

РљРѕРџ РћРџРџРџ L01E X03.

PαP°CḡPjP°PePsP»PsPiC-C#PSC- PIP»P°CfC,PëPIPsCfC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

P'PsC,CḡC-C" PSC,^{PÿPḡ} C" P·P°Cf'PsP±PsPj PrP»Cḡ PīPμCḡPsCḡP°P»CHḡPSPsPiPs
P·P°Cf'C,Pscf'CrPIP°PSPSCḡ, PīPsC,Cf'PḡPSPëPj P±P°PiP°C,PSPjC-CḡPμPSPμPIPëPj
C-PSPiC-P±C-C,PscḡPsPj C,PëCḡPsP·PëPSPeC-PSP°P·Pë (P†PÿPḡ) CḡPμC†PμPīC,PscḡC-PI
C,,P°PeC,PscḡP° CḡPsCf'C,Cr PμPSPPrPsC,PμP»C-Cḡ Cf'CrPrPëPS [Vascular Endothelial Growth
Factor Receptors, VEGFR]-1, -2 C- -3, CḡPμC†PμPīC,PscḡC-PI C,CḡPsPjP±PsC†PëC,P°CḡPSPsPiPs
C,,P°PeC,PscḡP° CḡPsCf'C,Cr [Platelet-Derived Growth Factor Receptors, PDGFR]-α C- β C,P°
CḡPμC†PμPīC,PscḡP° C,,P°PeC,PscḡP° Cf'C,PSPiP±CrCḡPsPIPëC... PeP»C-C,PëPS (c-KIT),
PrP»Cḡ CḡPePëC... IC₅₀ PīCḡPμPīP°CḡP°C,Cr Cf'C,P°PSPsPIPëC,CH 10, 30, 47, 71, 84 C,P°
74 PSPjPsP»CHḡ/PjP» PIC-PrPīPsPIC-PrPSPs. PμC-Pr C#P°Cf' PrPsPeP»C-PSC-C#PSPëC...
PμPeCf'PīPμCḡPëPjPμPSC,P°P»CHḡPSPëC... PrPsCf'P»C-PrPḡPμPSCḡ PīP°P·PsPīP°PSC-P±
PrPsP·PsP·P°P»PμPḡPSPs C-PSPiC-P±Cf'PIP°PI P»C-PiP°PSPr-C-PSPrCf'PePsPIP°PSPμ
P°CrC,Psc,,Pscf'c,,PscḡPëP»CḡPIP°PSPSCḡ CḡPμC†PμPīC,PscḡC-PI VEGFR-2, c-Kit C,P° PDGFR-
β Cr PeP»C-C,PëPSP°C.... PμC-Pr C#P°Cf' PrPsCf'P»C-PrPḡPμPSCḡ
in vivo PīP°P·PsPīP°PSC-P± C-PSPiC-P±Cf'PIP°PI VEGF-C-PSPrCf'PePsPIP°PSPμ VEGFR-2
C,,Pscf'c,,PscḡPëP»CḡPIP°PSPSCḡ PI P»PμPiPμPSCḡC... C,PIP°CḡPëPS, P°PSPiC-PsPiPμPSPμP·
Cr C,PIP°CḡPëPS Cr CḡC-P·PSPëC... PμPeCf'PīPμCḡPëPjPμPSC,P°P»CHḡPSPëC...
PjPsPrPμP»CḡC... C,P° CḡC-Cf'C, PjPSPsPḡPëPSPSPëC...
PeCf'PμPSPsC,CḡP°PSCf'PīP»P°PSC,P°C,C-PI PīCf'C...P»PëPSPë P»CḡPrPëPSPë Cr C,PIP°CḡPëPS.

PαP°CḡPjP°PePsPiPμPSPsPjC-PeP°

PJ C,,P°CḡPjP°PePsPiPμPSPμC,PëC#PSPsPjCr PjPμC,P°P°PSP°P»C-P·C- PrP°PSPëC... 31
PeP»C-PSC-C#PSPsPiPs PrPsCf'P»C-PrPḡPμPSPSCḡ PīP°P·PsPīP°PSC-P±Cr, CḡPePëPḡ
PīCḡPëP·PSP°C#PëP»Pë CḡPe PjPsPSPsC,PμCḡP°PīC-Cḡ P°P±Ps Cf'CrPjC-Cf'PSPs P·
C-PSCḡPëPjPë PīCḡPμPīP°CḡP°C,P°PjPë, Cr 19 % PīP°C†C-C" PSC,C-PI P· HLA-B*57:01
P°P»PμP»PμPj C,P° Cr 10 % PīP°C†C-C" PSC,C-PI P±PμP· PSCḡPsPiPs
Cf'PīPsCf'C,PμCḡC-PiP°P»Pë CḡC-PIPμPSCḡ
P°P»P°PSC-PSP°PjC-PSPsC,CḡP°PSCf'C,,PμCḡP°P·Pë (PḡP·Pÿ), Cr
5 CḡP°P·C-PI PIPëC%PëPḡ P·P° PIPμCḡC...PSCḡ PjPμPḡCr PSPsCḡPjPë (P'PḡPḡ) (3
Cf'C,CrPīC-PSCḡ), 133 P· 2235 PīP°C†C-C" PSC,C-PI PIPeP°P·P°PSPëC... PIPëC%Pμ
PeP»C-PSC-C#PSPëC... PrPsCf'P»C-PrPḡPμPSCḡ PjP°P»Pë HLA-B*57:01 P°P»PμP»CHḡ (PrPëPI.
CḡPsP·PrC-P» B«PḡCf'PsP±P»PëPIPsCf'C,C- P·P°Cf'C,Pscf'CrPIP°PSPSCḡB»).B B B B B **B**

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PḡP±Cf'PsCḡP±C†C-Cḡ

PμC-Cf'P»Cḡ PīPμCḡPsCḡP°P»CHḡPSPsPiPs PīCḡPëPḡPsPjCr CḡP°P·PsPIPsC— PrPsP·Pë
PīP°P·PsPīP°PSC-P±Cr 800 PjPi PīP°C†C-C" PSC,P°PjPë P· Cf'PsP»C-PrPSPëPjPë
PīCf'C...P»PëPSP°PjPë C_{max} PīCḡPëP±P»PëP·PSPs 19 B± 13 PjPePi/PjP» PI PīP»P°P·PjC-
PeCḡPsPIC- PrPsCf'CḡPīP°C" C,CHḡCf'Cḡ PI Cf'PμCḡPμPrPSCḡPsPjCr C#PμCḡPμP·
3,5 PiPsPrPëPSPë (PrC-P°PīP°P·PsPs: 1,0-11,9 PiPsPrPëPS), P°B P·PSP°C#PμPSPSCḡ AUC_(0-∞)
Cf'C,P°PSPsPIPëC,CH PīCḡPëP±P»PëP·PSPs 650 B± 500 PjPePi×PiPsPr/PjP». P©PsPrPμPSPSPëPḡ
PīCḡPëPḡPsPj PīCḡPμPīP°CḡP°C,Cr P·CrPjPsPIP»CḡC" P·CḡPsCf'C,P°PSPSCḡ AUC_(0-T) PI 1,23-4
CḡP°P·Pë. PμCḡPë P·P±C-P»CHḡCḡPμPSPSC- PrPsP·Pë P'PsC,CḡC-C" PSC,Cf'^{PÿPḡ} PīPsPSP°Pr 800
PjPi PIC-PrPīPsPIC-PrPSPμ P·CḡPsCf'C,P°PSPSCḡ AUC C,P° C_{max} PIC-PrCf'CrC,PSC".

