

**Р†РќРŸРŸР РЈРљРІР†РІ**

**Р†Р»СІ РјРµР†РёС†РSPsPiPs Р·Р°СІС,PsСІС†РІР°РSPSCІ Р»С-РёР°С҂СІС҂РёPsPiPs  
Р·Р°СІСР±С†**

**Р҂Р·РŸР Р҂Р’Р†Р҂Р Р”Р·РќРŸР҂**

**РŸРёР»Р°Р†:**

*Р†С-С҂С†С- С҂РµС†PsPIPёPSPё: РјРµС,С҂PsPSC-Р†Р°Р·PsP»С† Р±РµPSP·PsP°С,,  
С...Р»PsС҂РµСІРёР†РёPSPС† РіР»С҂РёPsPSP°С,;*

1 Рі РіРµР»»С҂ РјС-СІС,РёС,С҂ РјРµС,С҂PsPSC-Р†Р°Р·PsP»С† Р±РµPSP·PsP°С,С† С†  
РіРµС҂РµСІРёР»Р»С҂Р°С...С†РІР°РSPSC- PSP° РјРµС,С҂PsPSC-Р†Р°Р·PsP» в҂“ 10 РјРі, С҂PsP·С†РёPSPС†  
С...Р»PsС҂РµСІРёР†РёPSPС† РіР»С҂РёPsPSP°С,С† 20 % С† РіРµС҂РµСІРёР»Р»С҂Р°С...С†РІР°РSPSC-  
PSP° С...Р»PsС҂РµСІРёР†РёPSPС† Р†РёРіР»Р»С҂РёPsPSP°С, в҂“ 0,5 РјРі;

*Р†РёPsPiPsРјС-Р¶PSC- С҂РµС†PsPIPёPSPё: РёР°С҂Р±PsРјС҂,  
РіС҂PsPіС-Р»РµPSPіР»С-РёPsP»С҂, СІР°С...Р°С҂РёPSPSP°С,С҂С-С҂,В Р†РёPSP°С,С҂С-С҂  
РµР†РµС,Р°С, (РŸС҂РёP»PsPS Р’), С,С҂PsРјС,Р°РјPsP», PsP»С-СІ Р»РёPSPSP°, РІPsР†Р°  
PsС†РёС%РµPSP°.*

**Р»С-РёР°С҂СІС҂РёР° С,,PsС҂РјР°. Р”РµР»С҂ Р†Р»СІ СІСІРµPS.**

*Р҂СІPSPsPIPSC- С,,С-Р·РёРёPs-С...С-РјС-С†PSC- РІР»Р°СІС,РёРІPsСІС,С-: РіРµР»»С҂  
Р±С-Р»PsPiPs Р°Р±Ps РјР°Р№P¶Рµ Р±С-Р»PsPiPs РёPsP»С҂PsС҂С† Р·С-  
СІРіРіРµС†РёС,,С-С†PSPёРј Р·Р°РіР°С...PsРј.*

**Р»Р°С҂РјР°РёРµPsС,РµС҂Р°РіРµСІС,РёС†PSP° РіС҂С†РіР°. РµС҂PsС,РёРјС-РёС҂PsP±PSC-  
С,Р° Р°PSC,РёСІРµРіРµСІС,РёС†PSC- РіС҂РµРіРµСІС҂Р°С,Рё Р†Р»СІ РјС-СІС†РµРІPsPiPs  
Р·Р°СІС,PsСІС†РІР°РSPSCІ С† СІС,PsРјР°С,PsP»PsіС-С—. РљPsР† Р҂РŸРІ Р҂01Р҂ Р’.**

**Р»Р°С҂РјР°РёРµPsP»PsіС-С†PSC- РІР»Р°СІС,РёРІPsСІС,С-.**

*Р»Р°С҂РјР°РёРµPsР†РёPSP°РјС-РёР°.*

РµС҂PsС,РёРјС-РёС҂PsP±PSPёР№ РёPsРјР±С-РSPsРІР°PSPёР№ РіС҂РµРіРµСІС҂Р°С, Р†Р»СІ  
РёPsРјРіР»РµСІРіPSPsPiPs Р»С-РёС†РІР°РSPSCІ С- РіС҂PsС,,С-Р»Р°РёС,РёРёРё  
Р†РµСІРµРёС... С-PSC,,РµС†С-Р№PSPs·Р·РіР°Р»Р»Р»С҂PSPёС... Р·Р°СІС...РІPsС҂С҂РІР°РSPС҂  
РіPsС҂PsP¶PSPёPSPё С҂PsС,Р°.

**Р·С,,РµРёС,РёРІPSC-СІС,С҂ Р»С-РёР°С҂СІС҂РёРёPsPiPs Р·Р°СІСР±С† Р·С†РјPsРІР»РµPSP°**

PSP°CΠPIPSC-CΓC,CT PrPIPsC... P°PSC,PēP±P°PeC,PμCTC-P°P»CHPSPēC...  
PePsPjPiPsPSPμPSC,C-PI Bḡ“ PjPμC,CTPSPSC-PrP°P·PsP»Cf C,P°  
C...P»PsCTPiPμPeCΓPēPrPēPSCf.

PḡPμC,CTPSPSC-PrP°P·PsP» Bḡ“ PiPsC...C-PrPSP° CTpμC±PsPIPēPSP°  
PSC-C,CTPSPSC-PjC-PrP°P·PsP»Cf, C%Ps PjP°C” PiCTPSPC,PēPiCTPSP·PsPNēPSCf C,P°  
PiCTPSPC,PēP±P°PeC,PμCTC-P°P»CHPSCf PrC-C—. PḡPeC,PēPIPSPēPNē PiCTPSPC,Pē  
P°PSP°PμCTPSP±PSPēC... P±P°PeC,PμCTC-PNē, CΠPeC- CΓPiCTPēC±PēPSCΠCTC,CH  
C...PIPsCTPSP±Pē PiP°CTPSPPrPsPSC,P°: *Porphyromonas gingivalis*, *Prevotella intermedia*,  
*Prevotella denticola*, *Fusobacterium fusiformis*, *Wolinella recta*, *Eikenella corrodens*, *Borrelia  
vincenti*, *Bacteroides melaninogenicus*, *Selenomonas spp.*

