

P"CHP°PjPiPsP·PëC,PëPIPSC- PjC-PeCHPsPsCHPi°PSC-P·PjPë:

Staphylococcus aureus (C€C,P°PjPë, C%Ps PiCƧPsPrCfPeCfCƧC,CH C,P° PSPµ PiCƧPsPrCfPeCfCƧC,CH PiPµPSC-C†PëP»C-PSP°P·Cf), *Staphylococcus epidermidis*, *Streptococcus pneumoniae* (PiPsPiPµCƧPµPrPSCµ PSP°P·PIP° BƧ“ *Diplococcus pneumoniae*), *Streptococcus pyogenes* (P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- CƧC,CƧPµPiC,PSPePsPePë PiCƧCfPiPë PƧ), *Streptococcus agalactiae* (P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- CƧC,CƧPµPiC,PSPePsPePë PiCƧCfPiPë B), *Streptococcus faecalis* (PµPSC,PµCƧPsPePsPe), P±PµC,P°-PiPµPjPsP»C-C,PëC†PSC- CƧC,CƧPµPiC,PSPePsPePë.

P“CƧP°PjPSPµPiP°C,PëPIPSC- PjC-PeCƧPsPsCƧPiP°PSC-P·PjPë:

Escherichia coli, CƧC-Pr *Klebsiella*, CƧC-Pr *Enterobacter*, CƧC-Pr *Citrobacter*, *Haemophilus influenzae*, *Proteus mirabilis*, *Proteus vulgaris*, *Morganella morganii* (CƧP°PSC-C€Pµ - *Proteus morganii*), *Providencia rettgeri* (CƧP°PSC-C€Pµ - *Proteus rettgeri*), CƧC-Pr *ProvidenciP°*, CƧC-Pr *Serratia* (PIPeP»CƧC†P°CƧC†Pë *S. Marcescens*), CƧC-Pr *Salmonella* C,P° *Shigella*, *Pseudomonas aeruginosa* C,P° PrPµCµPeC- C-PSC€C- *Pseudomonas*, *Acinetobacter calcoaceticus*, *Neisseria gonorrhoeae* (C€C,P°PjPë, C%Ps PiCƧPsPrCfPeCfCƧC,CH C- PSPµ PiCƧPsPrCfPeCfCƧC,CH P±PµC,P°-P»P°PeC,P°PjP°P·Pë), *Neisseria meningitidis*, *Bordetella pertussis*, *Yersinia enterocolitica*.

PƧPSP°PµCƧPsP±PSC- PjC-PeCƧPsPsCƧPiP°PSC-P·PjPë:

PiCƧP°PjPiPsP·PëC,PëPIPSC- C,P° PiCƧP°PjPSPµPiP°C,PëPIPSC- PePsPePë (PIPeP»CƧC†P°CƧC†Pë CƧC-Pr *Peptococcus*, *Peptostreptococcus* C,P° *Veillonella*);

PiCƧP°PjPiPsP·PëC,PëPIPSC- PiP°P»PëC†PePë (PIPeP»CƧC†P°CƧC†Pë CƧC-Pr *Clostridium*, *Eubacterium* C,P° *Lactobacillus*);

PiCƧP°PjPSPµPiP°C,PëPIPSC- PiP°P»PëC†PePë (PIPeP»CƧC†P°CƧC†Pë CƧC-Pr *Fusobacterium*, P±P°PiP°C,Ps C€C,P°PjC-PI *Bacteroides fragilis* C,P° C-PSC€PëC... PiCƧPµPrCƧC,P°PIPSPëPeC-PI CƧPsPrCf *Bacteroides*).

PαP°CƧPjP°PePsPeC-PSPµC,PëPeP°.

P’PëCƧPsPeC- CƧC-PIPSC- CƧ PeCƧPsPIC-, P¶PsPIC†C- C,P° CƧPµC†C- PrPsCƧCµPiP°CƧC,CHCƧCµ PiC-CƧP»Cµ CƧP°P·PsPIPsPiPs PIPIPµPrPµPSPSCµ PiCƧPµPiP°CƧP°C,Cf. Pj C,P°P±P»PëC†C- 1 PSP°PIPµPrPµPSPs PePsPSC†PµPSC,CƧP°C†C-C— PiCƧPµPiP°CƧP°C,Cf CƧ CƧPëCƧPsPIP°C,C†C- PeCƧPsPIC- PrPsCƧPsCƧP»PëC... P·PrPsCƧPsPIPëC... PrPsP±CƧPsPIPsP»CHC†C-PI. PjC- PrP°PSC- P±CfP»Ps PsPrPµCƧP¶P°PSPs PiC-CƧP»Cµ 15-C...PIPëP»PëPSPSPsPiPs PIPSCfC,CƧC-C€PSCƧPsPIPµPSPSPsPiPs PIPIPµPrPµPSPSCµ 1, 2, 3 P°P±Ps 4 Pi PiCƧPµPiP°CƧP°C,Cf P°P±Ps PiC-CƧP»Cµ PsPrPSPsCƧP°P·PsPIPsPiPs PIPSCfC,CƧC-C€PSCƧPsPjBƧ™ CµP·PsPIPsPiPs PIPIPµPrPµPSPSCµ 1 P°P±Ps 2 Pi PiCƧPµPiP°CƧP°C,Cf. PµCƧPsP±PµPSPµC†PëPr PSPµ PIPIP»PëPIP°C” PSP° CƧC-PIPµPSCƧ PePsPSC†PµPSC,CƧP°C†C-C— C†PµC,,PsPiPµCƧP°P·PsPSCf CƧ PeCƧPsPIC-.

PŸPµCƧPµPrPSC- PePsPSC†PµPSC,CƧP°C†C-C— C†PµC,,PsPiPµCƧP°P·PsPSCf CƧ CƧPëCƧPsPIP°C,C†C- PeCƧPsPIC- (PjPePi/PjP») PŸP°P±P»PëC†Cµ 1.

P"PsP·P°, CÍPíPsCÍC-P± PIPiPµPrPµPSPSCİ	0*	30 C...PIPëP»PëPS	1 PiPsPrPëPSP°	2 PiPsPrPëPSPë	4 PiPsPrPëPSPë	8 PiPsPrPëPSP	12 PiPsPrPëPS
1 Pi PIPSCrC,CHC-CëPSCbPsPiPµPSPSPs	153	114	73	38	16	4	0,5
2 Pi PIPSCrC,CHC-CëPSCbPsPiPµPSPSPs	252	153	114	70	32	8	2
3 Pi PIPSCrC,CHC-CëPSCbPsPiPµPSPSPs	340	210	142	89	41	9	2
4 Pi PIPSCrC,CHC-CëPSCbPsPiPµPSPSPs	506	325	251	161	71	19	6
1 Pi PIPSCrC,CHC-CëPSCbPsPjB™ CİP·PsPIPs	32**	52	65	57	33	7	1
2 Pi PIPSCrC,CHC-CëPSCbPsPjB™ CİP·PsPIPs	40**	69	93	97	58	14	4

* PŞP°CÍ, C%Ps PjPëPSCrPI PíC-CÍP»Cİ PIPiPµPrPµPSPSCİ PíCHPµPíP°CHP°C,Cr (PIC-PrP»C-Pe PsPrCHP°P·Cr PíC-CÍP»Cİ P·P°PIPµCHCëPµPSPSCİ C-PSC,,CÍP·C-C—).

** P PµP·CÍP»CHC,P°C,Pë, PsC,CHPëPjP°PSC- C±PµCHPµP· 15 C...PIPëP»PëPS PíC-CÍP»Cİ PIPiPµPrPµPSPSCİ PíCHPµPíP°CHP°C,Cr.

PµPµCHC-PsPr PSP°PíC-PIPIPëPIPµPrPµPSPSCİ PíCHPµPíP°CHP°C,Cr P"µPíP°C†PµC,,^{B®} C-P· CÍPëCHPsPiP°C,PePë PeCHPsPIC- CÍC,P°PSPsPiPëC,CH PíCHPëP±P»PëP·PSPs 2 PiPsPrPëPSPë PSPµP·P°P»PµP¶PSPs PIC-Pr CÍPíPsCÍPsP±Cí PNePsPiPs PIPiPµPrPµPSPSCİ.

P"µPíP°C†PµC,,^{B®} PrPsCÍCİPiP°C" C,PµCHP°PíPµPIC,PëC±PSPëC... CHC-PIPSC-PI Cr PICÍC-C... CHC-PrPëPSP°C... C,P° C,PeP°PSPëPSP°C... PsCHPiP°PSC-P·PjCr, Cr C,,C±. PI P°CÍC†PëC,PëC±PSC-PNë C,P° C†PµCHPµP±CHPsCÍPíC-PSP°P»CHPSC-PNë (PíC-Pr C±P°CÍ PjPµPSC-PSiC-C,Cr) CHC-PrPëPSP°C..., CÍPµC±C-, P¶PsPIC±C- C,P° CÍC,C-PSPeP°C... P¶PsPIC±PSPsPiPs PjC-C...CíCHP°, PjPsPeCHPsC,PëPSPSC- C,P° P»PµPiPµPSCİC..., PíC-PrPSPµP±C-PSPSPëC... PjPëPiPrP°P»PëPeP°C... C,P° CÍP»PëP·PsPIC-PNë PsP±PsP»PsPSC†C- CÍPëPSCrCÍC-PI, PíPµCHPµPrCÍPµCHPPrC-, PSPëCHPeP°C..., CÍPµC±PsPIPsPrC-, PíCHPsCÍC,P°C,C-, CÍC-PjB™ CİPSPëPeP°C..., PjP°C,C†C- C,P° C,,P°P»P»PsPíC-C"PIPëC... C,CHCíP±P°C..., PeC-CÍC,PeP°C..., PíCíPíPsPiPëPSPSC-PNë PeCHPsPIC- C,P° P°PjPSC-PsC,PëC±PSC-PNë CHC-PrPëPSC-.

P"µPíP°C†PµC,,^{B®} PIPëPIPsPrPëC,CHCÍCİ C-P· P¶PsPIC±CH C,P° CÍPµC±PµCH. PµPsPSC†PµPSC,CHP°C†C-Cİ PíCHPµPíP°CHP°C,Cr Cr P¶PsPIC±C- PrPsCÍCİPiP°C" PrCrP¶Pµ PIPëCÍPsPePëC... CHC-PIPSC-PI (P·P°P·PIPëC±P°PNë C±PµCHPµP· 1B™"3 PiPsPrPëPSPë PíC-CÍP»Cİ PIPiPµPrPµPSPSCİ) C,P° PíPµCHPµPIPëC%CrC" P°PSP°P»PsPiC-C±PSC- PePsPSC†PµPSC,CHP°C†C-C— Cr CÍPëCHPsPiP°C,C†C- PeCHPsPIC- Cr 100 CHP°P·C-PI.

P'CrP»Ps P·P°CHPµC"CÍC,CHPsPiP°PSPs C,P°PeC- PePsPSC†PµPSC,CHP°C†C-C— Cr P¶PsPIC±C-: PIC-Pr 66 PjPePi/PjP» C±PµCHPµP· 30 C...PIPëP»PëPS PrPs 6000 PjPePi/PjP» C±PµCHPµP· 3 PiPsPrPëPSPë PíC-CÍP»Cİ PIPSCrC,CHC-CëPSCbPsPiPµPSPSPsPiPs PIPiPµPrPµPSPSCİ 2 Pi PíCHPµPíP°CHP°C,Cr PíP°C†C-C"PSC,P°Pj, Cr CİPePëC... PIC-PrCÍCrC,PSCİ PsP±CÍC,CHCíPeC†C-Cİ P¶PsPIC±PSPëC... PíCHPsC,PsPe.