$P\ddot{Y}P\acute{e}C\acute{I}C, P_{\mu}P_jPSP_{\mu} PIC\acute{I}P_jPsPeC, C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} P\cdot C\dot{H}PsC\acute{I}C, P^{\circ}C'',$
 $C\dot{I}PeC\%_{\circ}Ps PIC-PS P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}P_jP^{\circ}C''C, CHC\acute{I}C\dot{I} C\dot{H}P^{\circ}P\cdot PsP_j P\cdot C-P\parallel P_{\mu}C\dot{H}.$
 $P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} P'PsC, C\dot{H}C-C''PSC, C\acute{r}^{P\ddot{Y}P^{\#}} C\dot{H}P^{\circ}P\cdot PsP_j C-P\cdot C-P\parallel P_{\mu}C\dot{H} P\cdot$
 $PIP\acute{e}C\acute{I}PsPeP\acute{e}P_j P^{\circ}P\pm Ps PSP\acute{e}P\cdot CHPeP\acute{e}P_j PIP_jC-C\acute{I}C, PsP_j P\parallel P\acute{e}C\dot{H}C-PI P\cdot C\acute{r}P_jPsPIP\rangle C\dot{H}C''$
 $P\cdot P\pm C-P\rangle CHC\acute{e}P_{\mu}PSPSC\dot{I} PN\acute{e}PsPiPs AUC C, P^{\circ} C_{max} P\ddot{I}C\dot{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PI 2 C\dot{H}P^{\circ}P\cdot P\acute{e}. P\ddot{Y}PsP_jC\acute{r}$
 $P'PsC, C\dot{H}C-C''PSC, ^{P\ddot{Y}P^{\#}} P\ddot{I}PsPIP\acute{e}PSP_{\mu}PS P\ddot{I}C\dot{H}P\acute{e}P\cdot PSP^{\circ}C\ddagger P^{\circ}C, P\acute{e}C\acute{I}C\dot{I} P\ddot{I}C\dot{H}P\acute{e}PSP^{\circ}PN\acute{e}P_jPSC- P\cdot P^{\circ} 1$
 $PiPsPrP\acute{e}PSC\acute{r} PrPs P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PsP_jC\acute{r} C-P\parallel C- P^{\circ}P\pm Ps C\ddagger P_{\mu}C\dot{H}P_{\mu}P\cdot 2 PiPsPrP\acute{e}PSP\acute{e} P\ddot{I}C-C\acute{I}P\rangle C\dot{I}$
 $PSCHPsPiPs (PrP\acute{e}PI. C\dot{H}PsP\cdot PrC-P\rangle B\langle P\ddot{Y}PiPsC\acute{I}C-P\pm P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} C, P^{\circ}$
 $PrPsP\cdot P\acute{e}B\rangle).$

$P-P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} PsPrPSC-C''C- P\ddot{I}PsPrC\dot{H}C-P\pm PSP_{\mu}PSPsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} 400 P_jPi P\cdot P\pm C-P\rangle CHC\acute{e}C\acute{r}PIP^{\circ}P\rangle Ps AUC_{(0-72)} PSP^{\circ} 46 \% C, P^{\circ} C_{max}$
 $P\ddot{I}C\dot{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PI 2 C\dot{H}P^{\circ}P\cdot P\acute{e} C- P\cdot P_jP_{\mu}PSC\acute{e}C\acute{r}PIP^{\circ}P\rangle Ps t_{max} P\ddot{I}C\dot{H}P\acute{e}P\pm P\rangle P\acute{e}P\cdot PSPs PSP^{\circ} 2$
 $PiPsPrP\acute{e}PSP\acute{e} P\ddot{I}PsC\dot{H}C-PIPSC\dot{I}PSPs P\cdot P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PsP_jPsP_j C\ddagger C-P\rangle PsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r}. P\dot{I}C- PrP^{\circ}PSC- C\acute{I}PIC-PrC\ddagger P^{\circ}C, CH P\ddot{I}C\dot{H}Ps C, P_{\mu}, C\%_{\circ}Ps$
 $P\pm C-PsPrPsC\acute{I}C, C\acute{r}P\ddot{I}PSC-C\acute{I}C, CH P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} C, P^{\circ} C\dot{H}C-PIP_{\mu}PSC\dot{H} PN\acute{e}PsPiPs$
 $P^{\circ}P\pm C\acute{I}PsC\dot{H}P\pm C\ddagger C-C- P\ddot{I}C\dot{H}P\acute{e} P\ddot{I}P_{\mu}C\dot{H}PsC\dot{H}P^{\circ}P\rangle CHPSPsP_jC\acute{r} P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PsP_jC-$
 $P\cdot C\dot{H}PsC\acute{I}C, P^{\circ}C\dot{H}C, CH P\ddot{I}C-C\acute{I}P\rangle C\dot{I} P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}PsPrC\dot{H}C-P\pm PSP_{\mu}PSPsC-$
 $C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e} P\ddot{I}PsC\dot{H}C-PIPSC\dot{I}PSPs P\cdot P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PsP_jPsP_j C\ddagger C-P\rangle PsC- C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e}$
 $P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r}. P_j P\cdot P\ddot{I}P^{\#} C\dot{I}P\cdot PeC\acute{r} P\cdot C\ddagger P\acute{e}P_j, P\pm P_{\mu}C\dot{H}C\acute{r}C\ddagger P\acute{e} PrPs C\acute{r}PIP^{\circ}PiP\acute{e} C, P^{\circ}PeP_{\mu}$
 $P_jPsP\parallel P\rangle P\acute{e}PIP_{\mu} P\cdot P\pm C-P\rangle CHC\acute{e}P_{\mu}PSPSC\dot{I} PIC\acute{I}P_jPsPeC, C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r},$
 $C, P^{\circ}P\pm P\rangle P_{\mu}C, PeP\acute{e} P'PsC, C\dot{H}C-C''PSC, C\acute{r}^{P\ddot{Y}P^{\#}} PSP_{\mu} P\ddot{I}PsC, C\dot{H}C-P\pm PSPs$
 $P\ddot{I}PsPrC\dot{H}C-P\pm PSC\dot{H}PIP^{\circ}C, P\acute{e} (PrP\acute{e}PI. C\dot{H}PsP\cdot PrC-P\rangle B\langle P\ddot{Y}PiPsC\acute{I}C-P\pm$
 $P\cdot P^{\circ}C\acute{I}C, PsC\acute{I}C\acute{r}PIP^{\circ}PSPSC\dot{I} C, P^{\circ} PrPsP\cdot P\acute{e}B\rangle).$

P PsP·PiPsPrC-P»

$P-P\ddot{I}P^{\#} C\dot{I}P\cdot C\acute{r}PIP^{\circ}PSPSC\dot{I} P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} P\cdot P\pm C-P\rangle PeP^{\circ}P_jP\acute{e} P\ddot{I}P\rangle P^{\circ}P\cdot P_jP\acute{e}$
 $PeC\dot{H}PsPIC- C\acute{r} P\rangle CHPrP\acute{e}PSP\acute{e} in vivo C\acute{I}C, P^{\circ}PSPsPIP\acute{e}P\rangle Ps P\ddot{I}PsPSP^{\circ}Pr 99 \%$
 $PSP_{\mu}P\cdot P^{\circ}P\rangle P_{\mu}P\parallel PSPs PIC-Pr PePsPSC\ddagger P_{\mu}PSC, C\dot{H}P^{\circ}C\ddagger C-C- P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r} PI PeC\dot{H}PsPIC-$
 $PI P_jP_{\mu}P\parallel P^{\circ}C... PrC-P^{\circ}P\ddot{I}P^{\circ}P\cdot PsPSC\acute{r} PePsPSC\ddagger P_{\mu}PSC, C\dot{H}P^{\circ}C\ddagger C-PN\acute{e} 10-100 P_jPePi/P_jP\rangle.$
 $P''PsC\acute{I}P\rangle C-PrP\parallel P_{\mu}PSPSC\dot{I} in vitro P\ddot{I}PsPeP^{\circ}P\cdot P^{\circ}P\rangle P\acute{e}, C\%_{\circ}Ps P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C''$
 $C\acute{I}C\acute{r}P\pm C\acute{I}C, C\dot{H}P^{\circ}C, PsP_j PrP\rangle C\dot{I} PiP\rangle C-PePsP\ddot{I}C\dot{H}PsC, P_{\mu}C-PSC\acute{r} P (P-gp) C, P^{\circ}$
 $P\pm C-P\rangle PeP^{\circ} C\dot{H}P_{\mu}P\cdot P\acute{e}C\acute{I}C, P_{\mu}PSC, PSPsC\acute{I}C, C- C\dot{H}P^{\circ}PeC\acute{r} P_jPsP\rangle PsC\ddagger PSPsC-$
 $P\cdot P^{\circ}P\rangle PsP\cdot P\acute{e} [Breast Cancer Resistance Protein, BCRP].$