PΓP»PsCTPiPμPeCΓPēPrPēPS Bḡ“ P°PSC,PēCΓPμPiC,PēPe P±P°PeC,PμCTPēC±PēPrPSPsC—  
PrC-C—. P™ PsPiPs PrC-CΠ PiPsP»CΠPiP°C” Cf P·P±C-P»CHCεPμPSPSC—  
PiCTPSPSPēPePSPsCΓC,C- CΓC,C-PSPsPe P±P°PeC,PμCTC-P°P»CHPSPsC— PeP»C-C,PēPSPē,  
PIPSP°CΓP»C-PrPsPe C±PsPiPs C...P»PsCTPiPμPeCΓPēPrPēPS PiCTPSPSPēPeP°C” PI  
P±P°PeC,PμCTC-P°P»CHPSCf C±PēC,PsPiP»P°P·PjCf, C%Ps PiCTPēP·PIPsPrPēC,CH PrPs  
P·P°PiPēP±PμP»C- PeP»C-C,PēPS. PḡPeC,PēPIPSPēPNē C%PsPrPs CεPēCTPSPePsPiPs PePsP»P°  
PIPμPiPμC,P°C,PēPIPSPēC... C,,PsCTPj PiCTP°PjPSPμPiP°C,PēPIPSPēC... (*Treponema spp.*,  
*Neisseria gonorrhoeae*, *Trichomonas spp.*, *Chlamydia spp.*, *Ureaplasma spp.*, *Bacteroides fragilis*)  
C,P° PiCTP°PjPiPsP·PēC,PēPIPSPēC... PjC-PeCTPSPsCTPiP°PSC-P·PjC-PI, P° C,P°PePsP¶  
PrCTC-P¶PrP¶C-PI, PrPμCTPjP°C,PsC,,C-C,C-PI C,P° P»C-PiPsC,,C-P»CHPSPēC...  
PIC-CTCfCΓC-PI.

P”PμCΠPeC- CεC,P°PjPē *Pseudomonas spp.* C,P° *Proteus spp.* PjP°CTC,CH PSPēP·CHPeCf  
C±CfC,P»PēPIC-CΓC,CH PrPs C...P»PsCTPiPμPeCΓPēPrPēPSCf, C,PsPrC- CΠPe  
PePēCΓP»PsC,PsCΓC,C-PNēPeC- P±P°PeC,PμCTC-C— C- P±P°PeC,PμCTC-P°P»CHPSC-  
CΓPiPsCTPē PSPμ CΓPiCTPēPNēPSCΠC,P»PēPIC- PrPs PrC-C— C±C-C”C— CTpμC±PsPIPēPSPē.  
PΓP»PsCTPiPμPeCΓPēPrPēPS PSPμ PiPsPiC-CTCεCfC” C,,CfPSPeC±C-PsPSP°P»CHPSCf  
P°PeC,PēPIPSC-CΓC,CH P»P°PeC,PsP±P°C±PēP».

PαP°CTPjP°PePsPeC-PSPμC,PēPeP°.

PḡC-PSC-PjP°P»CHPSP° C-PSPiC-P±CfCTC±P° PePsPSC±PμPSC,CTP°C±C-CΠ (PḡP±Pḡ<sub>50</sub>)  
PjPμC,CTPSPSC-PrP°P·PsP»Cf PrP»CΠ P°PSP°PμCTPSP±PSPēC... P±P°PeC,PμCTC-PNē Bḡ“  
PSPēP¶C±Pμ 1 PjPePi/PjP». PḡCTPē PjC-CΓC±PμPIPsPjCf P·P°CΓC,PsCΓCfPIP°PSPSC-  
PiCTPμPiP°CTP°C,Cf (PSP°PSPμCΓPμPSPSCΠ PSP° CΠCΓPSP°) PePsPSC±PμPSC,CTP°C±C-CΠ  
PjPμC,CTPSPSC-PrP°P·PsP»Cf PI PrC-P»CΠPSC±C- CΠCΓPμPS P·PSP°C±PSPs PIPēC%P°, PSC-P¶  
PiCTPē PiPμCTPSPCTP°P»CHPSPsPjCf P·P°CΓC,PsCΓCfPIP°PSPSC- PiCTPμPiP°CTP°C,Cf, P°  
CTC-PIPμPSCḡ CΓPēCΓC,PμPjPSPsC— P°P±CΓPsCTP±C±C-C— PjPμC,CTPSPSC-PrP°P·PsP»Cf  
PiCTPē PjC-CΓC±PμPIPsPjCf P·P°CΓC,PsCΓCfPIP°PSPSC- P·PSP°C±PSPs PSPēP¶C±PēPNē, PSC-P¶  
C,P°PePēPNē Cf CTP°P·C- PiPμCTPSPCTP°P»CHPSPsPiPs P·P°CΓC,PsCΓCfPIP°PSPSCΠ.  
PḡCTPμPiP°CTP°C, PrPsP±CTPμ PICΓPjPsPeC,CfC”C,CHCΓCΠ P·C- CεP»CfPSPePsPIPs-  
PePēCεPePsPIPsPiPs C,CTP°PeC,Cf C- PjPsP¶Pμ P±CfC,Pē PIPēCΠIP»PμPSPēPNē PSP°  
C-PSPiC-P±C-C,PsCTPSPsPjCf PrP»CΠ P±P°PeC,PμCTC-PNē CTc-PIPSC- Cf PeCTPSPiC- C,P°  
CΓP»PēPSC- PiCTPSPC,CΠPiPsPj 1 PiPsPrPēPSPē PiC-CΓP»CΠ PiCTPēPNēPsPjCf.  
PḡPμC,P°P±PsP»C-P·Pj PjPμC,CTPSPSC-PrP°P·PsP»Cf PiPμCTPμPiP°P¶PSPs  
PIC-PrP±CfPIP°C”C,CHCΓCΠ PI PiPμC±C-PSC±C-. P”PsP»PsPIPSPēPj CεP»CΠC...PsPj  
PIPēPIPμPrPμPSPSCΠ PjPμC,CTPSPSC-PrP°P·PsP»Cf C,P° PNēPsPiPs PjPμC,P°P±PsP»C-C,C-PI C”  
PSPēCTPePē. P—PSPēP¶PμPSP° C,,CfPSPeC±C-CΠ PSPēCTPSPe PSPμ P·PjC-PSCḡC”  
C,,P°CTPjP°PePsPeC-PSPμC,PēPePē PsPrPSC-C”C— PrPsP·Pē PjPμC,CTPSPSC-PrP°P·PsP»Cf.