PŞPµCHPµP· 12 PiPsPrPëPS PíC-CÍP»Cİ PIPiPµPrPµPSPSCİ Cr CHC-P·PSPëC... PrPsP·P°C... C,P° CHC-P·PSPëPjPë CÍPíPsCÍPsP±P°PjPë PíC-PrPIPëC%PµPSPSCİ PePsPSC†PµPSC,CHP°C†C-C— C†PµC,,PsPiPµCHP°P·PsPSCr Cr CÍPµC±C- PíP°C†C-C"PSC,C-PI C-P· PSPsCHPjP°P»CHPSPsCH C,,CíPSPeC†C-C"CH PSPëCHPsPe PrPsCÍCİPiP°C" Cr CÍPµCHPµPrPSCbPsPjCr 20B™"30 %. PµPsPSC†PµPSC,CHP°C†C-CH PíCHPµPíP°CHP°C,Cr PíPsPSP°Pr 2200 PjPePi/PjP» Cr CÍPµC±C- P±CíP»Ps PsPrPµCHP¶P°PSPs C±PµCHPµP· 15 C...PIPëP»PëPS PíC-CÍP»Cİ PIPSCrC,CHC-CëPSCbPsPiPµPSPSPsPiPs PIPiPµPrPµPSPSCİ 2 Pi PíCHPµPíP°CHP°C,Cr P"µPíP°C†PµC,,^{B®}. PµC-CÍP»Cİ PIPSCrC,CHC-CëPSCbPsPjB™ CİP·PsPIPsPiPs PIPiPµPrPµPSPSCİ 2 Pi PíCHPµPíP°CHP°C,Cr PjP°PeCÍPëPjP°P»CHPSP° PePsPSC†PµPSC,CHP°C†C-Cİ Cr CÍPµC±C- CÍC,P°PSPsPiPëP»P° PíCHPëP±P»PëP·PSPs 1000 PjPePi/PjP».

$$\text{P}_{\text{II}}\text{CH}_2\text{PsC}_{\text{II}}\text{C-P}\gg\text{P}^{\circ}\text{PeC}_{\text{II}}\text{P}\ddot{\text{e}}\text{PeP}^{\circ}\text{P}\ddot{\text{I}}\text{C-ClP}\gg\text{ClPsP}\ddot{\text{I}}\text{PuCH}_2\text{P}^{\circ}\text{C}\ddagger\text{C-PN}_{\text{II}}\text{PSP}\ddot{\text{e}}\text{C}\dots\text{C}\ddagger\text{ClP}\ddot{\text{e}}\text{PeP}\gg\text{P}^{\circ}\text{PrPSP}_{\text{II}}\text{PSC}_{\text{II}}\text{H}$$

PiC-Pr C†P°C† P°P±PrPsPjC-PSP°P»CHbPSPëC..., PiC-PSPrµPePsP»PsPiC-C†PSPëC...,
C†PµC†PµPIPs-C†C†PrPëPSPSPëC... C,P° PsC†C,PsPiPµPrPëC†PSPëC... PsPiPµC†P°C†C-PN.

PµC†PsC,PëPiPsPeP°P·P°PSPSC†.

P°C-PiPµC†C†C,P»PëPIC-C†C,CH PrPs C†PµC,,PsPiPµC†P°P·PsPSC† P°P±Ps PrPs
P±C†PrCH-C†PePsPiPs P· P°PSC,PëP±C-PsC,PëPeC-PI C†PµC,,P°P»PsC†PiPsC†PëPSPsPIPsPiPs
C†C†PrC†.

***P°P·P°C°PjPsPrC-C† P· C-PSCëPëPjPë P»C-PeP°C†C†CHPePëPjPë P·P°C†PsP±P°PjPë C,P°
C-PSCëC- PIPëPrPë PIP·P°C°PjPsPrC-PN.***

P†P»PePsPiPsP»CH

PµPsPIC-PrPsPjP»C†P»PsC†C†, C°Ps PiC†Pë PIP¶PëPIP°PSPSC- P°P»PePsPiPsP»CH PiC-Pr
C†P°C† P»C-PeC†PIP°PSPSC† PiC†PµPiP°C†P°C,PsPj C- PSP°PIC-C,CH C†PµC†PµP· 5 PrC-P±
PiC-C†P»C† PsC†C,P°PSPSCHbPsPiPs PIPµPrPµPSPSC† C†PµC,,PsPiPµC†P°P·PsPSC†
PIPëPSPëPeP°P»P° PrPëC†C†P»CHbC,,C-C†P°PjPsPiPsPrC-P±PSP° C†PµP°PeC†C-C†, C°Ps
C...P°C†P°PeC,PµC†PëP·C†PIP°P»P°C†C† PiC†PëPiP»PëPIP°PjPë, PiC-PrPIPëC°PµPSPsC†
PiC-C,P»PëPIC-C†C,CH, PiPsP»PsPIPsPëPj P±PsP»PµPj C- C,P°C...C-PeP°C†PrC-C°CH.
PµPsPrC-P±PSC- C†PµP°PeC†C-C— PIPëPSPëPeP°P»Pë C- PiC-C†P»C† PiC†PëPNPsPjC†
C-PSCëPëC... C†PµC,,P°P»PsC†PiPsC†PëPSC-PI, C,PsPjC† C†P»C-Pr P·P°C†C,PµC†C-PiP°C,Pë
PiP°C†C-C°PSC,C-PI PIC-Pr PIP¶PëPIP°PSPSC† P°P»PePsPiPsP»CHbPSPëC... PSP°PiPsC—PI C†
PiPµC†C-PsPr P»C-PeC†PIP°PSPSC† C†PµC,,PsPiPµC†P°P·PsPSPsPj. PµP°C†C-C°PSC,P°Pj,
C†PeC- PiPsC,C†PµP±C†CHbC,CH PiPµC†PsC†P°P»CHbPSPsPiPs P°P±Ps
PiP°C†PµPSC,PµC†P°P»CHbPSPsPiPs CëC,C†C†PSPsPiPs PiPsPrC†PIP°PSPSC†, C†P»C-Pr
C†PSPëPeP°C,Pë PIP¶PëPIP°PSPSC† C†PsP·C†PëPSC-PI, C°Ps PjC-C†C,C†C,CH PµC,P°PSPsP».

*P°P·P°C°PjPsPrC-C—, C°Ps PIPiP»PëPIP°CHC,CH PSP° C†PµP·C†P»CHbC,P°C,Pë
P»P°P±PsC†P°C,PsC†PSPëC... PrPsC†P»C-PrP¶PµPSCb*

PµPsP¶Pµ PIPëPSPëPeP°C,Pë C...PëP±PSPsPiPsP·PëC,PëPIPsP° C†PµP°PeC†C-C†
C†PµC†C- PSP° PiP»CHPePsP·C† PiC†Pë PiC†PsPIPµPrPµPSPSC- C,PµC†C,C-PI C-P·
C†PsP·C†PëPSP°PjPë P°PµPSPµPrPëPeC,P° P°P±Ps PµPµP»C-PSPiP°.

P†C†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PIP°PSPSC†.

P°C-PiPµC†C†C,C,P»PëPIC-C†C,CH

P¶PµC†PNPsP·PSC- C†PµP°PeC†C-C— PiC-PiPµC†C†C,P»PëPIPsC†C,C-
(P°PSP°C,,C-P»P°PeC,PëC†PSC- C†PµP°PeC†C-C—), C-PSPePsP»Pë P· P»PµC,P°P»CHbPSPëPj
PSP°C†P»C-PrPePsPj, P±C†P»Pë P·P°C†PµC°C†C,C†PsPIP°PSC- PI PiP°C†C-C°PSC,C-PI,
C†PeC- PsC,C†PëPjC†CHbC,CH P±PµC,P°P»P°PeC,P°PjPSC- PiC†PµPiP°C†P°C,Pë P°P±Ps
PiC†PµPiP°C†P°C,Pë C†PµC,,P°P»PsC†PiPsC†PëPSC†, PIPeP»CHbC†P°CHbC†Pë
C†PµC,,PsPiPµC†P°P·PsPS. PiC- C†PµP°PeC†C-C— C†P°C†C,C-CëPµ PIPëPSPëPeP°P»Pë C†
PiP°C†C-C°PSC,C-PI, PI P°PSP°PjPSPµP·C- C†PePëC... PSP°C†PIPsC- C†PµP°PeC†C-C—

PiC-PiPμCḡC†CfC,P»PëPIPsCfC,C- PrPs PrPμPeC-P»CHPePsC... P°P»PμCḡPiPμPSC-PI.

PμPμCḡPμPr PiCḡPëP·PSP°C†PμPSPSCḡPj C†PμC,,PsPiPμCḡP°P·PsPSCf CfP»C-Pr
CḡPμC,PμP»CHBPSPs P·C-P±CḡP°C,Pë P°PSP°PjPSPμP·, C%PsP± P·Bḡ™CḡCfCfPIP°C,Pë, C†Pë
PIPëPSPëPeP°P»Pë Cf C...PIPsCḡPsPiPs CḡP°PSC-CëPμ CḡPμP°PeC†C-C—
PiC-PiPμCḡC†CfC,P»PëPIPsCfC,C- PrPs C†PμC,,P°P»PsCfPiPsCḡPëPSC-PI,
PiPμPSC-C†PëP»C-PSC-PI P°P±Ps PrPs C-PSCëPëC... P»C-PeP°CḡCfCHPePëC...
P·P°CfPsP±C-PI. PŸP»C-Pr P· PsP±PμCḡPμPḡPSC-CfC,Cḡ PiCḡPëP·PSP°C†P°C,Pë C†PμPNë
PiCḡPμPiP°CḡP°C, PiP°C†C-C”PSC,P°Pj, C†CfC,P»PëPIPëPj PrPs PiPμPSC-C†PëP»C-PSCf.

PḡPSC,PëP±C-PsC,PëPePë CfP»C-Pr P· PsP±PμCḡPμPḡPSC-CfC,Cḡ PiCḡPëP·PSP°C†P°C,Pë
PiP°C†C-C”PSC,P°Pj, Cf CḡPePëC... CḡP°PSC-CëPμ P±CfP»Pë PiCḡPsCḡPIPë P±CfPrCH-
CḡPePsC— C,,PsCḡPjPë P°P»PμCḡPiC-C—, PsCfPsP±P»PëPIPs P°P»PμCḡPiC-C— PSP°
P»C-PeP°CḡCfCHPeC- P·P°CfPsP±Pë.

PiPeC%Ps PIPëPSPëPeP°C” P°P»PμCḡPiC-C†PSP° CḡPμP°PeC†C-Cḡ, CfP»C-Pr
PIC-PrPjC-PSPëC,Pë PiCḡPμPiP°CḡP°C, C- PiCḡPëP·PSP°C†PëC,Pë PSP°P»PμPḡPSPμ
P»C-PeCfPIP°PSPSCḡ. PŸPμCḡPNëPsP·PSC- P°PSP°C,,C-P»P°PeC,PëC†PSC- CḡPμP°PeC†C-C—
PIPëPjP°PiP°CḡC,CH PSPμPiP°PNëPSPsPiPs PSPμPIC-PrPeP»P°PrPSPsPiPs PIPiPμPrPμPSPSCḡ
P°PrCḡPμPSP°P»C-PSCf. PμCḡPë PSPμPsP±C...C-PrPSPsCfC,C- CfP»C-Pr
P·P°CfC,PsCfPsPICfPIP°C,Pë PePëCfPμPSCḡ, PIPSCfC,CḡC-CëPSCḡPsPIPμPSPSC-
PePsCḡC,PëPePsCfC,PμCḡPsC—PrPë, P° C,P°PePsPḡ PiC-PrC,CḡPëPjCfPIP°C,Pë
PiCḡPsC...C-PrPSC-CfC,Cḡ PrPëC...P°P»CHBPSPëC... CëP»CḡC...C-PI, Cf C,PsPjCf C†PëCfP»C-
C- P·P° PrPsPiPsPjPsPiPsCḡ C-PSC,CfP±P°C†C-C—.

P—P°C,,C-PeCfPsPIP°PSPs PIPëPiP°PrPePë CḡPsP·PIPëC,PeCf CëPeC-CḡPSPëC...
CḡPμP°PeC†C-PNë C,CḡPḡPePsPiPs CfC,CfPiPμPSCḡ, C-PSPePsP»Pë P· P»PμC,P°P»CHBPSPëPj
PSP°CfP»C-PrPePsPj, C,P°PePëC... CḡPe C,PsPeCfPëC†PSPëPNë PμPiC-PrPμCḡPjP°P»CHBPSPëPNë
PSPμPeCḡPsP»C-P·, CfPëPSPrCḡPsPj PŸC,C-PIPμPSCfP°Bḡ“P”PḡPsPSCfPsPSP° C,P°
PμPeCfC,,PsP»C-P°C,PëPIPSPëPNë PrPμCḡPjP°C,PëC,, Cf PiP°C†C-C”PSC,C-PI, CḡPeC-
P·P°CfC,PsCfPsPICfPIP°P»Pë C†PμC,,PsPiPμCḡP°P·PsPS. Pj CḡP°P·C- PIPëPSPëPePSPμPSPSCḡ
CëPeC-CḡPSPsC— CḡPμP°PeC†C-C— C,CḡPḡPePsPiPs CfC,CfPiPμPSCḡ C,PμCḡP°PiC-Cḡ
C†PμC,,PsPiPμCḡP°P·PsPSPsPj CfP»C-Pr PiCḡPëPiPëPSPëC,Pë C,P° CḡPsP·PiPsC†P°C,Pë
PIC-PrPiPsPIC-PrPSPμ P»C-PeCfPIP°PSPSCḡ (PrPëPI. CḡPsP·PrC-P» B«PμPsP±C-C†PSC-
CḡPμP°PeC†C-C—B»).