P_hP_μC, P^oP_±PsP_»C-P·P_j

$P P_{\mu}P\cdot C\acute{r}P\rangle CHC, P^{\circ}C, P\acute{e} PrPsC\acute{I}P\rangle C-PrP\parallel P_{\mu}PSC\dot{H} in vitro P\ddot{I}C\dot{H}PsPrP_{\mu}P_jPsPSC\acute{I}C, C\dot{H}C\acute{r}PIP^{\circ}P\rangle P\acute{e},$
 $C\%_{\circ}Ps P_jP_{\mu}C, P^{\circ}P\pm PsP\rangle C-P\cdot P_j P\ddot{I}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm C\acute{r} PsP\ddot{I}PsC\acute{I}P_{\mu}C\dot{H}P_{\mu}PrPePsPIP^{\circ}PSP\acute{e}PN\acute{e}$
 $P\ddot{I}P_{\mu}C\dot{H}P_{\mu}PIP^{\circ}P\parallel PSPs CYP3A4 P\cdot P^{\circ} PSP_{\mu}P\cdot PSP^{\circ}C\ddagger PSPsC\dot{H} C\acute{r}C\ddagger P^{\circ}C\acute{I}C, CH CYP1A2 C, P^{\circ} CYP2C8.$

P·P»C-P_jC-PSP^oC†C-C_‡

$P_{\mu}P^{\circ}P\cdot PsP\ddot{I}P^{\circ}PSC-P\pm PIP\acute{e}PIP_sPrP\acute{e}C, CHC\acute{I}C\dot{I} P\cdot PsC\dot{H}PiP^{\circ}PSC-P\cdot P_jC\acute{r} P\ddot{I}PsPIC-P\rangle CHPSPs, P\cdot$
 $C\acute{I}P_{\mu}C\dot{H}P_{\mu}PrPSC-P_j P\ddot{I}P_{\mu}C\dot{H}C-PsPrPsP_j PSP^{\circ}P\ddot{I}C-PIPIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I} 30,9 PiPsPrP\acute{e}PSP\acute{e}$
 $P\ddot{I}C-C\acute{I}P\rangle C\dot{I} P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PsP_jC\acute{r} C\dot{H}P_{\mu}PePsP_jP_{\mu}PSPPrPsPIP^{\circ}PSPsC- PrPsP\cdot P\acute{e} 800 P_jPi.$
 $P\cdot P\rangle C-P_jC-PSP^{\circ}C\ddagger C-C\dot{I} P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r} PIC-PrP\pm C\acute{r}PIP^{\circ}C''C, CHC\acute{I}C\dot{I}$
 $P\ddot{I}P_{\mu}C\dot{H}P_{\mu}PIP^{\circ}P\parallel PSPs P\cdot PeP^{\circ}P\rangle PsP_j, P\ddot{I}C\dot{H}P\acute{e} C\ddagger CHPsP_jC\acute{r} PIP\acute{e}PIP_{\mu}PrP_{\mu}PSPSC\dot{I}$
 $P\ddot{I}C\dot{H}P_{\mu}P\ddot{I}P^{\circ}C\dot{H}P^{\circ}C, C\acute{r} PSP\acute{e}C\dot{H}PeP^{\circ}P_jP\acute{e} C\acute{I}C, P^{\circ}PSPsPIP\acute{e}C, CH < 4 \% PIC-Pr$
 $P\ddot{I}C\dot{H}P\acute{e}PN\acute{e}PSC\dot{I}C, PsC- PrPsP\cdot P\acute{e}.$

$P' \cdot C\bar{H}P_{\mu}P \cdot C\bar{r}P \gg CHC, P^{\circ}C, C - PsPrPSPsC\bar{r}P^{\circ}C\bar{r}PSPsPiPs \cdot P \cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{r}$
 $PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r}) \cdot P \cdot C\bar{r}P\bar{e}P \gg CHPSP\bar{e}Pj \text{ CYP3A4 } C, P^{\circ} P\text{-gp}$
 $C - PSPiC - P \pm C - C, PsC\bar{H}PsPj \text{ PePu}C, PsPePsPSP^{\circ}P \cdot PsP \gg PsPj \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r})$
 $PiC\bar{H}PsC, C\bar{r}PiPsPj \text{ 5 } PrPSC - PI \text{ } PiPsC\bar{r}PiC - P \gg CH \cdot P \cdot P \pm C - P \gg CHC\bar{e}C\bar{r}C\bar{H}C, CHC\bar{r}C\bar{r}C\bar{r}$
 $C\bar{r}P_{\mu}C\bar{H}P_{\mu}PrPSC - P \cdot PSP^{\circ}C\bar{r}P_{\mu}PSPSC\bar{r} \text{ AUC}_{(0-24)} C, P^{\circ} P\check{Y}_{\max} PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ PSP}^{\circ} 66 \% C, P^{\circ}$
 $45 \% B \text{ PIC} - PrPiPsPIC - PrPSPs \text{ } C\bar{r} \text{ } PiPsC\bar{H}C - PIPSC\bar{r}PSPSC - C - P \cdot P \cdot P^{\circ}C\bar{r}C, PsC\bar{r}C\bar{r}PIP^{\circ}PSPSC\bar{r}Pj$
 $PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ (400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r} \text{ } PiC\bar{H}PsC, C\bar{r}PiPsPj \text{ 7 } PrPSC - PI)$
 $PsPeC\bar{H}P_{\mu}PjPs. \text{ AUC } C, P^{\circ} P\check{Y}_{\max} PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \cdot P \cdot P \pm C - P \gg CHC\bar{e}C\bar{r}C\bar{H}C, CHC\bar{r}C\bar{r}C\bar{r}$
 $PjP_{\mu}PSC\bar{e}PsC\bar{H} \text{ } PjC - C\bar{H}PsC\bar{H} \text{ } PiC\bar{H}PsPiPsC\bar{H}C\bar{r}C - PN_{\bar{e}}PSPs \cdot P \cdot P \pm C - P \gg CHC\bar{e}P_{\mu}PSPSC\bar{H} \text{ } PrPsP \cdot P\bar{e} \text{ } C\bar{r}$
 $PjP_{\mu}P \text{ } P^{\circ}C... \text{ PIC} - Pr \text{ 50 } PjPi \text{ } PrPs \text{ 2000 } PjPi. \text{ } P\check{Y}PsPjC\bar{r} \text{ } PI \text{ } C\bar{H}P_{\mu}P \cdot C\bar{r}P \gg CHC, P^{\circ}C, C -$
 $P \cdot PjPuPSC\bar{e}PuPSPSC\bar{r} \text{ } PrPsP \cdot P\bar{e} \text{ } PiP^{\circ}P \cdot PsPiP^{\circ}PSC - P \pm C\bar{r} \text{ } PrPs \text{ 400 } PjPi \text{ 1 } C\bar{H}P^{\circ}P \cdot PSP^{\circ} PrPsP \pm C\bar{r} \text{ } C\bar{r}$