PJ ЧҖ°P·C- PīCҖPsPePsPIC, ĆP PIP°PSPSCЦ PSP°P P»PēCēPeĆ C...P»PsCҖPiPμPeĆPēPrPēPSĆ PīC-Pr C±P°Ć PN°PsPiPs PjC-ĆC†PμPIPsPiPs P·P°ĆC, PsĆĆP PIP°PSPSCЦ Ć ĆPēP»P°PrC-ĆC, PsPjP°C, PsP»PsPiC-C†PSPsPiPs PiPμP»CҖ P· C, CҖP°PIPSPsPiPs C, CҖP°PeC, Ć P°P±ĆPsCҖP±ĆC”C, ЧҖĆCЦ PīCҖPēP±P»PēP·PSPs 1 % PIC-Pr PrPsP·Pē, C%Ps PiPsC, CҖP°PīPēP»P° PrPs CēP»ĆPSPeP°. PҖP»PsCҖPiPμPeĆPēPrPēPS PSPμ PeĆPjĆP»CҖC”C, ЧҖĆCЦ PI PsCҖPiP°PSC-P·PjC- C, P° PjPμC, P°P±PsP»C-P·ĆC”C, ЧҖĆCЦ PjC-PSC-PjP°P»ЧҖPSPs.

**РҖP»C-PSC-C±PSC- C...P°CҖP°PeC, PμCҖPēĆC, PēPePē.**

**PμPsPeP°P·P°PSPSCЦ.**

P”P»CЦ P»C-PeCзPIP°PSPSCЦ C-PSC,, PμPeC†C-PN°PSPs-P·P°PīP°P»ЧҖPSPēC... P·P°C...PIPsCҖCҖPIP°PSCҖ PīP°CҖPsPrPsPSC, P° C, P° ĆP»PēP·PsPIPsC— PsP±PsP»PsPSPePē CҖPsC, PsPIPsC— PīPsCҖPsP¶PSPēPSPē:

вҖҗB B B B B B B B PeP°C, P°CҖP°P»ЧҖPSPēPN° PiC-PīPμCҖC, CҖPsC,, C-C±PSPēPN° PiC-PSPiC-PIC-C,, PiPsĆC, CҖPēPN° C, P° C...CҖPsPSC-C±PSPēPN° PīPμCҖPμP±C-Pi;

вҖҗB B B B B B B B PiPsĆC, CҖPēPN° PIPēCҖP°P·PePsPIPs-PSPμPeCҖPsC, PēC±PSPēPN°B PiC-PSPiC-PIC-C, (PiC-PSPiC-PIC-C, P’PμPSĆP°PSP°); B B B B B B B B B B B B B B B B B

вҖҗB B B B B B B B PiPμPSPμCҖP°P»C-P·PsPIP°PSPēPN° PīP°CҖPsPrPsPSC, PēC,, C...CҖPsPSC-C±PSPēPN° C, P° P·P°PiPsĆC, CҖPμPSPēPN° PīPμCҖPμP±C-Pi;

вҖҗB B B B B B B B C, CҖP°PIPjP° ĆP»PēP·PsPIPsC— PsP±PsP»PsPSPePē PīPsCҖPsP¶PSPēPSPē CҖPsC, P°, ĆPīCҖPēC±PēPSPμPSP° P·ĆP±PSPēPjPē PīCҖPsC, PμP·P°PjPē;

вҖҗB B B B B B B B P°P»ЧҖPIPμPsP»C-C, (P·P°PīP°P»PμPSPSCЦ P»ĆPSPePē PīC-ĆP»CЦ PIPēPrP°P»PμPSPSCЦ P·ĆP±P°)

P”P»CЦ PīCҖPsC,, C-P»P°PeC, PēPePē P·P°PiPsĆC, CҖPμPSCҖ C...CҖPsPSC-C±PSPsPiPs PiC-PSPiC-PIC-C, Ć C, P° PīP°CҖPsPrPsPSC, PēC, Ć.

**PμCҖPsC, PēPīPsPeP°P·P°PSPSCЦ.**

PμC-PrPIPēC%PμPSP° C±ĆC, P»PēPIC-ĆC, ЧҖ PrPs PjPμC, CҖPsPSC-PrP°P·PsP»Ć, C...P»PsCҖPiPμPeĆPēPrPēPSĆ, P° C, P°PePsP¶ PīPsC...C-PrPSPēC... PSC-C, CҖPsC-PjC-PrP°P·PsP»Ć C, P° P±ĆPrCҖ-CЦPePēC... PePsPjPīPsPSPμPSC, C-PI, C%Ps PIC...PsPrCЦC, ЧҖ PrPs ĆPeP»P°PrĆ P»C-PeP°CҖĆCҖPePsPiPs P·P°ĆPsP±Ć.

PμCҖPsC, PēPīPsPeP°P·P°PSPēPN° PīP°C†C-C”PSC, P°Pj C-P· PīC-PrC, PIPμCҖPrP¶PμPSPsCҖ PrPēĆPeCҖP°P·C-C”CҖ PeCҖPsPIC- P°P±Ps PrPēĆPeCҖP°P·C-C”CҖ PeCҖPsPIC- PI P°PSP°PjPSPμP·C-.

PμCҖPsC, PēPīPsPeP°P·P°PSPēPN° PīP°C†C-C”PSC, P°Pj C-P· P·P°C...PIPsCҖCҖPIP°PSPSCЦ PjPē PīPμCҖPēC,, PμCҖPēC±PSPsC— C- C†PμPSC, CҖP°P»ЧҖPSPsC— PSPμCҖPIPsPIPsC— ĆPēĆC, PμPjPē.

P"PeC,CIC+PePN PIC-Pe (PrPs 18 CTPsPeC-PI).

**PhCIPsP±P»PePIC- P·P°C...PsPrPe P±PμP·PiPμPePe.**

PJPSPePe°P,C,Pe PiPsC,C7P°PiP»CIPSPSCC PiPμP»C7 PI PsC±C-.