P—P°CfC,PsCfCžPIP°PSPSCḡ C...PIPsCḡPëPj C-P· PiPsCḡCžCëPμPSPSCḡPjPë C,,CžPSPeC†C-C—
PiPμC†C-PSPePë

PiPμC,,PsPiPμCḡP°P·PsPS P·PSP°C†PSPsCḡ PjC-CḡPsCḡ
PμPeCfPeCḡPμC,CfC”C,CHCfCḡ P· PḡPsPIC†Cḡ. Pj PiP°C†C-C”PSC,C-PI C-P·
P·P°C...PIPsCḡCḡPIP°PSPSCḡPjPë PiPμC†C-PSPePë C,P°/P°P±Ps
PsP±CfC,CḡCfPeC†C-C”Cḡ PḡPsPIC†PSPëC... CëP»CḡC...C-PI
PiPsPrPsPIPḡCfC”C,CHCfCḡ PiPμCḡC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCḡ
C†PμC,,PsPiPμCḡP°P·PsPSCf C-P· CfPëCḡPsPIP°C,PePë PeCḡPsPIC- C-
P·P±C-P»CHCëCfC”C,CHCfCḡ PSPëCḡPePsPIP° PμPeCfPeCḡPμC†C-Cḡ
PiCḡPμPiP°CḡP°C,Cf C-P· CfPμC†PμCḡ. PkP°PIC-C,CH PiCḡPë C,CḡPḡPePëC...
PiPsCḡCfCëPμPSPSCḡC... C,,CfPSPeC†C-C— PiPμC†C-PSPePë Cf PḡPsPIC†C-
PrPsCfCḡPiP°CḡC,CHCfCḡ C,PμCḡP°PiPμPIC,PëC†PSC- PePsPSC†PμPSC,CḡP°C†C-C—
C†PμC,,PsPiPμCḡP°P·PsPSCf, P° PiPμCḡC-PsPr PSP°PiC-PIIPëPIPμPrPμPSPSCḡ
P·CḡPsCfC,P°C” P»PëCëPμ Cf 2Bḡ“4 CḡP°P·Pë.

P—P°PiP°P»CHbPSC- P·P°CfC,PμCḡPμP¶PμPSPSCḡ

PμPsPIC-PrPsPjP»CḡP»PsCfCḡ PīCḡPs PIPēPīP°PrPePē CḡPμCḡPNēPsP·PSPēC...
PeCḡPsPIPsPIPēP»PēPIC-PI, PIPeP»CḡC±P°CḡC±Pē PIPēPīP°PrPePē P· P»PμC,P°P»CHbPSPēPj
PSP°CḡP»C-PrPePsPj, PīCḡPē P·P°CfC,PScfCḡPIP°PSPSC- CḡPμC,,PsPīPμCḡP°P·PsPSCḡ.

P°Ps PīCḡCḡPīPē CḡPēP·PēPeCḡ PSP°P»PμP¶P°C,CH PīP°CḡC-C°PSC,Pē P· PsP±PjPμP¶PμPSPēPj
C...P°CḡC±CḡPIP°PSPSCḡPj, PjP°P»CHbP°P±CḡPsCḡP±CḡC-C°Cḡ C,P° PīP°CḡC-C°PSC,Pē,
CḡPeC- C,CḡPēPIP°P»PēPNē C±P°Cḡ PīPμCḡPμP±CḡPIP°CḡC,CH PSP°
PīP°CḡPμPSC,PμCḡP°P»CHbPSPsPjCḡ (PIPSCḡC,CḡC-CēPSCḡPsPIPsPSPSPsPjCḡ)
C...P°CḡC±CḡPIP°PSPSC-. PŸP»C-Pr P·PrC-PNēCḡPSCḡPIP°C,Pē PSP°PiP»CḡPr P·P° C,P°PePēPjPē
PīP°CḡC-C°PSC,P°PjPē C%oPsPrPs PsP·PSP°Pe PeCḡPsPIPsC,PμC±C-,
C,CḡPsPjP±PsCḡPēC,PsPīPμPSC-C— C,P° PiC-PīPsPīCḡPsC,CḡPsPjP±C-PSPμPjC-C—. Pj
PIPēPīP°PrPeCḡ CḡPsP·PIPēC,PeCḡ C,CḡPēPIP°P»PsC— PeCḡPsPIPsC,PμC±C- P±PμP·
PIPēCḡPIP»PμPSPSCḡ C-PSCēPēC... PīCḡPēC±PēPS CḡCHbPsPiPs CḡPIPēC%oP° CḡP»C-Pr
PīCḡPēPīPēPSPēC,Pē P·P°CfC,PScfCḡPIP°PSPSCḡ CḡPμC,,PsPīPμCḡP°P·PsPSCḡ.

PīPe C- C-PSCēC- P°PSC,PēP±C-PsC,PēPePē, PīCḡPē C,CḡPēPIP°P»PsPjCḡ
P·P°CfC,PScfCḡPIP°PSPSC- CḡPμC,,PsPīPμCḡP°P·PsPS PjPsP¶Pμ PīCḡPēP·PIPsPrPēC,Pē PrPs
PīPsCḡPēP»PμPSPsPiPs CḡPsCfC,Cḡ CḡPμP·PēCfC,PμPSC,PSPsC— PjC-PeCḡPsC,,P»PsCḡPē, Cḡ
P·Piḡḡ™CḡP·PeCḡ P· C±PēPj PīC-Pr C±P°Cḡ P»C-PeCḡPIP°PSPSCḡ P·P° PīP°CḡC-C°PSC,P°PjPē
CḡP»C-Pr CḡPμC,PμP»CHbPSPs CḡPīPsCfC,PμCḡC-PiP°C,Pē. PīPe C- PīCḡPē
P»C-PeCḡPIP°PSPSC- P±CḡPrCHb-CḡPePēPj PīPsC,CḡP¶PSPēPj CḡPēCfC,PμPjPSPēPj
PīCḡPμPīP°CḡP°C,PsPj, PīC-Pr C±P°Cḡ C,CḡPēPIP°P»PsC— C,PμCḡP°PiC-C—
CḡPμC,,PsPīPμCḡP°P·PsPSPsPj CḡPμPePsPjPμPSPPrPsPIP°PSPs PīCḡPsPIPsPrPēC,Pē
PīPμCḡC-PsPrPēC±PSC- PsP±CfC,PμP¶PμPSPSCḡ P· PjPμC,PScḡ PIPēCḡPIP»PμPSPSCḡ
PjPsP¶P»PēPIPēC... C,,CḡPSPeCḡC-PsPSP°P»CHbPSPēC... PīPsCḡCḡCēPμPSCḡ P· P±PsPeCḡ
CḡPēCfC,PμPj PsCḡPiP°PSC-P·PjCḡ, P·PsPeCḡPμPjP° PSPēCḡPsPe, PīPμC±C-PSPePē C-
CḡPēCfC,PμPjPē PeCḡPsPIPsC,PIPsCḡPμPSPSCḡ. PhCḡPsP±P»PēPIPs PIP°P¶P»PēPIC- C,P°PeC-
PsP±CfC,PμP¶PμPSPSCḡ Cḡ PSPsPIPsPSP°CḡPsPrP¶PμPSPēC..., P·PsPeCḡPμPjP° Cḡ
PSPμPrPsPSPsCēPμPSPēC... C,P° C-PSCēPēC... PSPμPjPsPIP»CḡC,,.

PμC-Pr C±P°Cḡ P·P°CfC,PScfCḡPIP°PSPSCḡ PjP°PNēP¶Pμ PICḡC-C...
P°PSC,PēP±P°PeC,PμCḡC-P°P»CHbPSPēC... PīCḡPμPīP°CḡP°C,C-PI, PIPeP»CḡC±P°CḡC±Pē
CḡPμC,,PsPīPμCḡP°P·PsPS, PīPsPIC-PrPsPjP»CḡP»PsCfCḡ PīCḡPs PIPēPīP°PrPePē
PrC-P°CḡPμC—, CḡPīCḡPēC±PēPSPμPSPsC— *Clostridium difficile* [*Clostridium difficile* associated
diarrhea] (CDAD), CḡPeC- P·P° CḡC,CḡPīPμPSPμPj C,CḡP¶PePsCfC,C- PIP°CḡC-CḡPIP°P»Pē
PIC-Pr P»PμPiPePsC— PrC-P°CḡPμC— PrPs P»PμC,P°P»CHbPSPsPiPs PePsP»C-C,Cḡ.
P>C-PeCḡPIP°PSPSCḡ P°PSC,PēP±P°PeC,PμCḡC-P°P»CHbPSPēPjPē PīCḡPμPīP°CḡP°C,P°PjPē
PīPsCḡCḡCēCḡC° PSPsCḡPjP°P»CHbPSCḡ PjC-PeCḡPsC,,P»PsCḡCḡC,PsPICḡC,PsPiPs
PePēCēPμC±PSPēPeCḡ, C%oPs PīCḡPēP·PIPsPrPēC,CH PrPs PīPsCḡPēP»PμPSPsPiPs CḡPsCfC,Cḡ
C. difficile.

C. difficile CḡPēPSC,PμP·CḡC° C,PsPeCḡPēPSPē A C- B, C%oPs CḡPīCḡPēCḡCḡC,CH
CḡPsP·PIPēC,PeCḡ CDAD. PēC,P°PjPē *C. difficile* C-P· PiC-PīPμCḡPīCḡPsPrCḡPeCḡPIP°PSPSCḡPj
C,PsPeCḡPēPSC-PI PsP±CḡPjPsPIP»CḡCḡC,CH PīC-PrPIPēC%oPμPSCḡ
P·P°C...PIPsCḡCḡPIP°PSC-CḡC,CH C- CḡPjPμCḡC,PSC-CḡC,CH, PsCḡPeC-P»CHbPePē
C-PSC,,PμPeCḡC-C—, CḡPeC- PIPsPSPē CḡPīCḡPēC±PēPSCḡCḡC,CH, PjPsP¶CḡC,CH P±CḡC,Pē
CḡC,C-PNēPePēPjPē PrPs C,PμCḡP°PiC-C— P°PSC,PēPjC-PeCḡPsP±PSPēPjPē
PīCḡPμPīP°CḡP°C,P°PjPē C- PjPsP¶CḡC,CH PīPsC,CḡPμP±CḡPIP°C,Pē PePsP»PμPeC,PsPjC-C—.
P PsP·PIPēC,PsPe CDAD CḡP»C-Pr P·P°PiC-PrPsP·CḡCḡPIP°C,Pē PI CḡCḡC-C...

РіР°С†С-С"РSC,С-РІ, С† СІРРРРР... С†РіРіРсС†С,РµС†С-РіР°Р»РРРРРРР РіС†СРсСІРРРР Р†С-Р°С†СРµС— РіС-С†Р»СІ Р·Р°С†С,РсС†С†РІР°Р°РSPSCІ Р°РSPC,РРР±С-РсС,РРРРР-РІ. РќРµРµР±С...С-Р†РSPµ С†СРµС,РµР»С»С»РSPµ РІРРРІС†РµРµРSPSCІ Р°РSP°РјРSPµР·С†, РсС†РРРР-Р»С»РРРР РіРіРІС-Р†РіРјР»СІР»РсС†СІ, С%Рс СDAD РІРРРSPРРРР°Р»Р° Р±С-Р»С»РРР РSC-Р¶ С†РµС†СРµР· РјС-С†СІС†С- РіС-С†Р»СІ Р·Р°С†С,РсС†С†РІР°Р°РSPSCІ Р°РSPC,РРР±Р°РРРР,РµС†С-Р°Р»С»РРРРРРР РіС†СРµРіР°С†С,С-РІ.

РіРРРсС%Рс РіР°С†С-С"РSC, Р†РсС,С†СРРРРРРР,С»С†СІ Р†С-С"С,РР Р· РSPРР·С»РРРРР РІРјС-С†С,РсРј РSP°С,С†С-С†, С†Р»С-Р† РІС†СР°С...С†РІР°С,РР, С%Рс РіС†СРµРіР°С†С, Р"РµРіР°С†СРµРіР°С,"^{В®} РјС-С†С,РРР,С» 34 РјРі РSP°С,С†С-С†.

Р—Р°С†С,РсС†С†РІР°Р°РSPSCІ С† РіРµС†С-РсР† РІР°РІС-С,РSPсС†С,С- Р°Р±Рс РіРсР†РІР°Р°РSPSCІ РіС†С†Р†Р†С.

