

Pt^{II}PIPsC₇PsP⁺ Ph₃P»CH₃C†PiP_μPN₆PjPμC₇P° PIC-Pr C†PμC₇PμPrPSC₆PsPiPs C†C,Cr†PiPμPSC₆C,CμP¶PePsC†C,C- PrPs C,CμP¶PePëC... C_μPsC₇Pj.

P⁺C-PrP_uCH₃C+CrC, P⁺PePIC-ClC, CH₃ PrPs PrC-CH₃C+PsC- CH₃PuC+PsPIPëPSPë P⁺±Ps PrPs P±CrPrCH₃- ClIPePsPiPs PePsPjPiPsPSPuPSC, P⁺ PiCH₃PuPiP⁺CH₃P⁺C, Cr.

[illegible][illegible]

P*PuCIIPeC- C, P*PeC, PScTPe, C%Ps CFICThPeCtPePSCuChC, Ch P-P±C- P*ChCεPuPSPSCu ChPκ CThPuCtC- , PjPsPeCfCfC, Ch P-CfPjPsPiPeC, Pε PSpPuP±C... C-PrPSC- Pfc, Ch CThPuC, PuP*ChPSPePSPiPs PSpP*PiP* CIIPeC- C*PSC, PSpj, P*PePεP*P*PSC- C, P*PeC, PScThPe PiPeP*ChCtP*ChC, Ch P- PSpC*PSC- P-PjC- PSpC PrC- C*P- C, PSc, PSpPiCThPePeP*Pr P- P*PjC- PSCf P±Pr*PiP* C, PSpPiPs Pjεtε CIICTPSPiCThPe CfC, CThC*PiP*PjPe ChP*ChC- PSpSCf PSp* PiPjPuPiP* C, P*ChC- P*PSCfCThPePePεN P*P±Ps P¶ C- PSC, PuPSCfPεPiPSPεPεN PictHεPεN PSpj P*PSC, P*ChPεPrPSPεC... CεP* CfpPSPePsPiPeC... P*P*CTPSPeCtP- P. PncChC- Pj, C, PSpPiPs, ChPκ CfThPuC- PjPsP¶Pu CTh- PrPiPeC* C*CFPiPεC, PεCfCTC CtPuCThPuP- CThC, PrPSPε C, C±P- P*P*P* CIICTPSPiPs PSpεCThPePSPiPsPj P*ChPεPrSP- Cf P*P±Ps C, CIICTPεC- C- PSC, PuPeCtC- C- CfThPuCThPSPiPs C, ChP*PeC, Cf, CfThCfPεCfPεPSPuPSC- *Proteus bacteria*. PuC- Pr C4PCT P±C- P*ChCεPεSCfC, C- PeP* C- PSC- C4PSPεC... PrPSCfP C- PrP¶PuPSPSCH, PiP*ChC- C*PSC, Pε, CIIPeC- PSpPuC%PsPrP*PiPSPs PiPuCThPuPSPuCTP*Pε C- PSC-, P*ChPeC, PjC- PsPeP*ChPPrP*, C, P* PiP*ChC- C*PSC, Pε P- PrP¶PeSpPjPuPSPCTPiP*PSPSCh P*P*CTC, C- PmPSPSC P CThPChCtPuPiPSC PSpPuPSPSCfC, PSC, PSC- CThC (III- IV C, CfPiP*PSPCII P- PjC- PrPSPs P- PeP* P*CTPεC, C- PeP*ChC- C*Ch PκChCCh- P** PScChPeCfChPePsC- PeP*ChPjC- P±P C- PSpCiC- C4PSPSc- P*CTPScCfC- P*CTC- C-), P° C, P°PePsP¶ PiP*CTC- C*PSC, Pε P- PSpPuPePsPSC, ChPεP*ChPεPiP*PSPSCh P*ChC, PjChC- P*P*ChPSPePSPCh PjC- PiPuCThC, PiPSP- C*Ch P PiPePεP*ChCtP*PεCfCTC P- C4PeCfP* P C4P*ChPSPεC- P- I. P*PSP*CTP* C- PrPSPs P CThHPSPiPs PSp* CIIPIPSC- P*DePεCfP PSp±PjPuP¶PuPSC- PjC- PrPiPSPiC- PrPSC- PrP*PSC-, P° P* P* PiP*ChC- C*PSC, P*Pjε P- C, P*PePεPjε P- P° C-, PiPScThCPIP*PSPSCIIjPe PSpPuP±C... C- PrPSPεPεN ChPuC, PuP*ChHPSPεPεN PSp*PiP* CIIPr. C- P- PeP*ChCfCThPePePεN P*P*CTC- P± PjC- CTfC, PεC, Ch PjPuPSPεPεN PSC- P¶ I PjPjPsCh PSpSC, ChC- Ch (23 PjP) PSp* C, P*P±P*PuC, PeCf, C, P±P±C P±S PICTP*PeC, PεCfPSPs PSC PjC- CTfC, PεC, Ch PSpC, ChC- Ch.