$P\ddot{t}PSP\ddot{r}C\ddot{r}P\ddot{e}C,PsC\ddot{h}P\ddot{e} CYP3A4, C,P^{\circ}P\ddot{e}C- C\ddot{I}P\ddot{e} C\ddot{h}P\ddot{e}C,,P^{\circ}PjP\ddot{i}C-C\ddot{t}P\ddot{e}PS, PjPsP\ddot{I}C\ddot{r}C,CH$
 $P\cdot PSP\ddot{e}P\ddot{I}C\ddot{r}PIP^{\circ}C,P\ddot{e} P\ddot{e}PsPSC\ddot{t}P\ddot{u}PSC,C\ddot{h}P^{\circ}C\ddot{t}C-C\ddot{h} P\ddot{i}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C\ddot{r} PI P\ddot{i}P^{\circ}P\cdot PjC-$
 $P\ddot{e}C\ddot{h}PsPIC- . PhPrPSPSc\ddot{t}P^{\circ}C\ddot{I}PSP\ddot{u} P\cdot P^{\circ}C\ddot{I}C,PsC\ddot{I}C\ddot{r}PIP^{\circ}PSPSC\ddot{I} P\ddot{i}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C\ddot{r} P\cdot$
 $P\ddot{i}PsC,C\ddot{r}P\ddot{I}PSP\ddot{e}PjP\ddot{e} C-PSPrC\ddot{r}P\ddot{e}C,PsC\ddot{h}P^{\circ}PjP\ddot{e} P-gp P^{\circ}P\pm Ps BCRP PjPsP\ddot{I}P\ddot{u} P\cdot PjC-PSP\ddot{e}C,P\ddot{e}$
 $P\ddot{u}P\ddot{e}C\ddot{I}P\ddot{i}PsP\cdot P\ddot{e}C\ddot{t}C-C\ddot{h} C,P^{\circ} C\ddot{h}PsP\cdot P\ddot{i}PsPrC-P\gg P\ddot{i}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C\ddot{r}, PIP\ddot{e}P\gg C\ddot{h}C\ddot{t}P^{\circ}C\ddot{h}C\ddot{t}P\ddot{e}$
 $C\ddot{h}PsP\cdot P\ddot{i}PsPrC-P\gg C\ddot{r} PIC-PrPrC-P\gg P^{\circ}C... C\ddot{t}P\ddot{u}PSC,C\ddot{h}P^{\circ}P\gg CH\ddot{h}PSPsC- PSP\ddot{u}C\ddot{h}PIP\ddot{s}PIP\ddot{s}C-$
 $C\ddot{I}P\ddot{e}C\ddot{I}C,P\ddot{u}PjP\ddot{e}. P P\ddot{u}P\ddot{e}PsPjP\ddot{u}PSP\ddot{r}PsPIP^{\circ}PSPs P\ddot{i}C-PrP\pm P\ddot{e}C\ddot{h}P^{\circ}C,P\ddot{e} PrP\gg C\ddot{I}$
 $C\ddot{I}C\ddot{r}P\ddot{i}C\ddot{r}C,PSCH\ddot{h}PsC- C,P\ddot{u}C\ddot{h}P^{\circ}P\ddot{i}C-C- P^{\circ}P\gg CH\ddot{h}C,P\ddot{u}C\ddot{h}PSP^{\circ}C,P\ddot{e}PIPSC-$
 $P\gg C-P\ddot{e}P^{\circ}C\ddot{h}C\ddot{I}CH\ddot{h}P\ddot{e}C- P\cdot P^{\circ}C\ddot{I}PsP\pm P\ddot{e} B\ddot{h}“ P\cdot PIC-PrC\ddot{I}C\ddot{r}C,PSCH\ddot{h}PsC\ddot{h} P^{\circ}P\pm Ps$
 $PjC-PSC-PjP^{\circ}P\gg CH\ddot{h}PSPsC\ddot{h} C-PSPrC\ddot{r}P\ddot{e}C\ddot{r}C\ddot{h}C\ddot{t}PsC\ddot{h} PrC-C“C\ddot{h} PSP^{\circ} C\ddot{t}P\ddot{u}PN\ddot{e} C,,P\ddot{u}C\ddot{h}PjP\ddot{u}PSC,,$

$P'P\ddot{i}P\gg P\ddot{e}PI P'PsC,C\ddot{h}C-C“PSC,C\ddot{e}^{PjP\ddot{h}} PSP^{\circ} C-PSC\epsilon C- P\gg C-P\ddot{e}P^{\circ}C\ddot{h}C\ddot{I}CH\ddot{h}P\ddot{e}C- P\cdot P^{\circ}C\ddot{I}PsP\pm P\ddot{e}$