**P'P·P°C" PjPsPrC-CI P· C-PSCePePjPe P»C-PeP°C7CIC7PePePjPe P·P°CIPsP±P°PjPe C,P° C-PSCeC- PIPePrPe PIP·P°C" PjPsPrC-PN.**

PμC7Pe PjC-CIC+PμPIPjC P·P°CIC,PsCICrPIP°PSPSC- PI C7PμPePsPjPμSPPrPsPIP°PSPeC... PrPsP·P°C... CICPeCIC,PμPjPSPsC— PIP·P°C" PjPsPrC— PiPμP»C7 P7PμC,C7PsPIC-PsP» P" PμPSC,P° P· C-PSCePePjPe P»C-PeP°C7CIC7PePePjPe P·P°CIPsP±P°PjPe PSPμ PIPeCIPIP»PμPSPs. PhPrPSP°Pe CIC»C-Pr P±CIC,Pe PsP±PμC7PμP PIPePjPe, PiC7PeP·PSP°C±P°C7C±Pe PiPμP»C7 P7PμC,C7PsPIC-PsP» P" PμPSC,P° P· PrPμCIPePePjPe P»C-PeP°C7CIC7PePePjPe PiC7PμPiP°C7P°P,C,P°PjPe.

P'P°C7C,,P°C7PePS C,P° C-PSCeC- PeCzPjP°C7PePSPsPIC- P°PSC,PePePsP°PiCzP»CIPSC,Pe. P7PμC,C7PsPSC-PrP°P·PsP» PiPsCIPeP»C7C" P°PSC,PePePsP°PiCzP»CIPSC,PSCr PrC-C7, C%oPs PiC7PeP·PIPjPrPeC,C7 PrPs PiPsPrPsPIP PμPSPSCC C±P°CICr C7C,PIPjC7PμPSPSCC PiC7PsC,C7PsPjP±C-PSCr.

P7PμC,C7PsPSC-PrP°P·PsP» C-PSPiC-P±CIC" CYP2C9 C- CYP3A4, PiC-PrPIPeC%oC7C" C7C-PIPμPSC7 PIP°C7C,,P°C7PePSCr PSP°P,C7C-C7 PI C±PeC7PeC7P»C7C7C±C-PN PeC7PsPIC- C,P° PiPsCIPeP»C7C" C-PSPrC7PePsPIP°PSCr PIP°C7C,,P°C7PePSPsPj PiC-PiPsPiC7PsC,C7PsPjP±C-PSPμPjC-C7.

P"PeCICzP»C7C,,C-C7P°Pj. PhPrPSPsC±P°CIPSPμ P·P°CIC,PsCICrPIP°PSPSCC PiPsCIPeP»C7C" C,PsPeCIPeC±PSC-CIC,C7 PiC7PμPiP°C7P°P,C-PI, C%oPs PjPsP Pμ PiC7PeP·PIPμCIC,Pe PrPs C7PsP·PIPeC,PeC7 PSPμPIC7PsP»PsPiC-C±PSPeC... CICPePjPiC,PsPjC-PI.

PαPμPSPsP±P°C7P±C-C,P°P», C,,PμPSC-C,PsC—PS, P°PSC,PePePsPSPICzP»C7CICP°PSC,Pe PSP° PsCIPSPsPIC- PiC-PrP°PSC,PsC—PSCz. PμC7Pe PsPrPSPsC±P°CIPSPsPjC P·P°CIC,PsCICrPIP°PSPSC- P· PjPμC,C7PsPSC-PrP°P·PsP»PsPj P·PSPeP P C7C" C,C7CIC P°PSC,PePjC-PeC7PsP±PSP° P°PeC,PePIPSC-CIC,C7 PsCIC,P°PSPSCHPsPiPs. PμC7PeC±PePSP° B7" PiC7PeCIPePsC7PμPSPePN PjPμC,P°P±PsP»C-P·Pj PjPμC,C7PsPSC-PrP°P·PsP»C7.

PμPsC,PμPSC+C-C7PIP°PSPSCC C,,PμPSC-C,PsC—PSCr PjPμC,C7PsPSC-PrP°P·PsP»PsPj PIC-PrP±C7PIP°P"C,C7CIC, PN PjPsPIC-C7PSPs, CIP»CIC...PsPj PiC7PePiPSC-C±PμPSPSCC C,,PμC7PjPμPSC,C-PI, C%oPs PjPμC,P°P±PsP»C-P·C7C7C,C7 C,,PμPSC-C,PsC—PS.

PiPePjPμC,PePrPePS. PμC7PePiPSC-C±CIC" PjPμC,P°P±PsP»C-P·Pj PjPμC,C7PsPSC-PrP°P·PsP»C7, C%oPs PjPsP Pμ CICPiC7PeC±PePSPeC,Pe PiC-PrPIPeC%oPμPSPSCC PePsPSC+PμPSC,C7P°C+C— PjPμC,C7PsPSC-PrP°P·PsP»C7 PI CICPeC7PsPIP°P,C+C- PeC7PsPIC-.

P7P»PePsPiPsP»C7. P7PμC,C7PsPSC-PrP°P·PsP» CICPiC7PeC±PePSCC PSPμPiPμC7PμPSPsCIPePjC-CIC,C7 P°P»PePsPiPsP»C7. PhPrPSPsC±P°CIPSPePN

PiC7P6PN6PsPj P°P»PePsPiPsP»C7 C,P° PjPµC,C7PsPSC-PrP°P·PsP»C7 PjPsP¶Pµ  
C7PiC7P6C7P6PSC7C,P6 C7P6PjPiC,PsPjP6 C,PsPeC7P6C7PSPsPiPs PiC7P6C...PsP·C7,  
PSC7PrPsC,P6, PiC-PiPsC,PµPSP·C-C—, C,P°C...C-PeP°C7PrC-C—, PrC-P°C,,PsC7PµP·C7  
P°P±Ps P·P°PrP6C6PeP6, P° PI PsPeC7PµPjP6C... PIP6PiP°PrPeP°C... PjPsP¶Pµ  
PIP6PSP6PePSC7C,P6 C7P6P»C7PSP° PiC-PiPsC,PµPSP·C-C7 C,P° C6PsPe. P7C-  
C7PµP°PeC7C-C— P·P°P·PIP6C7P°PN6 PIP6PSP6PeP°C7C,C7 PiC7PsC,C7PiPsPj 24  
PiPsPrP6PS, P°P»Pµ PjPsP¶C7C,C7 PIP6PSP6PeP°C,P6 PIPiC7PsPrPsPIP¶  
PiPµC7C-PsPrC7 PrPs 2 C,P6P¶PSC-PI PiC-C7P»C7 PiC7P6PN6PsPjC7 P°P»PePsPiPsP»C7.