$$P-P^{\circ}C\dot{F}C, PsC\dot{F}C\dot{z}PIP^{\circ}PSPSC\dot{U} \ C\dot{z} \ PiP\mu C\dot{F}C-PsPr \ PIP^{\circ}PiC-C, PSPsC\dot{F}C, C- \ P^{\circ}P\pm Ps \ PiPsPrC\dot{z}PIP^{\circ}PSPSC\dot{U} \\ PiC\dot{F}C\dot{z}PrPrC\dot{F}.$$

[illegible][illegible]
$$P^{\circ}C-C, P\ddot{e}.$$

$$PuC\overline{H}PuPiP^{\circ}C\overline{H}P^{\circ}C, PSPu\ P-P^{\circ}C\overline{I}C, PsC\overline{I}PsPICfPIP^{\circ}C, P\ddot{e}\ PrC-C, C\overline{I}P\overline{I} (PIC-PePsP\overline{I}\ PrPs\ 18\ C\overline{H}PsPeC-PI)\ C\overline{f}\ Pr-P\overline{I}P\overline{H}\ \dots\ C\overline{I}P\overline{I}\ PeC\overline{f}\ P^{\circ}\ PSPuPrPsC\overline{I}C, P^{\circ}C, PSC-C\overline{I}C, C\overline{H}\ PrP^{\circ}PSP\ddot{e}C\dots\ C^{\circ}_{\infty}PsPrPs\ P\pm PuP\overline{I}\ PiPuPeP\ddot{e}\ C, P^{\circ}\ P\ddot{e}C, PuPeC, P\ddot{e}PiC, P\ddot{e}PiC, C-C, C-.$$

PuPμCηPμPγPsP·CζPIP°PSPSCι.