Р°Р°РІС-С,РSC-С†С,С»

Р"РсС†Р»С-Р†Р¶РµРµРSPSCІ РІРіР»РРРРР РіС†СРµРіР°С†С,С† РSP° С†СРµРіРсР†РРР,РРРІРSC† С,,С†РSPР†С-С†, С%Рс РіС†СРсРІРсР†РР»РР РSP° С,РІР°С†СРРSP°С... С† Р†РсР·Р°С..., С%Рс С† 10 С†СР°С-РІ РіРµС†СРµРіР°С†С†РІР°Р»РР Р†РсР·С† Р†Р»СІ Р»С†Р†РРРSPР, РSPµ РІРРРІРІРР»РР Р†РсРРРР°С-РІ РіРіРІС-С†СРµРµРSPSCІ С,,РµС†С,РРР»С»РSPсС†С,С-, Р° С,Р°РРРР¶ С,РµС†С,РсРіРµРSPSPсРіРс РІРіР»РРРРРР. Р»Р†РSP°РР Р°Р†РµРІР°С,РSPР... С- РSP°Р»РµР¶ РС†РРSPсРј РРРсРSC,С†СР»С»РРРРРSPР... Р†РсС†Р»С-Р†Р¶РµРµРSC Р·Р°С†С†Р°С†С,С† РІР°РІС-С,РSPР... Р¶С-РSPсРР РSPµ РіС†СРсРІРсР†РР»РР. Р—РІР°Р¶Р°С†РР РSP° С,Рµ, С%Рс Р†РсС†Р»С-Р†Р¶РµРµРSPSCІ РІРіР»РРРРР РіС†СРµРіР°С†С,С† РSP° С†СРµРіРсР†РРР,РРРІРSC† С,,С†РSPР†С-С† С† С,РІР°С†СРРSP РSPµ Р·Р°РІР¶РР РіРµС†СРµРіРµР±Р°С†С,С» С†СРµР†С-С† Р»С†Р†РРРSPР, РіС†СРµРіР°С†С, С†Р»С-Р† Р·Р°С†С,РсС†РІРІРРРРР,РР С† РіРµС†С-РсР† РІР°РІС-С,РSPсС†С,С- Р»РРРР РіС†СРР РSP°СІРІРSPсС†С,С- С†С-С,РРРР... РіРсРРРР·Р°РSPС.

РµРµС†С-РсР† РіРсР†РІР°Р°РSPSCІ РіС†С†Р†Р†С

Р»РРРР РSPµРІРµР»РРРРРРР РРРР- РРР-Р»С»РРРсС†С,С- С†РµС,,РсРіРµС†СР·РсРSC† РіС†СРSPРРРРРР,С» С† РіС†С†Р†РSPµ РјРсР»РсРРс. Р†РсС†Р°С†РµС,,РсРіРµС†СР·РсРSP РіРсРІР°РSP РіС†СРSPРРРРРР С† РіС†С†Р†РSPµ РјРсР»РсРРс, С†Р»С-Р† Р· РсР±РµС†СРµР¶РSC-С†С,С† РіС†СРР·РSP°С†Р°С,РР РіС†СРµРіР°С†С, С† РіРµС†С-РсР† РіРсР†РІР°Р°РSPSCІ РіС†С†Р†Р†С.

Р—Р†Р°С,РSC-С†С,С» РІРіР»РРРРРРР,РР РSP° СРІРРР†РРРР-С†С,С» С†СРµР†С-С— РіС†СРР РРРµС†С†РІР°Р°РSPSC- Р°РІС,РсС,С†СР°С†РіРіРсС†С,РсРј Р°Р±Рс С-РSCРРРРР РјРµС...Р°РSC-Р·РјР°РјРР.

Р"РсС†РІС-Р† РРР»С-РSC-С†РSPсРіРс Р·Р°С†С,РсС†С†РІР°Р°РSPSCІ С†РµС,,РсРіРµС†СР·РсРSC† РІРРРР·Р·С" РSP° С,Рµ, С%Рс РІРіР»РРРР РіС†СРµРіР°С†С,С† РSP° Р·Р†Р°С,РSC-С†С,С» РіР°С†С-С"РSC,Р° РРµРµС†С†РІРРР,РР С,С†СР°С†РіРіРсС†С,РSPРРР Р·Р°С†РсР±Р°РјРР Р°Р±Рс РіС†СР°С†С†РІРРР,РР Р· С-РSCРРРРР РјРµС...Р°РSC-Р·РјР°РјРР РјР°Р»РсРІС-С†СРSPРР.

$$PuP^{\circ}C\uparrow C-C''PSC,P\ddot{e}C-P\cdot PiPsC\overline{H}C\acute{a}C\epsilon PuPSPSC\overline{H}PiP\ddot{e}C,,C\acute{a}PSP\epsilon C\uparrow C-C-PSP\ddot{e}C\overline{H}PsP\epsilon.$$

PhCfPeC-P»CHPePë PSPëCfPePë PSPµ C” PiPsP»PsPIPSPëPj CëP»CfC...PsPj
PIPëPIPµPrPµPSPSCf PiCfPµPiP°CfP°C,Cf P”PµPiP°C†PµC,,^{B®}, C...PIPsCfPëPj P·
CfCfP°P¶PµPSPSCfPj PSPëCfPsPe P·PIPëC†P°PNëPSCf PrPsP±PsPICf PrPsP·Cf (2Bf”4 Pi)
PjPsP¶PSP° PiCfPëP·PSP°C†P°C,Pë P±PµP· PePsCfPëPiCfPIP°PSPSCf. P”P»Cf
PiP°C†C-C”PSC,C-PI, Cf CfPePëC... CëPIPëPrPeC-CfC,CH PeP»CfP±PsC†PePsIPsC—
C,,C-P»CHC,CfP°C†C-C— PSPëP¶C†P° P·P° 18 PjP»/C...PI P°P±Ps CfPëCfPsPIP°C,PePsPIPëPNë
CfC-PIPµPSCf PeCfPµP°C,PëPSC-PSCf PiPµCfPµPIPëC%oCfC” 3,5 PjPi/100 PjP»,
PjP°PeCfPëPjP°P»CHPSP° PrPsP±PsPIP° PrPsP·P° CfC,P°PSPsPIPëC,CH 4 Pi.

PµPµCfC-PsPr PSP°PiC-PIPIPëPIPµPrPµPSPSCf PiCfPµPiP°CfP°C,Cf P”PµPiP°C†PµC,,^{B®}
C-P· CfPëCfPsPIP°C,PePë PeCfPsPIC- PrPµC%oPs P·PSPëP¶CfC”C,CHCfCf PiC-Pr C†P°Cf
PiPµPjPsPrC-P°P»C-P·Cf. P’PIPµPrPµPSPSCf PiCfPµPiP°CfP°C,Cf CfP»C-Pr
P·PrC-PNëCfPSCfPIP°C,Pë PiC-CfP»Cf P·P°PeC-PSC†PµPSPSCf PiCfPsC†PµPrCfCfPë
PrC-P°P»C-P·Cf.

PµP°C†C-C”PSC,Pë C-P· PiPsCfCzCëPµPSPSCfPjPë C,,CzPSPeC†C-C— PiPµC†C-PSPePë C-
CfCzPiCzC,PSC-Pj CzCfP°P¶PµPSPSCfPj C,,CzPSPeC†C-C— PSPëCfPsPe.

Pj PiP°C†C-C”PSC,C-PI C - P· PiPsCfCfCëPµPSPSCfPjPë C,,CfPSPeC†C-C—
PiPµC†C-PSPePë C,P° CfCfPiCfC,PSC-Pj CfCfP°P¶PµPSPSCfPj PSPëCfPsPe
PSPµPsP±C...C-PrPSPs PePsPSC,CfPsP»CfPIP°C,Pë PePsPSC†PµPSC,CfP°C†C-Cf
PiCfPµPiP°CfP°C,Cf Cf CfPëCfPsPIP°C,C†C- PeCfPsPIC- C,P° PePsCfPëPiCfPIP°C,Pë
PrPsP·Cf PI CfP°P·C- PSPµPsP±C...C-PrPSPsCfC,C-. PiPeC%oPs
PePsPSC†PµPSC,CfP°C†C-Cf PiCfPµPiP°CfP°C,Cf PI CfPëCfPsPIP°C,C†C- PeCfPsPIC-
PSPµ PePsPSC,CfPsP»CfCfC,CH, PrPsP·P° PSPµ PiPsPIPëPSPSP°
PiPµCfPµPIPëC%oCfPIP°C,Pë 2 Pi PSP° PrPsP±Cf.

P”C-C,Pë.

P”P»Cf P»C-PeCfPIP°PSPSCf PrC-C,PµPNë P”PµPiP°C†PµC,,^{B®} CfP»C-Pr
PiCfPëP·PSP°C†P°C,Pë Cf PrPsP±PsPIPëC... PrPsP·P°C... PIC-Pr 50 PrPs 200 PjPi PSP° 1 PePi
PjP°CfPë C,C-P»P°; PrPsP·Cf P·P°CfC,PsCfPsPICfCfC,CH P·P° 2 PIPµPrPµPSPSCf
(PePsP¶PSC- 8Bf”12 PiPsPrPëPS). PhP°PeCfPëPjP°P»CHPSP° PrPsP·P° PSPµ PiPsPIPëPSPSP°
PiPµCfPµPIPëC%oCfPIP°C,Pë 12 Pi PSP° PrPsP±Cf (PrPëPI. CfPsP·PrC-P»
B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

P”PsP±PsPIC- PrPsP·Pë PrPs 300 PjPi/PePi P·P°CfC,PsCfPsPICfPIP°P»Pë PrP»Cf
P»C-PeCfPIP°PSPSCf PrC-C,PµPNë P· C,CfP¶PePëPjPë C-PSC,,PµPeC†C-CfPjPë,
PIPeP»CfC†P°CfC†Pë PeC-P»CHPePsC... PiP°C†C-C”PSC,C-PI C-P·
P±P°PeC,PµCfC-P°P»CHPSPëPj PjPµPSC-PSPiC-C,PsPj, C%oPs PSPµ CfPiCfPëC†PëPSCfP»Ps
CfCfPeP»P°PrPSPµPSCf.

PkPsIPsPSP°CfPsPrP¶PµPSC-.

PkPsIPsPSP°CfPsPrP¶PµPSPëPj (PrPs 8 PrPSC-PI) PiCfPµPiP°CfP°C, CfP»C-Pr
PIIPsPrPëC,Pë C†PµCfPµP· PePsP¶PSC- 12 PiPsPrPëPS.

P’PSCzC,CfC-CëPSCfPsPIPµPSPSPµ P·P°CfC,PsCfCzPIP°PSPSCf PrC-C,CfPj C,P°
PrPsCfPsCfP»PëPj.

P"»CŁ PĭPμCĤPμCĤPĕPIC†P°CŦC,PsC— PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPsC—
C-PSC,,CŦP·C-C— 1 Pi PĭCĤPμPĭP°CĤP°C,CŦ P"PμPĭP°C†PμC,,^{B®} (PIPjC-CŦC, 1
C,,P»P°PePsPSP°) CŦP»C-Pr CĤPsP·C†PĕPSPĕC,Pĕ CŦ 20bĤ"100 PjP» CŦCŦPjC-CŦPSPsPiPs
CŦC,PμCĤPĕP»CHPSPsPiPs CĤPsP·C†PĕPSCŦ PrP»CŁ PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPĕC...
C-PSbĤ™C"PĕC†C-PNĕ C- PIIPsPrPĕC,Pĕ PĭCĤPsC,CŁPiPsPj 15 C...PIPĕP»PĕPS bĤ" 1
PiPsPrPĕPSPĕ. PĭPĕC%Ps CĤPsP·C†PĕPSPSPĕPePsPj C" CŦC,PμCĤPĕP»CHPSP° PIPsPrP°, C,Ps CŦ
C,,P»P°PePsPS C-P· PĭCĤPμPĭP°CĤP°C,PsPj CŦP»C-Pr PrPsPrP°C,Pĕ C—C— PSPμ P±C-P»CHCĕPμ
PSC-P¶ 20 PjP».

P"»CŁ P±PμP·PĭPμCĤPμCĤPIPSPsC— PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPsC—
C-PSC,,CŦP·C-C— 1 Pi PĭCĤPμPĭP°CĤP°C,CŦ P"PμPĭP°C†PμC,,^{B®} PIC-PrPSPsPIP»CHCĤC,CH
P°P±Ps CŦ 5 PjP» CŦC,PμCĤPĕP»CHPSPsC— PIPsPrPĕ PrP»CŁ C-PSbĤ™C"PĕC†C-PNĕ, P°P±Ps CŦ
5 PjP» P±P°PeC,PμCĤC-PsCŦC,P°C,PĕC†PSPsC— PIPsPrPĕ PrP»CŁ C-PSbĤ™C"PĕC†C-PNĕ;
C†PμPNĕ CĤPsP·C†PĕPS PrPsPrP°CĤC,CH PrPs PIC-PrPĭPsPIC-PrPSPsPiPs
CĤPsP·C†PĕPSPSPĕPeP° PrP»CŁ PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPsPiPs PIIPμPrPμPSPSCŁ.