$P“PsC\ddot{I}P\gg C-PrP\ddot{I}P\ddot{u}PSPSC\ddot{I} in vitro P\cdot P\ddot{i}P\ddot{u}C\ddot{t}C-PSPePsPIP\ddot{e}PjP\ddot{e} PjC-P\ddot{e}C\ddot{h}PsC\ddot{I}PsPjP^{\circ}PjP\ddot{e}$
 $P\gg C\ddot{h}PrP\ddot{e}PSP\ddot{e} P\ddot{i}PsP\ddot{e}P\cdot P^{\circ}P\gg P\ddot{e}, C\%Ps P\ddot{i}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C-PSPiC-P\pm C\ddot{r}C“ CYP-$
 $C,,P\ddot{u}C\ddot{h}PjP\ddot{u}PSC,P\ddot{e} 1A2, 3A4, 2B6, 2C8, 2C9, 2C19 C,P^{\circ} 2E1. P\ddot{u}C-Pr C\ddot{t}P^{\circ}C\ddot{I}$
 $PrPsC\ddot{I}P\gg C-PrP\ddot{I}P\ddot{u}PSPSC\ddot{I} in vitro P\cdot P\ddot{e}C-P\gg CH\ddot{h}P\ddot{e}C-C\ddot{I}PSP\ddot{e}Pj PIP\ddot{e}P\cdot PSP^{\circ}C\ddot{t}P\ddot{u}PSPSC\ddot{I}Pj$
 $P\ddot{i}C\ddot{h}P\ddot{u}P\ddot{i}PSP^{\circ}PS-P\ddot{I}-C\ddot{h}P\ddot{u}C\ddot{t}P\ddot{u}P\ddot{i}C,PsC\ddot{h}C\ddot{r} [Pregnane X Receptor, PXR] P\gg C\ddot{h}PrP\ddot{e}PSP\ddot{e} P\pm C\ddot{r}P\gg Ps$
 $P\ddot{i}C\ddot{h}PsPrP\ddot{u}PjPsPSC\ddot{I}C,C\ddot{h}PsPIP^{\circ}PSPs P\ddot{i}PsC,P\ddot{u}PSC\ddot{t}C-PN\ddot{e}PSC\ddot{r} C-PSPrC\ddot{r}P\ddot{e}C\ddot{r}C\ddot{h}C\ddot{t}C\ddot{r} PrC-C\ddot{h}$
 $P\ddot{i}C\ddot{h}P\ddot{u}P\ddot{i}P^{\circ}C\ddot{h}P^{\circ}C,C\ddot{r} PSP^{\circ} CYP3A4 P\gg C\ddot{h}PrP\ddot{e}PSP\ddot{e}. P\ddot{u}P\gg C-PSC-C\ddot{t}PSC-$
 $C,,P^{\circ}C\ddot{h}PjP^{\circ}P\ddot{e}PsP\gg PsPiC-C\ddot{t}PSC- PrPsC\ddot{I}P\gg C-PrP\ddot{I}P\ddot{u}PSPSC\ddot{I}, PI C\ddot{I}P\ddot{e}P\ddot{e}C...$
 $P'PsC,C\ddot{h}C-C“PSC,^{PjP\ddot{h}} P\ddot{i}C\ddot{h}P\ddot{e}P\cdot PSP^{\circ}C\ddot{t}P^{\circ}PIC\ddot{I}C\ddot{I} P\ddot{i}Ps 800 PjPi 1 C\ddot{h}P^{\circ}P\cdot PSP^{\circ} PrPsP\pm C\ddot{r},$
 $P\ddot{i}PsP\ddot{e}P\cdot P^{\circ}P\gg P\ddot{e}, C\%Ps P'PsC,C\ddot{h}C-C“PSC,^{PjP\ddot{h}} PSP\ddot{u} PjP^{\circ}C“ P\ddot{e}P\gg C-PSC-C\ddot{t}PSPs$
 $P\cdot PSP^{\circ}C\ddot{t}C\ddot{r}C\%PsPiPs PIP\ddot{i}P\gg P\ddot{e}PIC\ddot{r} PSP^{\circ} C,,P^{\circ}C\ddot{h}PjP^{\circ}P\ddot{e}PsP\ddot{e}C-PSPrC\ddot{r} P\ddot{e}P\ddot{e}C\ddot{r} P\ddot{e}PsC,,P\ddot{u}C-PSC\ddot{r}$
 $(PjP^{\circ}C\ddot{h}P\ddot{e}P\ddot{u}C\ddot{h}PSP\ddot{e}PN\ddot{e} C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP1A2), PIP^{\circ}C\ddot{h}C,,P^{\circ}C\ddot{h}P\ddot{e}PSC\ddot{r}$
 $(PjP^{\circ}C\ddot{h}P\ddot{e}P\ddot{u}C\ddot{h}PSP\ddot{e}PN\ddot{e} C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP2C9) P^{\circ}P\pm Ps PsPjP\ddot{u}P\ddot{i}C\ddot{h}P^{\circ}P\cdot PsP\gg C\ddot{r}$
 $(PjP^{\circ}C\ddot{h}P\ddot{e}P\ddot{u}C\ddot{h}PSP\ddot{e}PN\ddot{e} C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP2C19) PI PsPSP\ddot{e}PsP\gg PsPiC-C\ddot{t}PSP\ddot{e}C...$
 $P\ddot{i}P^{\circ}C\ddot{t}C-C“PSC,C-PI. P'PsC,C\ddot{h}C-C“PSC,^{PjP\ddot{h}} P\cdot C\ddot{r}PjPsPIP\gg C\ddot{h}C“ P\cdot P\pm C-P\gg CH\ddot{h}C\epsilon P\ddot{u}PSPSC\ddot{I}$
 $C\ddot{I}P\ddot{u}C\ddot{h}P\ddot{u}PrPSCH\ddot{h}PsC- AUC C,P^{\circ} C_{max} PjC-PrP^{\circ}P\cdot PsP\gg P^{\circ}PjC\ddot{r} (PjP^{\circ}C\ddot{h}P\ddot{e}P\ddot{u}C\ddot{h}PSP\ddot{e}PN\ddot{e}$
 $C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP3A4) P\ddot{i}C\ddot{h}P\ddot{e}P\pm P\gg P\ddot{e}P\cdot PSPs PSP^{\circ} 30 \%, P^{\circ} C,P^{\circ}P\ddot{e}PsP\ddot{I}$
 $P\ddot{i}C-PrPIP\ddot{e}C\%P\ddot{u}PSPSC\ddot{I} PSP^{\circ} 33-64 \% C\ddot{I}P\ddot{i}C-PIPIC-PrPSPsC\epsilon P\ddot{u}PSPSC\ddot{I}$
 $P\ddot{e}PsPSC\ddot{t}P\ddot{u}PSC,C\ddot{h}P^{\circ}C\ddot{t}C-C- PrP\ddot{u}P\ddot{e}C\ddot{I}C,C\ddot{h}PsPjP\ddot{u}C,PsC\ddot{h}C,,P^{\circ}PSC\ddot{r} PrPs$
 $P\ddot{e}PsPSC\ddot{t}P\ddot{u}PSC,C\ddot{h}P^{\circ}C\ddot{t}C-C- PN\ddot{e}PsPiPs P^{\circ}P\ddot{e}C,P\ddot{e}PIPSPsPiPs PjP\ddot{u}C,P^{\circ}P\pm PsP\gg C-C,C\ddot{r}$
 $PrP\ddot{u}P\ddot{e}C\ddot{I}C,C\ddot{h}PsC\ddot{h}C,,P^{\circ}PSC\ddot{r} C\ddot{r} C\ddot{I}P\ddot{u}C\ddot{t}C- P\ddot{i}C-C\ddot{I}P\gg C\ddot{I} P\ddot{i}P\ddot{u}C\ddot{h}PsC\ddot{h}P^{\circ}P\gg CH\ddot{h}PSPsPiPs$
 $P\ddot{i}C\ddot{h}P\ddot{e}PN\ddot{e}PsPjC\ddot{r} PrP\ddot{u}P\ddot{e}C\ddot{I}C,C\ddot{h}PsPjP\ddot{u}C,PsC\ddot{h}C,,P^{\circ}PSC\ddot{r} (PjP^{\circ}C\ddot{h}P\ddot{e}P\ddot{u}C\ddot{h}PSP\ddot{e}PN\ddot{e}$
 $C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP2D6). P\ddot{u}PsPjP\pm C-PSPsPIP^{\circ}PSP\ddot{u} P\cdot P^{\circ}C\ddot{I}C,PsC\ddot{I}C\ddot{r}PIP^{\circ}PSPSC\ddot{I}$
 $P'PsC,C\ddot{h}C-C“PSC,C\ddot{r}^{PjP\ddot{h}} P\ddot{i}Ps 800 PjPi 1 C\ddot{h}P^{\circ}P\cdot PSP^{\circ} PrPsP\pm C\ddot{r} C,P^{\circ} P\ddot{i}P\ddot{e}P\gg C-C,P^{\circ}P\ddot{e}C\ddot{I}P\ddot{u}P\gg C\ddot{r}$
 $(C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C, CYP3A4 C,P^{\circ} CYP2C8) 80 PjPi/Pj^2 1 C\ddot{h}P^{\circ}P\cdot PSP^{\circ} C,P\ddot{e}P\ddot{I}PrP\ddot{u}PSCH$
 $P\ddot{i}C\ddot{h}P\ddot{e}P\cdot PIPsPrP\ddot{e}C,CH PrPs P\ddot{i}C-PrPIP\ddot{e}C\%P\ddot{u}PSPSC\ddot{I} AUC C,P^{\circ} C_{max}$
 $P\ddot{i}P^{\circ}P\ddot{e}P\gg C-C,P^{\circ}P\ddot{e}C\ddot{I}P\ddot{u}P\gg C\ddot{r} PI C\ddot{I}P\ddot{u}C\ddot{h}P\ddot{u}PrPSCH\ddot{h}PsPjC\ddot{r} PSP^{\circ} 26 \% C,P^{\circ} 31 \%$
 $PIC-PrP\ddot{i}PsPIC-PrPSPs.$