Р"PsCГPIC-Pr PsP±PjPμP¶PμPSPßP№.
PŸPëPjPjC,PsPjPë. P'C-PrPSPsCГPSPs P·PSP°C±PSC- PиPμCГPμPrPsP·CfPIP°PSPSCи (200 PjPi C- 105 PjPi PSP° PrPsP±Cf PиCГPсC,CIиPiPsPj 3 PrPSC-PI PIC-PrPиPsPIC-PrPSPs) P±CfP»Pë P°P±Ps PиPsPиP¶P¶ CIиP·P°PSC- P·C- CГPëPjPиC,PsPjP»PjPë PиC-PrPиPëC%PμPSPsC— PIC,PsPjP»CГPиP°PSPsCГC,C-, CГP»P°P±PePsCГC,C- C,P°/P°P±Ps PrC-Р°CГPμC"СГ, P°P±Ps PjP°P»Pë P±PμP·CГPëPjPиC,PsPjPSPëP№ PиPμCГPμP±C-PI. PμCГPë PиPμCГPμPrPsP·CfPиP°PSPSC- PrPs 140 PjPi P°P±Ps PSPμPICГC,P°PSPsPиP»PμPSPsCГ PrPsP·PsCГ CГPиPsCГC,PμCГC-PIP°P»Pë CГPëPjPиC,PsPjPë PиPsCГCfCëPμPSPSCи C†PμPSC,CГP°P»CГPSPsC— PSPμCГPиPsPиPsC— CГPëCГC,PμPjPë (CГPиP»CfC,P°PSC-CГC,СГ, PиP¶P¶ CIиP»C-CГC,CГ, CГPсPSP»PëPIC-CГC,СГ, P·P°PиP°PjPsCГPsC†PμPSPSCи, P·P±CfPrP¶PμPSPSCи, P°PиCГPμCГC-Cи, PиP°P»CГ†PëPSP°C†C-C-, CГPсP»P» CГPSPsC— PSPμCГPиPsPиPsC— CГPëCГC,PμPjPë (PePsPjP° PиCГPсC,CIиPiPsPj 10 PrPSC-PI, PиC-Р·PSC-CëPμ P¶P° PrPëPиP»PsPиC-Cи C,P° P·P±CfPrP¶PμPSC-CГC,СГ). PμP°C†C-C"°PSC,Cf PиCГPиPsPиPrPëP·Pë CГPëPjPиC,PsPjP°C,PëC±PSPμ P»C-PëCfPиP°PSPSCи C- PиP»P°P·PjP°C,,PμCГPμP·. PμP°C†C-C"°PSC, PиPsPиPSC-CГC,СГ PsPrCfP¶P°PI P±PμP· P±CfPrCГP-CиPëPëC... PиPμCГPμP°PSPμPSC,PSPëC... P·P°P»PëCëPePsPиPëC... CIиPиPëC%.
P©Pμ PI PsPrPSPsPjCf PиPëPиP°PrPëCf P·PSP°C±PSPsPиPs PиPμCГPμPrPsP·CfPиP°PSPSCи (400 PjPi PjPμPjP°PSC,PëPSCf PиPëP¶PëPI C- Cf PSCГPсPиPs CГPиPsCГC,PμCГC-PIP°P»PëCГCи CГPсP»P°P°PrPë P· P±PsPëCf C†PμPSC,CГP°P»CГPSPsC— PSPμCГPиPsPиPsC— CГPëCГC,PμPjPë (PePsPjP° PиCГPсC,CIиPiPsPj 10 PrPSC-PI, PиC-Р·PSC-CëPμ P¶P° PrPëPиP»PsPиC-Cи C,P° P·P±CfPrP¶PμPSC-CГC,СГ). PμP°C†C-C"°PSC,Cf PиCГPиPsPиPrPëP·Pë CГPëPjPиC,PsPjP°C,PëC±PSPμ P»C-PëCfPиP°PSPSCи C- PиP»P°P·PjP°C,,PμCГPμP·. PμP°C†C-C"°PSC, PиPsPиPSC-CГC,СГ PsPrCfP¶P°PI P±PμP· P±CfPrCГP-CиPëPëC... PиPμCГPμP°PSPμPSC,PSPëC... P·P°P»PëCëPePsPиPëC... CIиPиPëC%.
P©Pμ PI PsPrPSPsPjCf PиPëPиP°PrPëCf P·PSP°C±PSPsPиPs PиPμCГPμPrPsP·CfPиP°PSPSCи (400 PjPi PjPμPjP°PSC,PëPSCf PиPμCГPсCГP°P»CГPSPs) PиP°C†C-C"°PSC, C,P°PePsP¶P PиPëP¶PëPI C- PsPrCfP¶P°PI. Pj PSCГPсPиPs CГPиPsCГC,PμCГC-PIP°P»PëCГCи CГPсP»P°P°PrPë P· P±PsPëCf C†PμPSC,CГP°P»CГPSPsC— PSPμCГPиPsPиPsC— CГPëCГC,PμPjPë, C,P°PeC- CIиPe P·P°PSPμPиPsPëPсC"°PSC-CГC,СГ, PиCГPëC...PsP·, P·PsCГPиPIC- PиP°P»CГC†PëPSP°C†C-C-, CГCfPrPsPjPSP° PиPsC,PsPиPSC-CГC,СГ, CГPсPSP»PëPIC-CГC,СГ, P·P°C†C-PIPμPSC-PSPSCи C,P° CГC,P°PS PSPμCГPIC-PrPsPjPsCГC,C-, P·C-PëC±PиP°PSPSCи. PŸPëPjPиC,PsPjP°C,PëC±PSPμ, CГPиPμC†PëC,C-C±PSPsPиPs P°PSC,PëPrPsC,Cf PSPμ C-CГPSPсC". PŸP»C-Pr PиPëPePsCГPëCГC,PsPICfPиP°C,Pë CГC,P°PSPPrP°CГC,PSC- PeP»C-PSC-C±PSC- PиCГPсC†PμPrCfCГPë PrP»Cи PиPëPrP°P»PμPSPSCи PrC-СГC±PsC— CГPμC±PsPиPëPSPë P· PsCГPиP°PSC- P·PjCf, PSP°PиCГPëPeP»P°Pr PиCГPсPjPëPиP°PSPSCи CëP»CfPSPëP°, PиCГPëP№PsPj P°PeC,PëPиPsPиP°PSPsPиPs PиC†PиC-Р»P·Cи, PjPμC,PsPrPë PиC-PrPëPëCГP»PμPSPSCи CГPμP°PëC†C-C— CГPμC±C-, C,,PsCГCГPсPиP°PSPëP№ PrC-CfCГPμP·. Pj PиPëPиP°PrPëCf PSP°PrPjC-CГPSPsC— P·P°PиP°P»CГPSPsC— CГC,PëPjCfP»CиC†C-C— C†PμPSC,CГP°P»CГPSPsC— PSPμCГPиPsPиPsC— CГPëCГC,PμPjPë CГPëPjPиC,PsPjP°C,PëC±PSC- P»C-PëCfPиP°P»CГPSC- P·P°C...PsPrPë CГP»C-Pr PиPëPePsCГPëCГC,PsPICfPиP°C,Pë P· PsP±PμCГPμP¶PSC-CГC,СГ.