P"»CŁ P±PμP·PĭPsCŦPμCĤPμPrPSCĤPsC— PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPsC—
C-PSbĤ™C"PĕC†C-C— PjP°PeCŦPĕPjP°P»CHPSP° CĤP°P·PsPIP° PrPsP·P° PĭCĤPμPĭP°CĤP°C,CŦ
P"PμPĭP°C†PμC,,^{B®} PrP»CŁ PrPsCĤPsCŦP»PĕC... PĭP°C†C-C"PSC,C-PI CŦC,P°PSPsPIPĕC,CH 2 Pi,
PrP»CŁ PrC-C,PμPNĕ bĤ" 50 PjPi/PePi PjP°CŦPĕ C,C-P»P°. PμCĤPμPĭP°CĤP°C, CŦP»C-Pr
CĤPsP·C†PĕPSPĕC,Pĕ CŦ PIC-PrPĭPsPIC-PrPSPsPjCŦ CĤPsP·C†PĕPSPSPĕPeCŦ PrP»CŁ
PrPsCŦCŁPiPSPμPSPSCŁ PeC-PSC†PμPIPSC— PePsPSC†PμPSC,CĤP°C†C-C— 100 PjPi/PjP» C-
PIIPsPrPĕC,Pĕ PĭCĤPsC,CŁPiPsPj PSPμ PjPμPSCĕPμ 3bĤ"5 C...PIPĕP»PĕPS.

P"»CŁ P°PSC,PĕP±P°PeC,PμCĤC-P°P»CHPSPsC— PĭCĤPsC,,C-P»P°PeC,PĕPePĕ
PĭC-CŦP»CŁPsPĭPμCĤP°C†C-PNĕPSPĕC... CŦCŦPeP»P°PrPSPμPSCĤ PĭCĤPĕP·PSP°C†P°CĤC,CH
PĭPs 1 Pi P°P±Ps 2 Pi PĭCĤPμPĭP°CĤP°C,CŦ PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPs P·P° 30bĤ"90
C...PIPĕP»PĕPS PrPs PĭPsC†P°C,PeCŦ PsPĭPμCĤP°C†C-C—. P"PsP·CŦ PjPsP¶PSP°
PĭPsPIC,PsCĤCĤPIP°C,Pĕ C†PμCĤPμP· PePsP¶PSC- 12 PiPsPrPĕPS, PsPrPSP°Pe CŦ
P±C-P»CHCĕPsCŦC,C- PIPĕPĭP°PrPeC-PI bĤ" PĭCĤPsC,CŁPiPsPj PSPμ P±C-P»CHCĕPμ
24 PiPsPrPĕPS. PμCĤPĕ PsPĭPμCĤP°C†C-CŁC... P· PĭC-PrPIPĕC%PμPSPĕPj CĤPĕP·PĕPePsPj
C-PSC,,C-PeCŦPIP°PSPSCŁ (PSP°PĭCĤPĕPeP»P°Pr, PsPĭPμCĤP°C†C-C— CŦ
PePsP»PsCĤPμPeC,P°P»CHPSC-PNĕ P·PsPSC-) C,P° PePsP»Pĕ C-PSC,,C-PeCŦPIP°PSPSCŁ
PjPsP¶Pμ CŦCŦPĭCĤPsPiPsPrP¶CŦPIP°C,PĕCŦCŁ C,CŁP¶PePĕPjPĕ
CŦCŦPeP»P°PrPSPμPSPSCŁPjPĕ (PSP°PĭCĤPĕPeP»P°Pr, PĭCĤPĕ PsPĭPμCĤP°C†C-CŁC... PSP°
PIC-PrPeCĤPĕC,PsPjCŦ CŦPμCĤC†C- P°P±Ps PĭCĤPsC,PμP·CŦPIP°PSPSC- CŦCŦPiP»PsP±C-PI),
PĭCĤPsC,,C-P»P°PeC,PĕC†PSPμ P·P°CŦC,PsCŦCŦPIP°PSPSCŁ PĭCĤPμPĭP°CĤP°C,CŦ PjPsP¶Pμ
C,CĤPĕPIP°C,Pĕ PĭCĤPsC,CŁPiPsPj 72 PiPsPrPĕPS PĭC-CŦP»CŁ P·P°PeC-PSC†PμPSPSCŁ
PsPĭPμCĤP°C†C-C—.

P'PSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPμ PIIPμPrPμPSPSCŁ.

PŸC,PμCĤPĕP»CHPSPĕPNĕ PĭPsCĤPsCĕPsPe P"PμPĭP°C†PμC,,^{B®} PjPsP¶PSP° CŦPĭPsC†P°C,PeCŦ
CĤPsP·C†PĕPSPĕC,Pĕ P·P° PrPsPĭPsPjPsPiPsCĤ P±CŦPrCH-CŁPePsPiPs CŦCŦPjC-CŦPSPsPiPs
CĤPsP·C†PĕPSPSPĕPeP° (C%PsPSP°PNĕPjPμPSCĕPμ 2,8 PjP»/Pi C†PμC,,PsPĭPμCĤP°P·PsPSCŦ),
PĭCĤPĕPNĕPSCŁC,PSPsPiPs PrP»CŁ PIPSCŦC,CĤC-CĕPSCĤPsPIPμPSPSPsPiPs
PIIPμPrPμPSPSCŁ. P— PjPμC,PsCĤ PĭPsP»PμPiCĕPμPSPSCŁ PIC-PrPSPsPIP»PμPSPSCŁ
CĤPμPePsPjPμPSPPrCŦC"CHCŦCŁ P·P°CŦC,PsCŦPsPICŦPIP°C,Pĕ 5 PjP» CĤPsP·C†PĕPSPSPĕPeP°
PSP° 1 Pi PĭCĤPμPĭP°CĤP°C,CŦ P"PμPĭP°C†PμC,,^{B®}.

$P\text{PsP}\cdot C\ddot{P}\ddot{P}SP\ddot{P}$, $C\ddot{H}P_{\mu}PePsPjP_{\mu}PSPPrPsPIP^{\circ}PSC$ – $PrP\gg C\ddot{I}I\text{PIC}$ – $PrPSPsPIP\gg P_{\mu}PSPSC\ddot{I}I$
 $PiPsC\ddot{H}PsC\ddot{E}PeC\acute{z}C\ddot{I}P_{\mu}C_{\mu}$, $PsPiP_{\mu}C\ddot{H}P^{\circ}P\cdot PsPSC\acute{z}PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$: 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 10 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,9 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 0,9 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; $P\acute{K}PsC\ddot{H}PjPsC\ddot{I}PsP\gg$ – M C, P° 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,2 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$
 $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; $P\acute{K}PsC\ddot{H}PjPsC\ddot{I}PsP\gg$ – R ; $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{P}\gg CH\ddot{P}SP^{\circ}$ $PIPsPrP^{\circ}$
 $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$.

$P_{\mu}C$ – $C\ddot{I}P\gg C\ddot{I}I\text{PIC}$ – $PrPSPsPIP\gg P_{\mu}PSPSC\ddot{I}I$ $PsPrP_{\mu}C\ddot{H}P_{\mu}P^{\circ}PSP\ddot{P}PN_{\ddot{e}}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PS$ $C\ddot{I}P\gg C$ – Pr
 $C\ddot{H}PsP\cdot PIP_{\mu}C\ddot{I}C, P\ddot{e}$ $PsPrPSP\ddot{P}Pj$ $P\cdot C$ – $C\ddot{I}C, P^{\circ}PSPPrP^{\circ}C\ddot{H}C, PSP\ddot{P}C\ldots$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSPSP\ddot{P}PeC$ – PI
 $PrP\gg C\ddot{I}I$ $PIPSC\ddot{I}C, C\ddot{H}C$ – $C\ddot{E}PSC\ddot{H}PsPIP_{\mu}PSPSPsPiPs$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$: 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$
 $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 10 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PS$ P C – $PSPiP_{\mu}C\ddot{H}P^{\circ}$ $P\gg P^{\circ}PeC, P^{\circ}C, PSP\ddot{P}PN_{\ddot{e}}$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PS$ P C – $PSPiP_{\mu}C\ddot{H}P^{\circ}$ $P\gg P^{\circ}PeC, P^{\circ}C, PSP\ddot{P}PN_{\ddot{e}}$ $PrP\gg C\ddot{I}I$
 C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 0,9 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P° 0,9 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$; $P\acute{K}PsC\ddot{H}PjPsC\ddot{I}PsP\gg$ – M C, P° 5 %
 $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$; $P\acute{K}PsC\ddot{H}PjPsC\ddot{I}PsP\gg$ – R ; 5 % $PiP\gg C\ddot{H}PePsP\cdot P^{\circ}$ C, P°
0,2 % $PSP^{\circ}C, C\ddot{H}C$ – $C\ddot{H}$ $C\ldots P\gg PsC\ddot{H}P\ddot{P}Pr$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$.

$P^{\circ}PSC\acute{z}C, C\ddot{H}C$ – $C\ddot{E}PSC\ddot{H}PsPj\ddot{H}^{\text{TM}}C\ddot{I}I$ – $PsPIP_{\mu}$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$

$P^{\circ}P\gg C\ddot{I}I$ $PiC\ddot{H}P\ddot{P}PiPsC, C\ddot{I}PIP^{\circ}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$, $PiC\ddot{H}P\ddot{P}\cdot PSP^{\circ}C\ddot{I}P_{\mu}PSPsPiPs$ $PrP\gg C\ddot{I}I$
 $PIPSC\ddot{I}C, C\ddot{H}C$ – $C\ddot{E}PSC\ddot{H}PsPj\ddot{H}^{\text{TM}}C\ddot{I}I$ – $PsPIP_{\mu}PiPs$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$, $PjPsP_{\mu}PSP^{\circ}$
 $PIP\ddot{P}PePsC\ddot{H}P\ddot{P}C\ddot{I}C, PsPIC\ddot{I}PIP^{\circ}C, P\ddot{e}$ $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{P}\gg CH\ddot{P}SC\ddot{I}$ $P^{\circ}P\pm Ps$
 $P\pm P^{\circ}PeC, P_{\mu}C\ddot{H}C$ – $PsC\ddot{I}C, P^{\circ}C, P\ddot{e}C\ddot{I}PSC\ddot{I}$ $PIPsPrC\ddot{I}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$. $P\ddot{I}PeC\%Ps$
 $PiP_{\mu}C\ddot{H}P_{\mu}PrP\pm P^{\circ}C\ddot{I}P^{\circ}C, CH\ddot{C}\ddot{I}C\ddot{I}I$ $PIPIP_{\mu}PrP_{\mu}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$ P ·
 $PePsPSC\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}C\ddot{I}C$ – $C^{\text{TM}}C\ddot{H}$ 250 $PjPi/PjP\gg$ $P^{\circ}P\pm Ps$ $PIP\ddot{P}C\%P_{\mu}$, $PrP\gg C\ddot{I}I$
 $PiC\ddot{H}P\ddot{P}PiPsC, C\ddot{I}PIP^{\circ}PSPSC\ddot{I}I$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$ $C\ddot{H}P_{\mu}PePsPjP_{\mu}PSPPrC\ddot{I}C^{\text{TM}}C, CH\ddot{C}\ddot{I}C\ddot{I}I$
 $PIP\ddot{P}PePsC\ddot{H}P\ddot{P}C\ddot{I}C, P^{\circ}C, P\ddot{e}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PS$ $P\gg C$ – $PrPsPeP^{\circ}C$ – $PSC\ddot{I}$. $P\ddot{Y}P^{\circ}PeP\ddot{P}PN_{\ddot{e}}$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PS$
 $PjPsP_{\mu}PSP^{\circ}$ $PiC\ddot{H}P\ddot{P}PiPsC, C\ddot{I}PIP^{\circ}C, P\ddot{e}$, $PIP\ddot{P}PePsC\ddot{H}P\ddot{P}C\ddot{I}C, PsPIC\ddot{I}C\ddot{H}C\ddot{I}P\ddot{P}$ $PePsPjP\pm C$ – $PSP^{\circ}C\ddot{I}C$ – $C\ddot{H}$
 $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{P}\gg CH\ddot{P}SPsC$ – $PIPsPrP\ddot{P}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$ C, P° 2 % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$
 $P\gg C$ – $PrPsPeP^{\circ}C$ – $PSC\ddot{I}$ PiC – $PrC\ddot{H}PsC\ldots P\gg PsC\ddot{H}P\ddot{P}PrC\ddot{I}$, $C\%Ps$ $PjP^{\circ}PN_{\ddot{e}}P_{\mu}$ PIC – $PrPiPsPIC$ – $PrP^{\circ}C^{\text{TM}}$
 $PePsPSC\ddot{I}P_{\mu}PSC, C\ddot{H}P^{\circ}C\ddot{I}C$ – $0,5$ % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$ $P\gg C$ – $PrPsPeP^{\circ}C$ – $PSC\ddot{I}$
 PiC – $PrC\ddot{H}PsC\ldots P\gg PsC\ddot{H}P\ddot{P}PrC\ddot{I}$.

