµPjC-СІ, PiРµPjPsP»C-C,PёC‡PSP°
P°PSPµPjC-СІ, PeCҒPsPIPsC,РµC‡C-, PiPsCҒCҒCёPµPSPSCІ C,,CҒPSPeC†C-C— PiРµC‡C-PSPePё,
C...PsP»РµCҒC,P°P·, PiP°PSC†PёC,PsPiРµPSC-СІ.

PҒРµCҒPjC-PS PiCҒPёPrP°C,PSPsCҒC,C-. 2 CҒPsPePё.

РќРµ P·P°CҒC,PsCҒPsPICҒPIP°C,Pё PiC-CҒP»СІ P·P°PeC-PSC‡РµPSPSCІ C,РµCҒPjC-PSCҒ
PiCҒPёPrP°C,PSPsCҒC,C-, P·P°P·PSP°C‡РµPSPsPiPs PSP° CҒPiP°PePsPIC†C-.

PjPjPsPIPё P·P±РµCҒC-PiP°PSPSCІ.

P—P±РµCҒC-PiP°C,Pё CҒ PSPµPrPsCҒC,CҒPiPSPsPjCҒ PrP»СІ PrC-C,РµPNё PjC-CҒC†C-.

P—P±РµCҒC-PiP°C,Pё PI PsCҒPёPiC-PSP°P»CHPSC-PNё CҒPiP°PePsPIC†C- PiCҒPё
C,РµPjPiРµCҒP°C,CҒCҒC- PSPµ PIPёC‰Рµ 25 B°PҒ.

РµC-CҒP»СІ PiCҒPёPiPsC,CҒPIP°PSPSCІ CҒPsP·C‡PёPS PjP°C” P±CҒC,Pё
PIPёPePsCҒPёCҒC,P°PSPёPNё PSPµPiP°PNёPSPs PiC-CҒP»СІ CҒPsP·PIPµPrРµPSPSCІ P°P±Ps
P·P±РµCҒC-PiP°C,PёCҒCІ PiCҒPsC,CІPiPsPjB PSPµ P±C-P»CHCёPµ 24 PiPsPrPёPS PiCҒPё
C,РµPjPiРµCҒP°C,CҒCҒC- PrPs 25 °PҒ C- 7 PrC-P± PiCҒPё C,РµPjPiРµCҒP°C,CҒCҒC- PIC-Pr 2
PrPs 8 °PҒ.

P—PjC-PSP° PePsP»CHPsCҒCҒ PSPµ PIPiP»PёPIP°C” PSP° P°PeC,PёPIPSC-CҒC,CH
PiCҒРµPiP°CҒP°C,CҒ P·P° CҒPjPsPIPё, CІPeC‰Ps PiCҒРµPiP°CҒP°C,

P·P±PμCḡC-PiP°C”C,CHCÍCḡ PSP°P»PμP¶PSPëPj C‡PëPSPsPj, CḡPe
CḡPμPePsPjPμPSPrPsPIP°PSPs PIPëCḡPsP±PSPëPePsPj.

PκPμCÍCḡPjC-CÍPSC-CÍC,CH.

PκPμ P·PjC-CÉCíPIP°C,Pë PI PsPrPSC-PNḡ C”PjPePsCÍC,C- P· C-PSCëPëPjPë
P»C-PeP°CḡCÍCHPePëPjPë P·P°CÍPsP±P°PjPë. P—P°CÍC,PsCÍPsPICíPIP°C,Pë
CḡPsP·C‡PëPSPSPëPePë, P·P°P·PSP°C‡PμPSC- Cí CḡPsP·PrC-P»C- B«PŸPīPsCÍC-P±
P·P°CÍC,PsCÍCíPIP°PSPSCḡ C,P° PrPsP·PëB».

PJPīP°PePsPIPeP°.

PμPs 1000 PjPi PīPsCḡPsCëPeCí PrP»Cḡ CḡPsP·C‡PëPSCí PrP»Cḡ C-PSBḡ™C”PeC†C-PNḡ Cí
C„P»P°PePsPSC- B„- 1 Cí PePsCḡPsP±C†C- P· PeP°CḡC,PsPSCí.

PḡP°C,PμPiPsCḡC-Cḡ PIC-PrPīCíCÍPeCí. P—P° CḡPμC†PμPīC,PsPj.

P’PëCḡPsP±PSPëPe.

PḡPSP°PSC,P° PḡPμPrC-PePμP°Cḡ P>C-PjC-C,PμPr.

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° PNḡPsPiPs
P°PrCḡPμCÍP° PjC-CÍC†Cḡ PīCḡPsPIP°PrP¶PμPSPSCḡ PrC-CḡP»CHPSPsCÍC,C-.**

PḡP°Pe 17 PḡP>, PḡPiCḡPs C„CíPr PīP°CḡPe P PsCíPr, P P†P†PḡPḡ P†PSPrP°CÍC,CḡC-P°P»
P·CḡC-P°, PJPPrC-PsPi P’C-C...P°Cḡ, PĖCḡC-PiP°PSPiP°PSP°PiP°Cḡ-335002
(P P°PrP¶P°CÍC,P°PS), P†PSPrC-Cḡ.

P—P°CḡPIPSPëPe.

PḡPSP°PSC,P° PḡPμPrC-PePμP°Cḡ P>C,Pr.

**PḡC-CÍC†PμP·PSP°C...PsPrP¶PμPSPSCḡ P·P°CḡPIPSPëPeP° C,P°/P°P±Ps
PīCḡPμPrCÍC,P°PIPSPëPeP° P·P°CḡPIPSPëPeP°.**

PŸCHCḡC, 1, 2 PŸC,PμPNḡCëPS PḡPsCḡC,, P†PjPīPμCḡC-P°P» P’P°CḡC,,, PŸP°CíPSPjPμPr
P PsP°Pr, PκCíP»C...P°Pj, P>PsPSPrPsPS, P’PμP»PëPeP° P’CḡPëC,P°PSC-Cḡ.