**P7C7PsP±P»P6PIP6C7C,C- P·P°C7C,PsC7C7PIP°PSPSC7.**

P—P°C7C,PsC7C7PIP°PSPSC7 P»C-PeP°C7C7C7P6PePsPiPs P·P°C7PsP±C7 PjPsP¶Pµ  
C7PiC7P6C7P6PSC7C,P6 P°P»PµC7PiC-C7PSC- C7PµP°PeC7C-C— (C6PeC-C7PSP6PN6  
PIP6C7P6Pi, C7PIPµC7P±C-P¶, PeC7PsPiP6Pi67™ C7PSP6C7,  
P°PSPiC-PsPSPµPIC7PsC,P6C7PSP6PN6 PSP°P±C7C7Pe C- P°PSP°C,,C-P»P°PeC7C-C7,  
PIP6P»C7C7P°C7C7P6 C6PsPe).

PµC-Pr C7P°C7 P·P°C7C,PsC7C7PIP°PSPSC7 PiC7PµPiP°C7P°C,C7 PSPµ PjPsP¶PSP°  
PIP¶P6PiP°C,P6 P°P»PePsPiPsP»C7, PsC7PeC-P»C7P6P6 C7Pµ PjPsP¶Pµ PiC7P6P·PIPµC7C,P6  
PrPs PIP6PSP6PePSPµPSPSC7 C7PiP°P·PjC-PI C6P»C7PSP6P°, PSC7PrPsC,P6,  
P±P»C7HIP°PSPSC7, PiPsP»PsPIPSPsPiPs P±PsP»C7 C- PiC7P6PiP»P6PIC-PI PeC7PsPIC- PrPs  
PsP±P»P6C7C7C7.

P7PµC,C7PsPSC-PrP°P·PsP» PSPµ C7P»C-Pr P·P°C7C,PsC7PsPIC7PIP°C,P6 PsPrPSPsC7P°C7PSPs  
P·PrP6C7C7P»C7C,,C-C7P°PjPsPj, PsC7PeC-P»C7P6P6 PIC-PS PjPsP¶Pµ  
C7PiC7P6C7P6PSC7C,P6 PiC7P6C...PsC,P6C7PSC- C7PµP°PeC7C-C— C-  
C7PiP»C7C,P°PSC-C7C,C7 C7PIC-PrPsPjPsC7C,C-.

P7C7P6PIP°P»Pµ P·P°C7C,PsC7C7PIP°PSPSC7 PjPsP¶Pµ C7PiC7P6C7P6PSP6C,P6  
PePsC7P6C7PSPµPIPµ P·P°P±P°C7PIP»PµPSPSC7 P·C7P±C-PI C,P° C7P·P6PeP°.

P—P°C7C,PsC7C7PIP°PSPSC7 PiPµP»C7 P7PµC,C7PsPIC-PsP» P”PµPSC,P° B PjPsP¶Pµ  
C7PiC7P6C7P6PSC7C,P6 C,P6PjC7P°C7PsPIC- P·PjC-PSP6 C7PjP°PePsPIP6C...  
PIC-PrC7C7C,C,C-PI.

PiPeC%oPs C7P6PjPiC,PsPjP6 PSPµ P·PSP6PeP°C7C,C7 P°P±Ps PiPsPiC-C7C6C7C7C,C7C7C7C7  
P°P±Ps C7PeC%oPs PIP6PSP6PeP°C7C,C7 PSPsPIC- C7P6PjPiC,PsPjP6, C7P»C-Pr  
PiC7P6PiP6PSP6C,P6 P·P°C7C,PsC7C7PIP°PSPSC7 C7C7PsPiPs P»C-PeP°C7C7C7P6PePsPiPs  
P·P°C7PsP±C7 C,P° P·PIPµC7PSC7C,P6C7C7 PrPs P»C-PeP°C7C7.

P—P°C7C,PsC7C7PIP°PSPSC7 C7 PiPµC7C-PsPr PIP°PiC-C,PSPsC7C,C- P°P±Ps  
PiPsPrC7PIP°PSPSC7 PiC7C7PrPrC7.

P7Pµ C7P»C-Pr P·P°C7C,PsC7PsPIC7PIP°C,P6 P»C-PeP°C7C7C7P6PN6 P·P°C7C-P± C7  
PiPµC7C-PsPr PIP°PiC-C,PSPsC7C,C-.



P"»CЦ PiCтPсC,,C-P»P°PeC,PëPePë P·P°PiPsCГC,ЧтPμPSPSCЦ C...CтPсPSC-C†PSPsPiPs  
PiC-PSPiC-PIC-C,Сr C,P° PiP°CтPсPrPsPSC,PëC,Сr CГP»C-Pr PSP°PSPsCГPëC,Pë PiPμP»Чт  
PтPμC,ЧтPсPIC-PsP» P"»PμPSC,P° 2 CтP°P·Pë PSP° PrPsP±CГ PSP° CГCтP°P¶PμPSC-  
PrC-P»CЦPSPePë PiCтPсC,ЦPiPsPj 7Бт"10 PrPSC-PI. PμCтPсC,,C-P»P°PeC,PëC†PSC-  
PeCГCтCГPë PiCтPсPIPsPrPëC,Pë 2Бт"3 CтP°P·Pë PSP° CтC-Pe.

P"»CЦ PiCтPсC,,C-P»P°PeC,PëPePë P·P°PiPsCГC,ЧтPμPSCЧ C...CтPсPSC-C†PSPsPiPs  
PiC-PSPiC-PIC-C,Сr C,P° PiP°CтPсPrPsPSC,PëC,Сr, PiCтPë PeCтPсPIPsC,PsC†PëPIPsCГC,C-  
CЦCГPμPS C,P° PSPμPiCтPëC"»PjPSPsPjCГ P·P°PiP°C...CГ P· CтPсC,P° PIPIPμC†PμCтC-  
PiC-CГP»CЦ PiC-PiC-C"»PSC-C†PSPsPiPs C†PëC%PμPSPSCЦ P·CГP±C-PI PiPμP»Чт  
PтPμC,ЧтPсPIC-PsP» P"»PμPSC,P° P·P° PrPsPiPsPjPsPiPsCт PiP°P»ЧтC†PμPIPsPiPs  
PjP°CГP°P¶CГ P°P±Ps PIP°C,PSPsPiPs C,P°PjPiPsPSP° CГP»C-Pr PIC,PëCтP°C,Pë PI  
PrC-P»CЦPSPeCГ CЦCГPμPS CГPiCтPсPrPsPIP¶ 2Бт"3 C...PIPëP»PëPS, PiC-CГP»CЦ  
PIC,PëCтP°PSPSCЦ CГPiP»ЧтPSCГC,Pë, CтPсC, PSPμ PiPsP»PsCГPeP°C,Pë.