$P\ddot{u}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C\ddot{I}P\gg C-Pr P\cdot PsP\pm P\ddot{u}C\ddot{h}P\ddot{u}P\ddot{I}PSC-C\ddot{I}C,C\ddot{h} P\cdot P^{\circ}C\ddot{I}C,PsC\ddot{I}PsPIC\ddot{r}PIP^{\circ}C,P\ddot{e}$
 $PsPrPSPSc\ddot{t}P^{\circ}C\ddot{I}PSPs P\cdot C-PSC\epsilon P\ddot{e}PjP\ddot{e} P\ddot{i}P\ddot{u}C\ddot{h}PsC\ddot{h}P^{\circ}P\gg CH\ddot{h}PSP\ddot{e}PjP\ddot{e} C\ddot{I}C\ddot{r}P\pm C\ddot{I}C,C\ddot{h}P^{\circ}C,P^{\circ}PjP\ddot{e}$
 $BCRP C,P^{\circ} P-gp, PIC\ddot{h}P^{\circ}C...PsPIC\ddot{r}C\ddot{h}C\ddot{t}P\ddot{e} PN\ddot{e}PsPiPs C-PSPiC-P\pm C-C,PsC\ddot{h}PSP\ddot{e}PN\ddot{e} PIP\ddot{i}P\gg P\ddot{e}PI$
 $PSP^{\circ} C\ddot{t}C- P\pm C-P\gg P\ddot{e}P\ddot{e}.$

$P“PsC\ddot{I}P\gg C-PrP\ddot{I}P\ddot{u}PSPSC\ddot{I} in vitro C,P^{\circ}P\ddot{e}PsP\ddot{I} P\ddot{i}C\ddot{h}PsPrP\ddot{u}PjPsPSC\ddot{I}C,C\ddot{h}C\ddot{r}PIP^{\circ}P\gg P\ddot{e}, C\%Ps$
 $P\ddot{i}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm C“ P\ddot{i}PsC,P\ddot{u}PSC\ddot{t}C-PN\ddot{e}PSP\ddot{e}Pj C-PSPiC-P\pm C-C,PsC\ddot{h}PsPj$
 $C,C\ddot{h}P^{\circ}PSC\ddot{I}P\ddot{i}PsC\ddot{h}C,PSP\ddot{e}C... P\pm C-P\gg P\ddot{e}C-PI UGT1A1 C,P^{\circ} OATP1B1. P\ddot{u}P^{\circ}P\cdot PsP\ddot{i}P^{\circ}PSC-P\pm$
 $PjPsP\ddot{I}P\ddot{u} P\cdot P\pm C-P\gg CH\ddot{h}C\epsilon C\ddot{r}PIP^{\circ}C,P\ddot{e} P\ddot{e}PsPSC\ddot{t}P\ddot{u}PSC,C\ddot{h}P^{\circ}C\ddot{t}C-C\ddot{h} P\gg C-P\ddot{e}P^{\circ}C\ddot{h}C\ddot{I}CH\ddot{h}P\ddot{e}P\ddot{e}C...$

P·P°CÍPSP±C-PI, CÍPeC- PμP»C-PjC-PSCrCĤC,CHCÍCÍ PíPμCĤPμPIP°P¶PSPs P·P°PIPrCÍPePë UGT1A1 C,P° OATP1B1.

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PS,C,Č^{PŸPĥ} C,P° CÍPëPjPIP°CÍC,P°C,PëPSCí

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PS,C,Č^{PŸPĥ} C,P° CÍPëPjPIP°CÍC,P°C,PëPSCr P·P±C-P»CHC€CÍC" C±P°CÍC,PsC,CÍ PíC-PrPIPëC%PμPSPSCÍ CĤC-PIPSCÍ PĥP·PŸ. PμC-Pr C±P°CÍ PëP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PμPSCĤ PjPsPSPsC,PμCĤP°PíC-C— P'PsC,CĤC-C"PS,C,PsPj^{PŸPĥ} P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ PĥP·PŸ CÍ 3 CĤP°P·Pë PIPëC%Pμ P'PĥPĤ CÍPíPsCÍC,PμCĤC-PíP°P»PsCÍCĤ CÍ 126 C-P· 895 PíP°C†C-C"PS,C-PI (14 %), CÍPeC- PSPμ PíCĤPëPNëPjP°P»Pë CÍC,P°C,PëPSPë, PíPsCĤC-PIPSCÍPSPs P· 11 C-P· 41 PíP°C†C-C"PS,C,P° (27 %), CÍPeC- CÍCíPíCíC,PSCHPs PíCĤPëPNëPjP°P»Pë CÍPëPjPIP°CÍC,P°C,PëPS. PíPeC%Ps CÍ C...PIPSCĤPsPiPs, CÍPePëPNë CÍPe CÍCíPíCíC,PS-C-PNë PíCĤPμPíP°CĤP°C, PíCĤPëPNëPjP°C" CÍPëPjPIP°CÍC,P°C,PëPS, PIPëPSPëPePSPμ P·P±C-P»CHC€PμPSPSCÍ CĤC-PIPSCÍ PĥP·PŸ, CÍP»C-Pr PëPμCĤCíPIP°C,PëCÍCÍ CĤPμPePsPjPμPSPrP°C†C-CÍPjPë P· PrPsP·CíPIP°PSPSCÍ P'PsC,CĤC-C"PS,C,Č^{PŸPĥ} C,P° PíCĤPëPíPëPSPëC,Pë P·P°CÍC,PsCÍCíPIP°PSPSCÍ CÍPëPjPIP°CÍC,P°C,PëPSCr (PrPëPI. CĤPsP·PrC-P» B«PĥCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCíPIP°PSPSCÍB»). PŸP»C-Pr P· PsP±PμCĤPμP¶PSC-CÍC,CĤ P·P°CÍC,PsCÍPsPICíPIP°C,Pë P'PsC,CĤC-C"PS,C,^{PŸPĥ} P· C-PSC€PëPjPë CÍC,P°C,PëPSP°PjPë, PsCÍPeC-P»CHPePë PrP°PSPëC... CÍC,PsCÍPsPIPSPs PsC†C-PSPePë CĤPëP·PëPeCí PrP»CÍ C,P°PePëC... PePsPjP±C-PSP°C†C-PNë PSPμPrPsCÍC,P°C,PSCHPs.

P'PíP»PëPI C—P¶C- PSP° P'PsC,CĤC-C"PS,C,^{PŸPĥ}

P—P°CÍC,PsCÍCíPIP°PSPSCÍ P'PsC,CĤC-C"PS,C,Č^{PŸPĥ} CĤP°P·PsPj C-P· C—P¶PμCĤ P· PIPëCÍPsPePëPj P°P±Ps PSPëP·CHPePëPj PIPjC-CÍC,PsPj P¶PëCĤC-PI P·CíPjPsPIP»CĤC" P·P±C-P»CHC€PμPSPSCÍ PNëPsPiPs AUC C,P° C_{max} PíCĤPëP±P»PëP·PSPs PI 2 CĤP°P·Pë. PŞPμCĤPμP· C†Pμ P'PsC,CĤC-C"PS,C,^{PŸPĥ} PíPsPIPëPSPμPS PíCĤPëP·PSP°C±P°C,PëCÍCÍ PíCĤPëPSP°PNëPjPSC- P·P° 1 PíPsPrPëPSCr PrPs PíCĤPëPNëPsPjCí C—P¶C- P°P±Ps C±PμCĤPμP· 2 PíPsPrPëPSPë PíC-CÍP»CÍ PSCHPsPiPs (PrPëPI. CĤPsP·PrC-P» B«PŸPíPsCÍC-P± P·P°CÍC,PsCÍCíPIP°PSPSCÍ C,P° PrPsP·PëB»).