PμPsP±C-C±PSC- CГPμP°PëC†C-C—.
P—P°PиP°P»CГPSC- PrP°PSC- C%PсPPrPs PиCГPсC,,C-P»CГ P±PμP·PиPμPëPë, PμC-Pr C†P°CГ PeP»C-PSC-C†PSPëC... PrPsCГP»C-PrP¶PμPSCГ P·P° CfC†P°CГC,СГ PиP°C†C-C"°PSC,C-PI P· P»PμPиPePsCГ C,P° C,CIиP¶PePsCГ PrPμPjPμPSC†C-C"СГ (1784 PиP°C†C-C"°PSC,Pë PиCГPëP№PjP°P»Pë PjPμPjP°PSC,PëPS, P° 1595 P¶P° PиP°P°C†PμP±Ps) P·P°PиP°P»CГPSP° C†P°CГC,PsC,P° PиPsP±C-C†PSPëC... CГPμP°PëC†C-P№ PSPμ PIC-PrCГC-Р·PSCиP»P°CГCи PIC-Pr C,P°PePsC— PSP° C,P»C- PиCГPëP№PsPjCf PиP°P°C†PμP±Ps, P° PSPμPиP°C,PëPиPSC- CIиPиPëC%P° P·P°P·PиPëC†P°P№ PjP°P»Pë P»PμPиPePëP№ P°P±Ps CГPμCГPμPrPSC-P№ CГC,CfPиC-PSCГ C,CIиP¶PePsCГC,C- PëP°P№C±P°CГC,C-CëPëPjPë PиPsP±C-C±PSPëPjPë CГPμP°PëC†C-CиPjPë, C%Pс CГPиPsCГC,PμCГC-PIP°P»PëCГCи P· P±C-P»CГPëPсCГ C†P°CГC,PsC,PsCГ Cf PиCГC†PиC- PиP°C†C-C"°PSC,C-PI, CIиPeC- PиCГPëP№PjP°P»Pë PjPμPjP°PSC,PëPS, PSC-P¶P Cf PиCГC†PиC- PиP°P°C†PμP±Ps, P±CfP»Pë P·P°PиP°PjPsCГPsC†PμPSPSCи (6,3 % PиCГPсC,Pë 5,6 % PIC-PrPиPsPIC-PrPSPs), PиPsP»PsPиPSPëP№ P±C-P»CГ (5,2 % PиCГPсC,Pë 3,9 %), P·P°PиPsCГ (4,6 % PиCГPсC,Pë 2,6 %), CГPсPSP»PëPIC-CГC,СГ (3,4 % PиCГPсC,Pë 2,2 %) C,P° PиC-PиPμCГC,PsPSC-C†PSP° C...PиPsCГPsP±P° (4,1 % PиCГPсC,Pë 2,8 %). PëP°PиPμPrPμPSC- PSPëP¶C†Pμ Cf C,P°P±P»PëC†C- PиPsP±C-C±PSC- CГPμP°PëC†C-C—, C%Pс CГPиPsCГC,PμCГC-PIP°P»PëCГCи PиC-Pr C†P°CГ PeP»C-PSC-C†PSPëC... PrPsCГP»C-PrP¶PμPSCГ C- PjPμPrPëC±PSPsPиPs P·P°CГC,PsCГC†PиP°PSPSCи, P·P° C†P°CГC,PsC,PsCГ PиPëP·PSP°C†P°CГC,СГPëCГCи CIиPe: PrCfP¶Pμ C†P°CГC,Ps (≥1/10), C†P°CГC,Ps (≥1/100 PrPs <1/10), PSPμC†P°CГC,Ps (≥1/1000 PrPs <1/100), CГC-PrPePs (≥1/10000 PrPs <1/1000), PrCfP¶Pμ CГC-PrPePs (<1/10000), C†P°CГC,PsC,P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶PSP° PиCГC,P°PSPsPиPëC,Pë P·P° PSP°CIиPиPSPëPjPë PrP°PSPëPjPë).