P $P_{\mu}PePsPjP_{\mu}PSPPrC\ddot{I}C^{\text{TM}}C, CH\ddot{C}\ddot{I}C\ddot{I}I$ 2– $P_{\mu}C, P^{\circ}PiPSP\ddot{P}PN_{\ddot{e}}$ $C\ddot{I}PiPsC\ddot{I}C$ – $P\pm$
 $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSP_{\mu}PSPSC\ddot{I}I$: $C\ddot{I}PiPsC\ddot{I}P^{\circ}C, PeC\ddot{I}$ $C\ddot{I}P\gg C$ – Pr $PrPsPrP^{\circ}C, P\ddot{e}$ $PSP_{\mu}PsP\pm C\ldots C$ – $PrPSC\ddot{I}$
 PeC – $P\gg CH\ddot{P}eC$ – $C\ddot{I}C, CH\ddot{C}$ $C\ddot{I}C, P_{\mu}C\ddot{H}P\ddot{P}\gg CH\ddot{P}SPsC$ – $PIPsPrP\ddot{P}$ $PrP\gg C\ddot{I}I$ C – $PSB\ddot{H}^{\text{TM}}C^{\text{TM}}PeC\ddot{I}C$ – $PN_{\ddot{e}}$ C –
 $P\cdot P\pm PsPIC, C\ddot{I}PIP^{\circ}C, P\ddot{e}$ $PrPs$ $PiPsPIPSPsPiPs$ $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSP_{\mu}PSPSC\ddot{I}I$ $PiPsC\ddot{H}PsC\ddot{E}PeC\ddot{I}$
 $P^{\text{B}\otimes}$ $P_{\mu}PiP^{\circ}C\ddot{I}P_{\mu}C_{\mu}$, PiC – $C\ddot{I}P\gg C\ddot{I}I$ $C\ddot{I}CH\ddot{P}PiPs$ $PrPsPrP^{\circ}C, P\ddot{e}$ $PSP_{\mu}PsP\pm C\ldots C$ – $PrPSC\ddot{I}$
 PeC – $P\gg CH\ddot{P}eC$ – $C\ddot{I}C, CH\ddot{C}$ 2 % $C\ddot{H}PsP\cdot C\ddot{I}P\ddot{P}PSC\ddot{I}$ $P\gg C$ – $PrPsPeP^{\circ}C$ – $PSC\ddot{I}$ C, P° $P\cdot PjC$ – $C\ddot{E}P^{\circ}C, P\ddot{e}$.

$P\ddot{Y}P^{\circ}P\pm P\gg P\ddot{e}C\ddot{I}I$ 2

$P\ddot{H}C$ – $PSC\ddot{I}P_{\mu}PIP^{\circ}$		II $P_{\mu}C, P^{\circ}Pi$, $PsP\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$ $PsP\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$ 2 % $P\gg C$ – $PrPsPeP^{\circ}C$ – $PSC\ddot{I}$, $PjP\gg$		$P\ddot{H}P\pm B\ddot{H}^{\text{TM}}C^{\text{TM}}Pj$, $C\%Ps$ $PIP\ddot{P}C, C\ddot{I}PiP^{\circ}C^{\text{TM}}C, CH\ddot{C}\ddot{I}C\ddot{I}I^*$, $PjP\gg$
$P\ddot{H}P\gg P^{\circ}PePsPS250$	2,6	0,9	4	
1 Pi 333	1,8	0,6	3	

* PќP°CЉIPSPёPNё PSP°PrP»PёCёPsPe PrPsP·PIPsP»CЉC" PIC-PrC-P±CђP°C,Pё C,P°
PIPIPµCЉC,Pё P·P°P·PSP°C†PµPSC- PsP±Bђ™C"PjPё.

P'PSCrC,CђC-CёPSCђPsPjBђ™CЉP·PsPIPµ PIPIPµPrPµPSPSCЉ
P·PrC-PNёCЉPSCђC"C,CHCЉCЉ PiP»PёP±PsPePs Cr PIIPµP»PёPePёPNё CЉC-PrPSPёC†PSPёPNё
PjBђ™CЉP· P°P±Ps Cr PiPµCђPµPrPSCђ PiPsPIPµCђC...PSCђ CЉC,PµPiPSP°.

P—P±PµCђC-PiP°PSPSCЉ CђPsP·C†PёPSC-PI

PŸC,P°P±C-P»CHPSC-CЉC,CH

PIC-PjC-C†PSP° C,P° C,,C-P·PёC†PSP° CЉC,P°P±C-P»CHPSC-CЉC,CH CђPsP·C†PёPSC-PI
C†PµC,,PsPiPµCђP°P·PsPSCr, PiCђPёPiPsC,PsPIP»PµPSPёC... C - P·
PIPёPePsCђPёCЉC,P°PSPSCЉPj PSP°PIPµPrPµPSPёC... PSPёP¶C†Pµ
PiP°CђPµPSC,PµCђP°P»CHPSPёC... CђPsP·C†PёPSPSPёPeC-PI C - P· P·P°P·PSP°C†PµPSPёPjPё
PiCђPёP±P»PёP·PSPёPjPё PePsPSC†PµPSC,CђP°C†C-CЉPjPё C†PµC,,PsPiPµCђP°P·PsPSCr,
P·P°P±PµP·PiPµC†CrC" CЉC,C-PNёPeC-CЉC,CH CђPsP·C†PёPSCr P·P° CrPjPsPIPё
PrPsC,CђPёPjP°PSPSCЉ PIPeP°P·P°PSPёC... C,PµPjPiPµCђP°C,CrCђPSPёC... CђPµP¶PёPjC-PI
C,P° C,PµCђPjC-PSC-PI P·P±PµCђC-PiP°PSPSCЉ. PµC-CЉP»CЉ P·P°PeC-PSC†PµPSPSCЉ
PIPeP°P·P°PSPSiPs C,PµCђPjC-PSCr PSPµPIPёPePsCђPёCЉC,P°PSPёPNё CђPsP·C†PёPS
PiC-PrP»CЉPiP°C" P·PSPёC%PµPSPSCђ.

P—P° CЉC,P°P±C-P»CHPSPSC— PeC-PjPSP°C,PSPsC— C,PµPjPiPµCђP°C,CrCђPё (15Bђ"25B° PŸ)
PiCђPsC,CЉPiPsPj 24 PiPsPrPёPS PjPsP¶PSP° P·P±PµCђC-PiP°C,Pё CђPsP·C†PёPSPё
C†PµC,,PsPiPµCђP°P·PsPSCr PI C,P°PePёC... CђPsP·C†PёPSPSPёPeP°C... (Cr PrCrP¶PeP°C...
PSP°PIPµPrPµPSC- PiCђPёP±P»PёP·PSC- PePsPSC†PµPSC,CђP°C†C-C—
C†PµC,,PsPiPµCђP°P·PsPSCr): P±P°PeC,PµCђC-PsCЉC,P°C,PёC†PSP° PIPsPrP° PrP»CЉ
C-PSBђ™C"PeC†C-PNё (300 PjPi/PjP»); 5 % PiP»CђPePsP·P° PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi
PrPs 50 PjPi/PjP»); 5 % PiP»CђPePsP·P° PrP»CЉ C-PSBђ™C"PeC†C-PNё C,P° CђPsP·C†PёPS
P C-PSPiPµCђP° P»P°PeC,P°C,PSPёPNё PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»);
5 % PiP»CђPePsP·P° C,P° 0,9 % PSP°C,CђC-Cђ C...P»PsCђPёPr PrP»CЉ C-PSBђ™C"PeC†C-PNё
(2 PjPi PrPs 50 PjPi/PjP»); 5 % PiP»CђPePsP·P° C,P° 0,2 % PSP°C,CђC-Cђ C...P»PsCђPёPr PrP»CЉ
C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»); 10 % PiP»CђPePsP·P° PrP»CЉ
C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»); CђPsP·C†PёPS P C-PSPiPµCђP°
P»P°PeC,P°C,PSPёPNё PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi/PjP»); 0,5 % P»C-PrPsPeP°C—PSCr
PiC-PrCђPsC...P»PsCђPёPr PrP»CЉ C-PSBђ™C"PeC†C-PNё (300 PjPi/PjP»); 0,9 % PSP°C,CђC-Cђ
C...P»PsCђPёPr PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs 300 PjPi/PjP»); PќPsCђPjPsCЉPsP»-M
C,P° 5 % PiP»CђPePsP·P° PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs 50 PjPi/PjP»);
PќPsCђPjPsCЉPsP»-R (2 PjPi PrPs 50 PjPi/PjP»); CЉC,PµCђPёP»CHPSP° PIPsPrP° PrP»CЉ
C-PSBђ™C"PeC†C-PNё (300 PjPi/PjP»). P'C-PrPSPsPIP»PµPSC- CђPsP·C†PёPSPё

PiCђPµPiP°CђP°C,Cr P"PµPiP°C†PµC,,^{B®} PjPsP¶PSP° P·P±PµCђC-PiP°C,Pё Cr
CЉPeP»CЉPSPёC... P°P±Ps PiP»P°CЉC,PjP°CЉPsPIPёC... CёPiCђPёC†P°C..., CЉPeP»CЉPSPёC...
P°P±Ps PiPSCrC†PePёC... PiP»P°CЉC,PjP°CЉPsPIPёC... C"PjPSPsCЉC,CЉC..., C%Ps
PiCђPёP·PSP°C†PµPSC- PrP»CЉ PiP°CђPµPSC,PµCђP°P»CHPSPёC... CђPsP·C†PёPSC-PI.

PµCђPsC,CЉPiPsPj 5 PrPSC-PI Cr C...PsP»PsPrPёP»CHPSPёPeCr (2Bђ"8B° PŸ), Cr
PSP°CЉC,CrPiPSPёC... CђPsP·C†PёPSPSPёPeP°C... (Cr PrCrP¶PeP°C... PSP°PIPµPrPµPSC-
PiCђPёP±P»PёP·PSC- PePsPSC†PµPSC,CђP°C†C-C— C†PµC,,PsPiPµCђP°P·PsPSCr):
P±P°PeC,PµCђC-PsCЉC,P°C,PёC†PSP° PIPsPrP° PrP»CЉ C-PSBђ™C"PeC†C-PNё
(300 PjPi/PjP»); 5 % PiP»CђPePsP·P° PrP»CЉ C-PSBђ™C"PeC†C-PNё (2 PjPi PrPs
50 PjPi/PjP»); 5 % PiP»CђPePsP·P° C,P° 0,9 % PSP°C,CђC-Cђ C...P»PsCђPёPr PrP»CЉ

C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,2 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); CHPsP·C†PëPS P C-PSPiPμCHP° P»P°PeC,P° C,PSPëPN₂ PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»); 0,5 % P»C-PrPsPeP° C—PSC† PiC-PrCHPsC...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»); 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 300 PjPi/PjP»); PkPsCHPjPsC†PsP»-M C,P° 5 % PiP»CHPePsP·P° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi PrPs 50 PjPi/PjP»); PkPsCHPjPsC†PsP»-R (2 PjPi PrPs 50 PjPi/PjP»); C†C,PμCHPëP»CHBPSP° PIPsPrP° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP») PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë PIC-PrPSPsPIP»PμPSC- CHPsP·C†PëPSPë PiCHPμPiP°CHP° C,C† P" PμPiP°C†PμC,,^{B®} C† C†PeP»CΠPSPëC... P°P±Ps PiP»P°C†C,PjP°C†PsPIPëC... CëPiCHPëC†P° C..., C†PeP»CΠPSPëC... P°P±Ps PiPSC†C†PePëC... PiP»P°C†C,PjP°C†PsPIPëC... C" PjPePsC†C,CΠC..., C%Ps PiCHPëP·PSP° C†PμPSC- PrP»CΠ PiP°CHPμPSC,PμCHP°P»CHBPSPëC... CHPsP·C†PëPSC-PI.

P PsP·C†PëPSPë C†PμC,,PsPiPμCHP°P·PsPSC† C† PSPëPΠC†PμP·P°P·PSP° C†PμPSPëC... CHPsP·C†PëPSPSPëPeP° C... (C† PrC†PΠPeP° C... PSP°PIPμPrPμPSC- PiCHPëP±P»PëP·PSC- PePsPSC†PμPSC,CHP°C†C-C— C†PμC,,PsPiPμCHP°P·PsPSC†) PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë C† PjPsCHPsP·PëP»CHBPSC-PN₂ PeP°PjPμCHC- (PIC-Pr -20 PrPs -10 °PŸ) PiCHPsC,CΠPiPsPj 3 C,PëPΠPSC-PI: 5 % PiP»CHPePsP·P° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (50 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»); 5 % PiP»CHPePsP·P° C,P° 0,2 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (2 PjPi/PjP»), P°P±Ps PiCHPsC,CΠPiPsPj 5 C,PëPΠPSC-PI: 0,9 % PSP° C,CHC-CH C...P»PsCHPëPr PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»); C†C,PμCHPëP»CHBPSP° PIPsPrP° PrP»CΠ C-PSBTM C"PeC†C-PN₂ (300 PjPi/PjP»). P' C-PrPSPsPIP»PμPSC- CHPsP·C†PëPSPë PjPsPΠPSP° P·P±PμCHC-PiP° C,Pë C† PiP»P°C†C,PjP°C†PsPIPëC... CëPiCHPëC†P° C... P°P±Ps PiPSC†C†PePëC... PiP»P°C†C,PjP°C†PsPIPëC... C" PjPePsC†C,CΠC..., C%Ps PiCHPëP·PSP° C†PμPSC- PrP»CΠ PiP°CHPμPSC,PμCHP°P»CHBPSPëC... CHPsP·C†PëPSC-PI.