P— PjPμC,PsCт PiCтPсC,,C-P»P°PeC,PëPePë P·P°PiPsCГC,ЧтPμPSCЧ CГ PiP°C†C-C"»PSC,C-PI  
C-P· PeP°C,P°CтP°P»ЧтPSPëPj PiC-PSPiC-PIC-C,PsPj C- PiPμPSPμCтP°P»C-P·PsPIP°PSPëPj  
PiP°CтP°PrPsPSC,PëC,PsPj P»PμPiPePsPiPs CГC,СrPiPμPSCЦ PICтP°PSC†C- C,P°  
PIPIPμC†PμCтC- PiC-CГP»CЦ PiC-PiC-C"»PSC-C†PSPsPiPs C†PëC%PμPSPSCЦ P·CГP±C-PI P·P°  
PrPsPiPsPjPsPiPsCт PiP°P»ЧтC†PμPIPsPiPs PjP°CГP°P¶CГ P°P±Ps PIP°C,PSPsPiPs  
C,P°PjPiPsPSP° CГP»C-Pr PIC,PëCтP°C,Pë PiPμP»Чт PтPμC,ЧтPсPIC-PsP» P"»PμPSC,P°  
PIPiCтPсPrPsPIP¶ 2Бт"3 C...PIPëP»PëPS, PiC-CГP»CЦ PiCтPсC†PμPrCГCтPë CГP»C-Pr  
CГC,ЧтPëPjP°C,PëCГЧт PIC-Pr PiPsP»PsCГPeP°PSPSCЦ CтPсC,P° C- PIP¶PëPIP°PSPSCЦ  
CтC-PrPëPSPë PIPiCтPсPrPsPIP¶ PsPrPSC-C"»C— PiPsPrPëPSPë. PμCтPсC,,C-P»P°PeC,PëC†PSC-  
PeCГCтCГPë P»C-PeCГPIP°PSPSCЦ C,ЧтPëPIP°P»C-CГC,Чт 2 C,PëP¶PSC- PiCтPсPIPsPrPëC,Pë  
2Бт"3 CтP°P·Pë PSP° CтC-Pe.

P—P°CГC,PsCГCГPIP°PSPSCЦ P»C-PeP°CтCГЧтPëPsPiPs P·P°CГPsP±CГ PтPμC,ЧтPсPIC-PsP»  
P"»PμPSC,P° PSPμ P·P°PjC-PSCЦC"» PiC-PiC-C"»PSC-C†PSPμ C†PëC%PμPSPSCЦ P·CГP±C-PI,  
C,PsPjCГ PiC-Pr C†P°CГ P»C-PeCГPIP°PSPSCЦ P»C-PeP°CтCГЧтPëPëPj P·P°CГPsP±PsPj  
CГP»C-Pr PiCтPсPrPsPIP¶CГPIP°C,Pë C†PëC%PμPSPSCЦ P·CГP±C-PI.

**P"»C-C,Pë.**

PкPμ CтPμPePsPjPμPSPrCГC"»C,ЧтCГCЦ PiCтPëP·PSP°C†P°C,Pë P»C-PeP°CтCГЧтPëPëPμP  
P·P°CГC-P± PrC-C,CЦPj (PrPs 18 CтPсPeC-PI).

**PμPμCтPμPrPsP·CзPIP°PSPSCЦ.**

P'PëPiP°PrPePë PiPμCтPμPrPsP·CГPIP°PSPSCЦ PiPμP»Чт PтPμC,ЧтPсPIC-PsP» P"»PμPSC,P°  
PiCтPë PjC-CГC†PμPIPsPjCГ P·P°CГC,PsCГCГPIP°PSPSC- PSPμPIC-PrPsPjC-.

P'PëPiP°PrPePsPIPμ P°P±Ps PSP°PIPjPëCГPSPμ PiCтPсPePsPIC,CГPIP°PSPSCЦ PIPμP»PëPePsC—  
PeC-P»ЧтPëPsCГC,C- PiPμP»Чт PjPsP¶Pμ PiCтPëP·PIPμCГC,Pë PrPs P·P°PiPsCГC,ЧтPμPSPSCЦ  
PiPsP±C-C†PSPëC... CтPμP°PeC†C-PNë, C%Ps CГPiPμCтC€CГ P±CГP»Pë  
CГPiCтPëC†PëPSPμPSC- PjPμC,ЧтPсPSC-PrP°P·PsP»PsPj (C...P»PsCтPiPμPeCГPëPrPëPS  
PiCтP°PeC,PëC†PSPs PSPμ PICГPjPsPeC,CГC"»C,ЧтCГCЦ P·C- C€P»CГPSPePsPIPs-  
PePëC€PePsPIPsPiPs C,ЧтP°PeC,CГ). PjC- CтPμP°PeC†C-C— PIPeP»ЧтC†P°CтC,Чт