P>C-PeP°CĤCÍCHPeC- P·P°CÍPsP±Pë, C%Ps PIPíP»PëPIP°CĤC,CH PSP° CĤPĤ C€P»CíPSPeP°

PŸCíPjC-CÍPSPμ P·P°CÍC,PsCÍCíPIP°PSPSCÍ PíP°P·PsPíP°PSC-P±Cí P· PμP·PsPjPμPíCĤP°P·PsP»PsPj P·PjPμPSC€CÍC" P±C-PsPrPsCÍC,CíPíPSC-CÍC,CH PíP°P·PsPíP°PSC-P±Cí PíCĤPëP±P»PëP·PSPs PSP° 40 % (AUC C,P° C_{max}), C,PsPjCí CÍP»C-Pr CíPSPëPeP°C,Pë P·P°CÍC,PsCÍCíPIP°PSPSCÍ PíP°P·PsPíP°PSC-P±Cí CĤP°P·PsPj P· P»C-PeP°CĤCÍCHPePëPjPë P·P°CÍPsP±P°PjPë, C%Ps PíC-PrPIPëC%CíCĤC,CH CĤPĤ C€P»CíPSPeP°. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- CÍCíPjC-CÍPSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ P· C-PSPiC-P±C-C,PsCĤPsPj PíCĤPsC,PsPSPSPsPiPs PSP°CÍPsCÍP° CĤPμPePsPjPμPSPrCíC"C,CHCÍCÍ PrPsP·Cí PíP°P·PsPíP°PSC-P±Cí PíCĤPëPNëPjP°C,Pë 1 CĤP°P· PSP° PrPμPSCĤ P±PμP· C—P¶C- PIPiPμC±PμCĤC- CĤP°P·PsPj P· C-PSPiC-P±C-C,PsCĤPsPj PíCĤPsC,PsPSPSPsPiPs PSP°CÍPsCÍP°. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- CÍCíPjC-CÍPSPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCÍ P· P°PSC,P°PíPsPSC-CÍC,PsPj PĤ₂-CĤPμC†PμPíC,PsCĤP° CĤPμPePsPjPμPSPrCíC"C,CHCÍCÍ PrPsP·Cí PíP°P·PsPíP°PSC-P±Cí PíCĤPëPNëPjP°C,Pë P±PμP· C—P¶C- C...PsC±P° P± P·P° 2 PíPsPrPëPSPë PrPs P°P±Ps C±PμCĤPμP· 10 PíPsPrPëPS PíC-CÍP»CÍ PíCĤPëPNëPsPjCí P°PSC,P°PíPsPSC-CÍC,P° PĤ₂-CĤPμC†PμPíC,PsCĤP°. PμP°P·PsPíP°PSC-P± CÍP»C-Pr PíCĤPëPNëPjP°C,Pë C...PsC±P° P± P·P° 1 PíPsPrPëPSCr PrPs

$P^{\circ}P \pm Ps \ C \mp \mu C \bar{H} P \mu P \cdot 2 \ PiPsPrP \ddot{e}PSP \ddot{e} \ PiC - C \acute{I}P \gg C \bar{I} \Pi \ PiC \bar{H} P \ddot{e}PN_{\circ}PsPjC \acute{r}$
 $PePsC \bar{H}PsC, PePsPrC - C \bar{H}C \mp P \ddot{e}C \dots P^{\circ}PSC, P^{\circ}C \dagger P \ddot{e}PrC - PI.$

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

$P'PiP \gg P \ddot{e}PI \ PSP^{\circ} \ PiP \mu C \mp C - PSPeC \acute{z}.$

$P \mu PsPIC - PrPsPjP \gg C \bar{I} \Pi P \gg PsC \acute{I}C \bar{I} \Pi \ PiC \bar{H}Ps \ PIP \ddot{e}PiP^{\circ}PrPeP \ddot{e} \ C \bar{H}PsP \cdot PIP \ddot{e}C, PeC \acute{r}$
 $PiP \mu C \mp C - PSPePsPIPSC - PSP \mu PrPsC \acute{I}C, P^{\circ}C, PSPsC \acute{I}C, C - (PI \ C, PsPjC \acute{r} \ C \mp P \ddot{e}C \acute{I}P \gg C -$
 $P \gg P \mu C, P^{\circ}P \gg CHPsC -) \ PSP^{\circ} \ C, P \gg C - P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \bar{I} \ P'PsC, C \bar{H}C - C''PSC, C \acute{r}^{P \ddot{y}P \bar{h}}. \ Pj$
 $PeP \gg C - PSC - C \mp PSP \ddot{e}C \dots PrPsC \acute{I}P \gg C - PrP \bar{I}P \mu PSPSC \bar{I}C \dots P \cdot P'PsC, C \bar{H}C - C''PSC, PsPj^{P \ddot{y}P \bar{h}} \ PSP^{\circ} \ C, P \gg C -$
 $PN_{\circ}PsPiPs \ PiC \bar{H}P \ddot{e}PN_{\circ}PsPjC \acute{r} \ C \acute{I}PiPsC \acute{I}C, P \mu C \bar{H}C - PiP^{\circ}P \gg PsC \acute{I}C \bar{I} \Pi \ PiC - PrPIP \ddot{e}C \% P \mu PSPSC \bar{I}$
 $C \acute{I}P \ddot{e}C \bar{H}PsPIP^{\circ}C, PePsPIP \ddot{e}C \dots C \bar{H}C - PIPSC - PI \ C, C \bar{H}P^{\circ}PSC \acute{I}P^{\circ}PjC - PSP^{\circ}P \cdot (P \bar{h}P \gg P \ddot{y},$
 $P^{\circ}C \acute{I}PiP^{\circ}C \bar{H}C, P^{\circ}C, P^{\circ}PjC - PSPsC, C \bar{H}P^{\circ}PSC \acute{I}C, P \mu C \bar{H}P^{\circ}P \cdot P \ddot{e} [P \bar{h}P \ddot{y}P \ddot{y}]) \ C, P^{\circ}$
 $P \pm C - P \gg C - C \bar{H}C \acute{r}P \pm C - PSC \acute{r} (PrP \ddot{e}PI. \ C \bar{H}PsP \cdot PrC - P \gg B \langle P \mu PsP \pm C - C \mp PSC - C \bar{H}P \mu P^{\circ}PeC \dagger C - C - B \rangle). \ Pj$
 $P \pm C - P \gg CHC \epsilon PsC \acute{I}C, C - PIP \ddot{e}PiP^{\circ}PrPeC - PI \ PiPsPIC - PrPsPjP \gg C \bar{I} \Pi P \gg PsC \acute{I}C \bar{I} \Pi \ PiC \bar{H}Ps$
 $C - P \cdot PsP \gg CHPsPIP^{\circ}PSP \mu \ P \cdot P \pm C - P \gg CHC \epsilon P \mu PSPSC \bar{I} \ C \bar{H}C - PIPSC - PI \ P \bar{h}P \gg P \ddot{y} \ C, P^{\circ} \ P \bar{h}P \ddot{y}P \ddot{y} \ P \pm P \mu P \cdot$
 $C \acute{I}C \acute{r}PiC \acute{r}C, PSCHPsPiPs \ PiC - PrPIP \ddot{e}C \% P \mu PSPSC \bar{I} \ C \bar{H}C - PIPSC - PI \ P \gg C \acute{r}P \bar{I}PSPsC -$
 $C, PsC \acute{I}C, P^{\circ}C, P^{\circ}P \cdot P \ddot{e} \ P^{\circ}P \pm Ps \ P \pm C - P \gg C - C \bar{H}C \acute{r}P \pm C - PSC \acute{r}. \ Pj \ PiP^{\circ}C \dagger C - C''PSC, C - PI \ PIC - PePsPj$
 $PiPsPSP^{\circ}Pr \ 60 \ C \bar{H}PsPeC - PI \ P \pm C - P \gg CHC \epsilon P \ddot{e}PN_{\circ} \ C \bar{H}P \ddot{e}P \cdot P \ddot{e}Pe \ PiPsPjC - C \bar{H}PSPsPiPs (P \bar{h}P \gg P \ddot{y} > 3$
 $P'P \bar{h}P \acute{K}) \ P^{\circ}P \pm Ps \ P \cdot PSP^{\circ}C \mp PSPsPiPs (P \bar{h}P \gg P \ddot{y} > 8 \ P'P \bar{h}P \acute{K}) \ PiC - PrPIP \ddot{e}C \% P \mu PSPSC \bar{I} \ P \bar{h}P \gg P \ddot{y}.$
 $P \mu P^{\circ}C \dagger C - C''PSC, P \ddot{e}, C \% Ps \ C'' \ PSPsC \acute{I}C - C \bar{I} \Pi PjP \ddot{e} \ HLA-B*57:01 \ P^{\circ}P \gg P \mu P \gg C \bar{I} \Pi, \ C, P^{\circ}PePsP \bar{I}$
 $PjP^{\circ}C \bar{H}C, CH \ P \pm C - P \gg CHC \epsilon P \ddot{e}PN_{\circ} \ C \bar{H}P \ddot{e}P \cdot P \ddot{e}Pe \ PiC - PrPIP \ddot{e}C \% P \mu PSCH \ C \bar{H}C - PIPSC \bar{I} \ P \bar{h}P \gg P \ddot{y},$
 $PiPsPi \bar{b} \bar{H}^{\text{TM}} \ C \bar{I} \Pi P \cdot P^{\circ}PSPsPiPs \ C - P \cdot P \cdot P^{\circ}C \acute{I}C, PsC \acute{I}C \acute{r}PIP^{\circ}PSPSC \bar{I}Pj \ P'PsC, C \bar{H}C - C''PSC, C \acute{r}^{P \ddot{y}P \bar{h}}.$
 $P \ddot{y}P \gg C - Pr \ PePsPSC, C \bar{H}PsP \gg C \bar{H}PIP^{\circ}C, P \ddot{e} \ C, C \acute{r}PSPeC \dagger C - C \bar{H} \ PiP \mu C \mp C - PSPeP \ddot{e} \ C \acute{r} \ PIC \acute{I}C - C \dots$
 $PiP^{\circ}C \dagger C - C''PSC, C - PI, C \% Ps \ PsC, C \bar{H}P \ddot{e}PjC \acute{r}C \bar{H}C, CH \ P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I}$
 $P'PsC, C \bar{H}C - C''PSC, PsPj^{P \ddot{y}P \bar{h}} \ PSP \mu P \cdot P^{\circ}P \gg P \mu P \bar{I}PSPs \ PIC - Pr \ C - C \dots PiP \mu PSPsC, P \ddot{e}PiC \acute{r} \ P^{\circ}P \pm Ps$
 $PIC - PeC \acute{r}.$