P PsP·PjPsCHPsPΠC†PIP° C,Pë PiCHPμPiP°CHP° C, PiPμCHPμPr P·P°C†C,PsC†C†PIP°PSPSCΠPj PiPsC,CHC-P±PSPs PiCHPë PeC-PjPSP° C,PSC-PN₂ C,PμPjPiPμCHP° C,C†CHC-. PμC-C†P»CΠ CHPsP·PjPsCHPsPΠC†PIP°PSPSCΠ PSPμPIPëPePsCHPëC†C,P°PSPëPN₂ CHPsP·C†PëPS PiC-PrP»CΠPiP° C" P·PSPëC%PμPSPSCH. P PsP·C†PëPS PSPμ PjPsPΠPSP° PiPsPIC,PsCHPsPs P·P°PjPsCHPsPΠC†PIP° C,Pë.

P— PjC-PeCHPsP±C-PsP»PsPiC-C†PSPsC— C,PsC†PePë P·PsCHC† PiCHPμPiP°CHP° C, C†P»C-Pr PIPëPePsCHPëC†C,P° C,Pë PSPμPiP°PN₂PSPs. PiPeC%Ps PSPμ PIPëPePsCHPëC†C,P° C,Pë PsPrCHP°P·C†, C†P°C† P·P±PμCHC-PiP°PSPSCΠ C,P° PrPsC,CHPëPjP°PSPSCΠ C†PjPsPI PiPμCHPμPr P·P°C†C,PsC†C†PIP°PSPSCΠPj PiCHPμPiP°CHP° C,C† C" PIC-PrPiPsPIC-PrP°P»CHBPSC-C†C,CH PePsCHPëC†C,C†PIP°C†C-PI C- P·P°P·PIPëC†P°PN₂ PSPμ PjPsPΠPμ PiPμCHPμPIPëC% C†PIP° C,Pë 24 PiPsPrPëPSPë PiCHPë C,PμPjPiPμCHP° C,C†CHC- 2BŸ"8B°PŸ, CΠPeC%Ps C,C-P»CHPePë PIC-PrPSPsPIP»PμPSPSCΠ/CHPsP·PIPμPrPμPSPSCΠ PSPμ PIC-PrP±C†P»PsC†CΠ PI PePsPSC,CHPsP»CHPsPIP°PSPëC... C- PiPμCHPμPIC-CHPμPSPëC... P°C†PμPiC,PëC†PSPëC... C†PjPsPIP° C....

P" C-C,Pë.

P" PëPI. CHPsP·PrC-P» B«PŸPiPsC†C-P± P·P°C†C,PsC†C†PIP°PSPSCΠ C,P° PrPsP·PëB».

P|PμC,,PsPiPμCḡP°P·PsPS PμC,,PμPeC,PēPIPSPs P·P°CÍ'C,PscÍ'PsPICrCḡC,CH PrC-C,C|Pj C-P·
 PSP°CḡPsPrP¶PμPSPSC|I. PḡP°CÍ'C€C,P°P±PSC- PrPsCÍ'P»C-PrP¶PμPSPSC|I P·P° C rC‡P°CÍ'C,Cḡ
 PSPμPrPsPSPSc€PμPSPëC... PSPμPjPsPIP»C|I,C, C- PSPsPIPsPSP°CḡPsPrP¶PμPSPëC... PSPμ
 PiCḡPsPIPsPrPëP»PëCÍ'C|I. PÿPsPjCr PiPμCḡPμPr PiCḡPëP·PSP°C‡PμPSPSC|I Pj
 C‡PμC,,PsPiPμCḡP°P·PsPSCr PSPμPrPsPSPSc€PμPSPëPj PSPμPjPsPIP»C|I,C,P°Pj C-
 PSPsPIPsPSP°CḡPsPrP¶PμPSPëPj CÍ'P»C-Pr CḡPμC,PμP»CHPSPs P·PIP°P¶PëC,Pë
 PiPsC,PμPSC‡C-PNēPSC- PiPμCḡPμPIP°PiPë C- PjPsP¶P»PëPIC- CḡPëP·PëPePë C,PμCḡP°PiC-C—
 C‡PëPj PiCḡPμPiP°CḡP°C,PSPj.

PuPμCηPμPΓPsP·CζPIP°PSPSCμ.

$$PuPsP_{\pm}C-C\sharp PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\bar{\mid}C-C-.$$

$P - P \pm P_s P_e C \acute{e} C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} P_j P \ddot{e} P_e C \acute{I} P_s P_{I C} - C, P^{\circ} P \gg C - P_j C, P^{\circ} C, P \ddot{e} C \neq P S P_s C - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} P_j P \ddot{e}:$
 $P r C r P \P P_{\mu} C \neq P^{\circ} C \acute{I} C, P_s - P \cdot P S P \ddot{e} P \P P_{\mu} P S P S C \sqcup C \acute{I} C - P I P S C \sqcup P i P_{\mu} P_j P_s P i P \gg P_s P \pm C - P S C \acute{r},$
 $P \cdot P S P \ddot{e} P \P P_{\mu} P S P S C \sqcup C \acute{I} C - P I P S C \sqcup P i P_{\mu} P_j P^{\circ} C, P_s P_e C \acute{I} P \ddot{e} C, C \acute{r}; C \neq P^{\circ} C \acute{I} C, P_s -$
 $P S P_{\mu} P_{N \circ} C, C \acute{I} P_s P i P_{\mu} P S C - C \sqcup, P i P_s P \cdot P \ddot{e} C, P \ddot{e} P I P S P^{\circ} P i C \acute{I} C \sqcup P_j P^{\circ} P^{\circ} P S C, P \ddot{e} P i P \gg P_s P \pm C \acute{r} P \gg C - P S P_s P I P^{\circ}$
 $P i C \acute{I} P_s P_s P \pm P^{\circ} P_{\text{b}} C \acute{r} P_j P \pm C \acute{I} P^{\circ}, C, C \acute{I} P_s P_j P \pm P_s C \neq P \ddot{e} C, P_s P i P_{\mu} P S C - C \sqcup, P_{\mu} P_s P \cdot P \ddot{e} P S P_s C, C - P \gg C - C \sqcup;$

$C\ddot{P}^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-PiC-\ddot{P}iPs\ddot{P}iC\ddot{H}PsC,C\ddot{H}PsPjP\pm C-PSP_{\mu}PjC-Cl$;
 $PePsP^{\circ}PiC\dot{r}P\rangle Ps\ddot{P}iP^{\circ}C,C-Cl$.

$P-P\pm PsPeC\acute{z}C-PjC\acute{z}PSPSPsC-ClP\ddot{e}C\dot{I}C,P_{\mu}PjP\ddot{e}$: $C\ddot{P}^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,P\ddot{e}C\ddot{P}SP\ddot{e}PN_{\circ}C\ddot{e}PsPe,P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,P\ddot{e}C\ddot{P}SP^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-Cl$,
 $P^{\circ}PSP^{\circ}C,,C-P\rangle P^{\circ}PeC,PsC-PrPSP^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-Cl$ ($PIPeP\rangle C\ddot{H}C\ddot{P}^{\circ}C\ddot{H}C\ddot{P}\ddot{e}C\ddot{e}PsPe$),
 $PiC-\ddot{P}iP_{\mu}C\ddot{H}C\ddot{P}C\dot{r}C,P\rangle P\ddot{e}PIC-C\dot{I}C,CH$.

$P-P\pm PsPeC\acute{z}C\dot{I}C\acute{z}PrP\ddot{e}PS$: $C\ddot{P}^{\circ}C\dot{I}C,Ps-C,,P\rangle P_{\mu}P\pm C-C,C\dot{r}PjC-C\dot{I}C\dot{t}C-$
 $\ddot{P}iC-PrB\ddot{H}^{\text{TM}}C''PrPSP^{\circ}PSPSClPeP^{\circ}C,P_{\mu}C,P_{\mu}C\ddot{H}P^{\circ}$; $C\ddot{H}C-PrPePs-PiP_{\mu}PjPsC\ddot{H}P^{\circ}PiC-Cl$.

$P-P\pm PsPeC\acute{z}C\ddot{e}P\rangle C\acute{z}PSPePsPIPs-PeP\ddot{e}C\ddot{e}PePsPIPsPiPsC,C\ddot{H}P^{\circ}PeC,C\acute{z}$: $C\ddot{P}^{\circ}C\dot{I}C,Ps-PrC-P^{\circ}C\ddot{H}P_{\mu}Cl$; $PSP_{\mu}C\ddot{P}^{\circ}C\dot{I}C,Ps-P\pm P\rangle C\ddot{H}PIP^{\circ}PSPSCl$; $C\ddot{P}^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-\ddot{P}iC\dot{I}P_{\mu}PIPrPsPjP_{\mu}PjP\pm C\ddot{H}P^{\circ}PSPsP\cdot PSP\ddot{e}PN_{\circ}PePsP\rangle C-C,,$

$P''P_{\mu}\ddot{P}iP^{\circ}C,PsP\pm C-P\rangle C-P^{\circ}C\ddot{H}PSC-C\ddot{H}PsP\cdot P\rangle P^{\circ}PrP\ddot{e}$: $C\ddot{P}^{\circ}C\dot{I}C,Ps-PiC-PrPIP\ddot{e}C\%P_{\mu}PSPSCl$
 $C\ddot{H}C-PIPSClP\ddot{H}P\rangle P\ddot{y},P\ddot{H}P\ddot{y}P\ddot{y},PiC-PrPIP\ddot{e}C\%P_{\mu}PSPSClC\ddot{H}C-PIPSClP\rangle C\dot{r}P\PSPsC-$
 $C,,PsC\dot{I}C,,P^{\circ}C,P^{\circ}P\cdot P\ddot{e}PeC\ddot{H}PsPIC-,P\PSPsPIC,ClPSP\ddot{e}C\dot{t}Cl$.

$P-P\pm PsPeC\acute{z}C\ddot{e}PeC-C\ddot{H}P\ddot{e}C,P^{\circ}PiC-PrC\ddot{e}PeC-C\ddot{H}PSPsC-PeP\rangle C-C,PePsPIP\ddot{e}PSP\ddot{e}$: $C\ddot{P}^{\circ}C\dot{I}C,Ps-C\dot{I}PIP_{\mu}C\ddot{H}P\pm C-P\P$, $PeC\ddot{H}Ps\ddot{P}iP\ddot{e}PiB\ddot{H}^{\text{TM}}ClPSPeP^{\circ},PjP^{\circ}PeC\dot{r}P\rangle Ps\ddot{P}iP^{\circ}\ddot{P}iC\dot{r}P\rangle CHPsP\cdot PSC-$
 $PIP\ddot{e}C\dot{I}P\ddot{e}PiP^{\circ}PSPSCl$; $C\ddot{P}^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}-C,PsPeC\dot{I}P\ddot{e}C\ddot{P}SP\ddot{e}PN_{\circ}$
 $P_{\mu}\ddot{P}iC-PrP_{\mu}C\ddot{H}PjP^{\circ}P\rangle CHPSP\ddot{e}PN_{\circ}PSP_{\mu}PeC\ddot{H}PsP\rangle C-P\cdot,C\dot{I}P\ddot{e}PSP\ddot{r}C\ddot{H}PsPj$
 $P\ddot{y}C,C-PIP_{\mu}PSC\dot{I}P^{\circ}B\ddot{H}''P''P\PSPsPSC\dot{I}PsPSP^{\circ},P_{\mu}PeC\dot{I}C,,PsP\rangle C-P^{\circ}C,P\ddot{e}IPSP\ddot{e}PN_{\circ}$
 $PrP_{\mu}C\ddot{H}PjP^{\circ}C,P\ddot{e}C,,$

$P-P\pm PsPeC\acute{z}PSP\ddot{e}C\ddot{H}PsPeC,P^{\circ}C\dot{I}P_{\mu}C\ddot{P}PsPIP\ddot{e}PrC-P\rangle CHPSPsC-ClP\ddot{e}C\dot{I}C,P_{\mu}PjP\ddot{e}$:

$P\ddot{S}P^{\circ}C\dot{I}C,PsC,P^{\circ}PSP_{\mu}PIC-PrPsPjP^{\circ}:PiP_{\mu}PjP^{\circ}C,C\dot{r}C\ddot{H}C-Cl$.