PSCfPrPsC,Cr, P±P»CĤPIP°PSPSCĬ, P·P°PīP°PjPsCĤPsC±PμPSPSCĬ. Pj P±C-P»CĤC€  
CÍPμCĤPNēPsP·PSPëC... PIPëPīP°PrPeP°C... PjPsP¶CfC,CĤ CÍPīPsCÍC,PμCĤC-PiP°C,PëCÍCĬ  
PīP°CĤPμCÍC,PμP·C-CĬ C,P° CÍCfPrPsPjPë. P°PëCÍPsPeC- PrPsP·Pë C,P° C,CĤPëPIP°P»Pμ  
CÍPëCÍC,PμPjPSPμ P»C-PeCfPIP°PSPSCĬ PjPμC,CĤPsPSC-PrP°P·PsP»PsPj PīPsPI'CĬP·P°PSC- P·  
CĤPsP·PIPëC,PePsPj P»PμPNēPePsPīPμPSC-C—, PSPμPNēC,CĤPsPīPμPSC-C—,  
PīC-PrPIPëC%oPμPSPëPj CĤPëP·PëPePsPj PīPμCĤPëC,,PμCĤPëC±PSPsC—  
PSPμPNēCĤPsPīP°C,C-C— C- C,PsPeCÍPëC±PSPsCÍC,C- C†PμPSC,CĤP°P»CĤPSPsC—  
PSPμCĤPIPSPsC— CÍPëCÍC,PμPjPë. P—P±PμCĤC-PiP°C,Pë PI PSPμPrPsCÍC,CrPīPSPsPjCf  
PrP»CĬ PrC-C,PμPNē PjC-CÍC†C-. Pj CĤP°P·C- PīCĤPsPePsPIC,CrPIP°PSPSCĬ CÍP»C-Pr  
PSPμPīP°PNēPSPs P·PIPμCĤPSCfC,PëCÍCĬ P·P° PjPμPrPëC±PSPsCĤ PrPsPīPsPjPsPīPsCĤ. P°P»CĬ  
P»C-PeCfPIP°PSPSCĬ PīPμCĤPμPrPsP·CfPIP°PSPSCĬ PSPμPsP±C...C-PrPSPs PīCĤPsPjPëC,Pë  
C€P»CfPSPsPe C,P° P·P° PSPμPsP±C...C-PrPSPsCÍC,C- PīCĤPsPīPμCÍC,Pë  
CÍPëPjPīC,PsPjP°C,PëC±PSCf C,PμCĤP°PīC-CĤ.

**PμPsP±C-C±PSC- CĤPμP°PeC†C-C—.**

PμCĤPë PjC-CÍC†PμPIPSPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- PiPμP»CĤ PĤPμC,CĤPsPIC-PsP»  
P°PμPSC,P° CĤPëP·PëPe CĤPsP·PIPëC,PeCf CÍPëCÍC,PμPjPSPëC... PīPsP±C-C±PSPëC...  
PμC,,PμPeC,C-PI PSPμP·PSP°C±PSPëPNē, PsPrPSP°Pe C-PSPsPrC- PjPsP¶CfC,CĤ  
CÍPīPsCÍC,PμCĤC-PiP°C,PëCÍCĬ CĤPμP°PeC†C-C—, C%oPs PsPīPëCÍP°PSC- PSPëP¶C±Pμ.

P— P±PsPeCz C-PjCzPSPSPsC— CÍPëCÍC,PμPjPë: P°P»PμCĤPiC-C±PSC- CĤPμP°PeC†C-C—,  
PIPeP»CĤC±P°CĤC±Pë PIPëCÍPëPīP°PSPSCĬ PSP° C€PeC-CĤC-, CÍPIPμCĤP±C-P¶,  
PeCĤPsPīPëPīPĤ™ CĬPSPeCf, P°PSPiC-PsPSPμPICĤPsC,PëC±PSPëPNē PSP°P±CĤCĬPe,  
P°PSP°C,,C-P»P°PeCÍC-CĤ, PIPeP»CĤC±P°CĤC±Pë P°PSP°C,,C-P»P°PeC,PëC±PSPëPNē C€PsPe.  
P°CfPI PsPīPëCÍP°PSPëPNē PsPrPëPS PIPëPīP°PrPsPe PSP°P±CĤCĬPeCf PīPsPIC-Pe CĬPe  
PīCĤPsCĬPI P°PSPiC-PsPSPμPICĤPsC,PëC±PSPsC— CĤPμP°PeC†C-C—.

P— P±PsPeCz PSPμCĤPIPSPsC— CÍPëCÍC,PμPjPë: PīPsP»PsPIPSPëPNē P±C-P»CĤ.

P— P±PsPeCz PsCĤPiP°PSC-PI P·PsCĤCz: PīCĤPë PīPsC,CĤP°PīP»CĬPSPSC- PiPμP»CĤ PSP°  
PrC-P»CĬPSPeCf, P±P»PëP·CĤPeCf PrPs PsC±PμPNē, PjPsP¶Pμ P·PĤ™ CĬPIPëC,PëCÍCĬ  
CÍP»CĤPsP·PsC,PμC±P°, CÍCfC...C-CÍC,CĤ CÍP»PëP·PsPSPsC— PsP±PsP»PsPSPëPë C,P°  
PSPμC,CĤPëPIP°P»Pμ PīPsC±PμCĤPIPSPSC-PSPSCĬ.

P— P±PsPeCz C€P»CzPSPePsPIPs-PePëC€PePsPIPsPiPs C,CĤP°PeC,Cz: PjPμC,P°P»PμPIPëPNē  
PīCĤPëCÍPjP°Pe Cr CĤPsC,C-, PiC-CĤPePëPNē PīCĤPëCÍPjP°Pe Cr CĤPsC,C-,  
PSCfPrPsC,P°, PjPsP¶P»PëPIP° PīPsCĬPIP° PSP°P»CĤPsC,C-PI Cr PīPsCĤPsP¶PSPëPSC-  
CĤPsC,P°, PSP° PīPsPīPμCĤC...PSC- P·CfP±C-PI C,P° CĬP·PëPeP°.

P PμP°PeC†C-C— Cz PjC-CÍC†C- P·P°CÍC,PsCÍCzPIP°PSPSCĬ: PīPμC±C-PSPSCĬ PI  
PjC-CÍC†C- PSP°PSPμCÍPμPSPSCĬ, PīPsPrCĤP°P·PSPμPSPSCĬ PI PjC-CÍC†C-  
PSP°PSPμCÍPμPSPSCĬ.

P°PSC- PeP»C-PSC-C±PSPëC... PIPëPīCĤPsP±CfPIP°PSCĤ

PμP»P°C†PμP±Ps-PePsPSC,CĤPsP»CĤPsPIP°PSC- PrPsCÍP»C-PrP¶PμPSPSCĬ P·  
PrPsCÍC,P°C,PSC-PjPë PrP°PSPëPjPë PīCĤPs PīPsP±C-C±PSC- PμC,,PμPeC,Pë PīCĤPë



P·P°CÍC,PsCÍCfPIP°PSPSC- PePsPjP±C-PSP°C†C-C— C...P»PsCĤPiPμPeCÍPëPrPëPSCf C,P° PjPμC,CĤPsPSC-PrP°P·PsP»Cf PSPμ P±CfP»Pë PrPsCÍC,CfPíPSC-.