$P-P^{\circ}PiP^{\circ}P\rangle CHPSC-C\ddot{H}PsP\cdot P\rangle P^{\circ}PrP\ddot{e}C,P^{\circ}C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-C-PIPjC-C\dot{I}C\dot{t}C-PIPIP_{\mu}PrP_{\mu}PSPSCl$
 $PiC\ddot{H}P_{\mu}\ddot{P}iP^{\circ}C\ddot{H}P^{\circ}C,C\acute{z}$: $PSP_{\mu}C\ddot{P}^{\circ}C\dot{I}C,Ps-P\pm C-P\rangle CHC\dot{r}PjC-C\dot{I}C\dot{t}C-PIPIP_{\mu}PrP_{\mu}PSPSCl$,
 $PiP^{\circ}C\ddot{H}ClC\ddot{P}eP^{\circ}$.

$P_{\mu}PsPIC-PrPsPjP\rangle P_{\mu}PSPSClPiC\ddot{H}PsPiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{P}SC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-C-$.

$P'P^{\circ}P\P\rangle P\ddot{e}IPs\ddot{P}iPsPIC-PrPsPjP\rangle ClC,P\ddot{e}PiC\ddot{H}PsPiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{P}SC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-C-PiC-C\dot{I}P\rangle ClC\ddot{H}P_{\mu}C''C\dot{I}C,C\ddot{H}P^{\circ}C\dot{t}C-C-P\rangle C-PeP^{\circ}C\ddot{H}C\dot{I}CHPePsPiPs$
 $P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{r}.PiP_{\mu}PrP^{\circ}C''P\cdot PjPsPiC\dot{r}PiC\ddot{H}PsPrPsPIP\P C\dot{r}PIP^{\circ}C,P\ddot{e}PjPsPSC-C,PsC\ddot{H}P\ddot{e}PSPi$
 $C\dot{I}PiC-PIPIC-PrPSPsC\ddot{e}P_{\mu}PSPSClC\ddot{H}P\ddot{e}P\cdot P\ddot{e}Pe/PePsC\ddot{H}P\ddot{e}C\dot{I}C,CHP\rangle C-PeP^{\circ}C\ddot{H}C\dot{I}CHPePsPiPs$
 $P\cdot P^{\circ}C\dot{I}PsP\pm C\dot{r}.P_{\mu}C\ddot{H}PsC...P^{\circ}PSPSClPrPsPjP_{\mu}PrP\ddot{e}C\ddot{P}SP\ddot{e}C...PiC\ddot{H}P^{\circ}C\dot{t}C-PIPSP\ddot{e}PeC-PI$
 $\ddot{P}iPsPIC-PrPsPjP\rangle ClC,P\ddot{e}PiC\ddot{H}PsP\pm C\dot{r}PrCH-ClPeC-PiC-PrPsP\cdot C\ddot{H}C\ddot{H}PIP^{\circ}PSC-PiPsP\pm C-C\ddot{P}SC-$
 $C\ddot{H}P_{\mu}P^{\circ}PeC\dot{t}C-C-$.

$P\ddot{y}P_{\mu}C\ddot{H}PjC-PSPiC\ddot{H}P\ddot{e}PrP^{\circ}C,PSPsC\dot{I}C,C-.$ 2 $C\ddot{H}PsPeP\ddot{e}$.

$PjPjPsPIP\ddot{e}P\cdot P\pm P_{\mu}C\ddot{H}C-PiP^{\circ}PSPSCl$.

$P-P\pm P_{\mu}C_{\eta}C-PiP^{\circ}C, P\ddot{e} \text{ PI } PsC_{\eta}P\ddot{e}PiC-PSP^{\circ}P\gg CH\dot{b}PSC-PN_{\dot{e}} \text{ C}\acute{r}P\ddot{i}P^{\circ}PePsPIC\dot{+}C- \text{ P}\ddot{i}C_{\eta}P\ddot{e}$
 $C, P_{\mu}PjP\ddot{i}P_{\mu}C_{\eta}P^{\circ}C, C\acute{r}C_{\eta}C- \text{ PIC-Pr } 2 \text{ PrPs } 8 \text{ B}^{\circ}P\check{y}.$

$P-P\pm P_{\mu}C_{\eta}C-PiP^{\circ}C, P\ddot{e} \text{ C}\acute{r} \text{ PSP}_{\mu}PrPsC\acute{r}C, C\acute{r}P\ddot{i}PSPsPjC\acute{r} \text{ PrP}\gg C\dot{+} \text{ PrC-C, } P_{\mu}PN_{\dot{e}} \text{ PjC-C}\acute{r}C\dot{+}C-.$

$P\acute{k}P_{\mu}C\acute{r}C\acute{z}PjC-C\acute{r}PSC-C\acute{r}C, CH\dot{b}.$

$P \text{ PsP}\cdot C\dot{+}P\ddot{e}PSP\ddot{e} \text{ P}\ddot{i}C_{\eta}P_{\mu}P\ddot{i}P^{\circ}C_{\eta}P^{\circ}C, C\acute{r} \text{ P}^{\circ}P_{\mu}P\ddot{i}P^{\circ}C\dot{+}P_{\mu}C_{,,}^{B^{\circ}} \text{ C, } P^{\circ} \text{ P}^{\circ}PjC-PSPsPiP\gg C-PePsP\cdot P\ddot{e}PrC-PI$
 $PSP_{\mu} \text{ C}\acute{r}P\gg C-Pr \text{ P}\cdot PjC-C\epsilon C\acute{r}PIP^{\circ}C, P\ddot{e}, \text{ PsC}\acute{r}PeC-P\gg CH\dot{b}PeP\ddot{e} \text{ PjC-P}\P \text{ PSP}\ddot{e}PjP\ddot{e} \text{ C-C}\acute{r}PSC\acute{r}C^{\circ}$
 $C_{,,}C-P\cdot P\ddot{e}C\dot{+}PSP^{\circ} \text{ PSP}_{\mu}C\acute{r}C\acute{r}PjC-C\acute{r}PSC-C\acute{r}C, CH\dot{b}. \text{ P}\ddot{i}PeC\%Ps \text{ P}\ddot{i}P_{\mu}C_{\eta}P_{\mu}PrP\pm P^{\circ}C\dot{+}P^{\circ}C^{\circ}C, CH\dot{b}C\acute{r}C\dot{+}$
 $P\ddot{i}C_{\eta}PsPIP_{\mu}PrP_{\mu}PSPSC\dot{+} \text{ PePsPjP}\pm C-PSPsPIP^{\circ}PSPsPiPs \text{ P}\gg C-PeC\acute{r}PIP^{\circ}PSPSC\dot{+}$
 $P\ddot{i}C_{\eta}P_{\mu}P\ddot{i}P^{\circ}C_{\eta}P^{\circ}C, PsPj \text{ P}^{\circ}P_{\mu}P\ddot{i}P^{\circ}C\dot{+}P_{\mu}C_{,,}^{B^{\circ}} \text{ C, } P^{\circ} \text{ P}^{\circ}PjC-PSPsPiP\gg C-PePsP\cdot P\ddot{e}PrPsPj, \text{ C, Ps } \text{ C}\dot{+}P_{\mu}$
 $PjPsP\PSP^{\circ} \text{ P}\cdot C_{\eta}PsP\pm P\ddot{e}C, P\ddot{e} \text{ C}\epsilon P\gg C\dot{+}C\ldots PsPj \text{ C}\dot{+}P_{\mu}C_{\eta}PiC\acute{r}PIP^{\circ}PSPSC\dot{+}$
 $PIPSC\acute{r}C, C_{\eta}C-C\epsilon PSCH\dot{b}PsPIP_{\mu}PSPSP\ddot{e}C\ldots \text{ C-PSC, C}\acute{r}P\cdot C-PN_{\dot{e}} \text{ P}\cdot P^{\circ} \text{ C}\acute{r}PjPsPIP\ddot{e}$
 $PIP\ddot{e}PePsC_{\eta}P\ddot{e}C\acute{r}C, P^{\circ}PSPSC\dot{+} \text{ PsPeC}_{\eta}P_{\mu}PjPsC- \text{ PIC, PsC}_{\eta}P\ddot{e}PSPSPsC- \text{ C}\acute{r}P\ddot{e}C\acute{r}C, P_{\mu}PjP\ddot{e} \text{ PrP}\gg C\dot{+}$
 $PIPSC\acute{r}C, C_{\eta}C-C\epsilon PSCH\dot{b}PsPIP_{\mu}PSPSPsPiPs \text{ PIPIP}_{\mu}PrP_{\mu}PSPSC\dot{+} \text{ C, } P^{\circ} \text{ P}\ddot{i}C_{\eta}PsPjP\ddot{e}PIP^{\circ}PSPSC\dot{+}$
 $P\ddot{i}P_{\mu}C_{\eta}PIP\ddot{e}PSPSPsC- \text{ C}\acute{r}P\ddot{e}C\acute{r}C, P_{\mu}PjP\ddot{e} \text{ PrP}\gg C\dot{+} \text{ PIPSC}\acute{r}C, C_{\eta}C-C\epsilon PSCH\dot{b}PsPIP_{\mu}PSPSPsPiPs$
 $PIPIP_{\mu}PrP_{\mu}PSPSC\dot{+} \text{ PIC-PrP}\ddot{i}PsPIC-PrPSP\ddot{e}Pj \text{ C}_{\eta}PsP\cdot C\dot{+}P\ddot{e}PSPsPj \text{ PjC-P}\P \text{ C-PSC, C}\acute{r}P\cdot C-C\dot{+}PjP\ddot{e}.$
 $P \text{ P}_{\mu}PePsPjP_{\mu}PSP\acute{r}C\acute{r}C^{\circ}C, CH\dot{b}C\acute{r}C\dot{+} \text{ PIPIPsPrP}\ddot{e}C, P\ddot{e} \text{ P}^{\circ}P_{\mu}P\ddot{i}P^{\circ}C\dot{+}P_{\mu}C_{,,}^{B^{\circ}} \text{ P}\ddot{i}P_{\mu}C_{\eta}P_{\mu}Pr$
 $P^{\circ}PjC-PSPsPiP\gg C-PePsP\cdot P\ddot{e}PrP^{\circ}PjP\ddot{e}.$

$PjP\ddot{i}P^{\circ}PePsPIP\epsilon P^{\circ}.$

$P_{\mu}Ps \text{ 1,0 } \text{ Pi } C\acute{r} \text{ C}_{,,}P\gg P^{\circ}PePsPSP^{\circ}C\ldots, \text{ 10 } C_{,,}P\gg P^{\circ}PePsPSC-PI \text{ C}\acute{r} \text{ P}\ddot{i}P^{\circ}C\dot{+}C\dot{+}C-.$

$P_{\dot{b}}P^{\circ}C, P_{\mu}PiPsC_{\eta}C-C\dot{+} \text{ PIC-PrP}\ddot{i}C\acute{r}C\acute{r}PeC\acute{r}.$ $P-P^{\circ} \text{ C}_{\eta}P_{\mu}C\dot{+}P_{\mu}P\ddot{i}C, PsPj.$

$P^{\circ}P\ddot{e}C_{\eta}PsP\pm PSP\ddot{e}Pe.$ $P_{\mu}P_{\dot{b}}P\check{y} \text{ B}\langle P_{\dot{b}}P\ddot{e}C-PIPjP_{\mu}PrP\ddot{i}C_{\eta}P_{\mu}P\ddot{i}P^{\circ}C_{\eta}P^{\circ}C, B\rangle.$

$P_{\dot{b}}C-C\acute{r}C\dot{+}P_{\mu}P\cdot PSP^{\circ}C\ldots PsPrP\P P_{\mu}PSPSC\dot{+} \text{ PIP}\ddot{e}C_{\eta}PsP\pm PSP\ddot{e}PeP^{\circ} \text{ C, } P^{\circ}$
 $P^{\circ}PrC_{\eta}P_{\mu}C\acute{r}P^{\circ} \text{ PjC-C}\acute{r}C\dot{+}C\dot{+} \text{ P}\ddot{i}C_{\eta}PsPIP^{\circ}PrP\P P_{\mu}PSPSC\dot{+} \text{ PN}_{\dot{e}}PsPiPs$
 $PrC-C\dot{+}P\gg CH\dot{b}PSPsC\acute{r}C, C-.$

$PjPeC_{\eta}P^{\circ}C-PSP^{\circ}, \text{ 01032, } Pj. \text{ P}_{\dot{b}}P\ddot{e}C-PI, \text{ PIC}\acute{r}P\rangle. \text{ P}\check{y}P^{\circ}PeC\acute{r}P^{\circ}PiP^{\circ}PSC\acute{r}CH\dot{b}PePsPiPs, \text{ 139.}$