P°P°PSC- PíPsCÍC,PjP°CĤPePμC,PëPSPiPsPIPëC... PrPsCÍP»C-PrP¶PμPSCĤ.

PμPsP±C-C†PSC- CĤPμP°PeC†C-C—, PIPëCĤPIP»PμPSC- PíC-Pr C†P°CÍ PíPsCÍC,PjP°CĤPePμC,PëPSPiPsPIPiPs PrPsCÍPIC-PrCf P·P°CÍC,PsCÍCfPIP°PSPSCĤ PePsPjP±C-PSP°C†C-C— C...P»PsCĤPiPμPeCÍPëPrPëPSCf C,P° PjPμC,CĤPsPSC-PrP°P·PsP»Cf, PSP°PIPμPrPμPSC- PSPëP¶C†Pμ. PŞP°CÍC,PsC,P° PíPsP±C-C†PSPëC... CĤPμP°PeC†C-PNë PSP°PIPμPrPëC,CĤCÍCĤ P· PIPëPePsCĤPëCÍC,P°PSPSCĤPj C,P°PePëC... CfPjPsPIPSPëC... PeP°C,PμPiPsCĤC-PNë: PrCfP¶Pμ C†P°CÍC,Ps (≥ 1/10), C†P°CÍC,Ps (PIC-Pr ≥ 1/100 PrPs < 1/10), PSPμC†P°CÍC,Ps (PIC-Pr ≥ 1/1000 PrPs < 1/100), CĤC-PrPePs (PIC-Pr ≥ 1/10000 PrPs < 1/1000), PrCfP¶Pμ CĤC-PrPePs (< 1/10000) C,P° C†P°CÍC,PsC,P° PSPμPIC-PrPsPjP° (PSPμPjPsP¶P»PëPIPμ PsC†C-PSPëC,Pë P· PsPiP»CĤPrCf PSP° PSP°CĤPIPSC- PrP°PSC-).

*P— P±PsPeCz C-PjCzPSPSPsC— CÍPëCÍC,PμPjPë:* PrCfP¶Pμ CĤC-PrPePs вĤ“ CĤPμP°PeC†C-C— PíC-PrPIPëC%oPμPSPsC— C†CfC,P»PëPIPμCÍC,C-.

*P— P±PsPeCz CεPeC-CĤPë C,P° PíC-PrCεPeC-CĤPSPsC— PeP»C-C,PePsPIPëPSPë:* PrCfP¶Pμ CĤC-PrPePs вĤ“ P°PSPiC-PsPSPμPICĤPsC,PëC†PSPëPNë PSP°P±CĤCĤPe.

PμCĤPë PsCĤP°P»CĤPSPsPjCf P·P°CÍC,PsCÍCfPIP°PSPSC- C...P»PsCĤPiPμPeCÍPëPrPëPSCf PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSCĤ PíC-PíPμCĤC†CfC,P»PëPIPμCÍC,C-, PIPeP»CĤC†P°CĤC†Pë CÍPëPjPíC,PsPjPë P°PSP°C,,C-P»P°PeCÍC-C—, PíPsPrCĤP°P·PSPμPSPSCĤ CĤPsC,P°, P·PSPμP±P°CĤPIP»PμPSPSCĤ P·CfP±C-PI C- CĤP·PëPeP°, PíC-PrPIPëC%oPμPSPSCĤ CfC,PIPμCĤPμPSPSCĤ P·CfP±PSPsPiPs PeP°PjPμPSCĤ, P·PjC-PSCf CÍPjP°PePsPIPëC... PIC-PrC†CfC,C,C-PI, PíC-CĤPePëPNë PíCĤPëCÍPjP°Pe Cf CĤPsC,C-, P° C,P°PePsP¶ PíPμC†C-PSPSCĤ, PsPSC-PjC-PSPSCĤ, CÍCfC...C-CÍC,CĤ C- P±PsP»CĤC†C-CÍC,CĤ CÍP»PëP·PsPIPμC— PsP±PsP»PsPSPePë CĤPsC,P°.

PμC-Pr C†P°CÍ PíPsCÍC,PjP°CĤPePμC,PëPSPiPsPIPiPs P·P°CÍC,PsCÍCfPIP°PSPSCĤ PíPsPIC-PrPsPjP»CĤP»PsCÍCĤ PíCĤPs PeCĤPsPíPëPíBĤ™ CĤPSPeCf P· PSP°P±CĤCĤPePsPj PsP±P»PëC†C†CĤ, PíCfP±, CĤPsC,P°, PíPsCĤP»P° C,P° PIC-PrC†CfC,C,CĤPj CÍPIPμCĤP±PμP¶Cf, CfC,CĤCfPrPSPμPSPμ PrPëC...P°PSPSCĤ, C...CĤPëPíPsC,Cf, PSPμPíCĤPëC,PsPjPSC-CÍC,CĤ, P° C,P°PePsP¶ P°P»PμCĤPíC-C†PSC- CĤPμP°PeC†C-C— (P°PSP°C,,C-P»P°PeCÍC-CĤ) Cf PíPsCĤPsP¶PSPëPSC- CĤPsC,P° PSP° PIC-PrPeCĤPëC,PëC... CĤP°PSP°C....

Pj PIPëPíP°PrPeCf PíPsCĤPIPë C†PëC... P°P±Ps C-PSCεPëC... PSPμP±P°P¶P°PSPëC... PμC,,PμPeC,C-PI CÍP»C-Pr PíCĤPëPíPëPSPëC,Pë P»C-PeCfPIP°PSPSCĤ C,P° PíCĤPsPePsPSCÍCfP»CĤC,CfPIP°C,PëCÍCĤ P· P»C-PeP°CĤPμPj.

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PμPsPIC-PrPsPjP»PμPSPSCĤ PíCĤPs PíC-PrPsP·CĤCĤPIP°PSC- PíPsP±C-C†PSC- CĤPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCĤ PíCĤPs PíPsP±C-C†PSC- CĤPμP°PeC†C-C— PíC-CÍP»CĤ