$P \acute{K}P \mu PsP \pm C \dots C - PrPSPs \ PIP \ddot{e}P \cdot PSP^{\circ}C \mp P^{\circ}C, P \ddot{e} \ C \acute{I}P \ddot{e}C \bar{H}PsPIP^{\circ}C, PePsPIP \ddot{e}PN_{\circ} \ PIPjC - C \acute{I}C,$
 $PiP \mu C \mp C - PSPePsPIP \ddot{e}C \dots C, P \mu C \bar{H}PjP \mu PSC, C - PI \ PiP \mu C \bar{H}P \mu Pr \ PiPsC \mp P^{\circ}C, PePsPj$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I} \ P'PsC, C \bar{H}C - C''PSC, PsPj^{P \ddot{y}P \bar{h}} \ C, P^{\circ} \ PSP^{\circ} \ 3, 5, 7 \ C, P^{\circ} \ 9 \ C, P \ddot{e}P \bar{I}PSC -$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I} \ PiC \bar{H}P \mu PiP^{\circ}C \bar{H}P^{\circ}C, PsPj. \ P \mu PsC, C - Pj \ PePsPSC, C \bar{H}PsP \gg CH \ C \acute{I}P \gg C - Pr$
 $PiC \bar{H}PsPiPsPrP \ddot{e}C, P \ddot{e} \ PSP^{\circ}$
 $3 - PsPjC \acute{r} \ C, P^{\circ} \ 4 - PsPjC \acute{r} \ PjC - C \acute{I}C \bar{I}C \dagger C - P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I} \ C - PrPsPrP^{\circ}C, PePsPiPs \ P \cdot P^{\circ}$
 $PeP \gg C - PSC - C \mp PSP \ddot{e}PjP \ddot{e} \ PiPsPeP^{\circ}P \cdot P^{\circ}PSPSC \bar{I}PjP \ddot{e}. \ P \mu C - C \acute{I}P \gg C \bar{I} \Pi \ 4 \ PjC - C \acute{I}C \bar{I}C \dagger C \bar{I} \Pi$
 $C, P \mu C \bar{H}P^{\circ}PiC - C - B \ C \acute{I}P \gg C - Pr \ PiC \bar{H}PsPrPsPIP \bar{I}C \acute{r}PIP^{\circ}C, P \ddot{e} \ PiP \mu C \bar{H}C - PsPrP \ddot{e}C \mp PSP \ddot{e}PN_{\circ}$
 $PePsPSC, C \bar{H}PsP \gg CH \ C \bar{H}C - PIPSC \bar{I} \ PiP \mu C \mp C - PSPePsPIP \ddot{e}C \dots C, P \mu C \bar{H}PjP \mu PSC, C - PI,$
 $PIC \bar{H}P^{\circ}C \dots PsPIC \acute{r}C \bar{H}C \mp C - PeP \gg C - PSC - C \mp PSC - PiPsPeP^{\circ}P \cdot P^{\circ}PSPSC \bar{I}.$

$P''P \gg C \bar{I} \Pi \ PiP^{\circ}C \dagger C - C''PSC, C - PI \ P \cdot PIP \ddot{e}C \dots C - PrPSP \ddot{e}PjP \ddot{e} (PrPs \ PiPsC \mp P^{\circ}C, PeC \acute{r}$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I} \ PiC \bar{H}P \mu PiP^{\circ}C \bar{H}P^{\circ}C, PsPj) \ C \bar{H}C - PIPSC \bar{I}PjP \ddot{e} \ P \cdot P^{\circ}PiP^{\circ}P \gg CHPsPsPiPs$
 $P \pm C - P \gg C - C \bar{H}C \acute{r}P \pm C - PSC \acute{r}$
 $\leq 1,5 \ P'P \bar{h}P \acute{K} \ C, P^{\circ} \ P \bar{h}P \ddot{y}P \ddot{y} \ C - P \bar{h}P \gg P \ddot{y} \leq B \ 2 \ P'P \bar{h}P \acute{K} \ C \acute{I}P \gg C - Pr \ PrPsC, C \bar{H}P \ddot{e}PjC \acute{r}PIP^{\circ}C, P \ddot{e}C \acute{I}C \bar{I} \Pi$
 $C, P^{\circ}PeP \ddot{e}C \dots C \bar{H}P \mu PePsPjP \mu PSPrP^{\circ}C \dagger C - PN_{\circ}.$

$P \mu P^{\circ}C \dagger C - C''PSC, P \ddot{e} \ P \cdot C - P \cdot PsP \gg CHPsPIP^{\circ}PSP \ddot{e}Pj \ PiC - PrPIP \ddot{e}C \% P \mu PSPSC \bar{I}Pj \ C \bar{H}C - PIPSC \bar{I} \ P \bar{h}P \gg P \ddot{y}$
 $PI \ PrC - P^{\circ}PiP^{\circ}P \cdot PsPSC - PjC - P \bar{I} \ 3 \ P'P \bar{h}P \acute{K} \ C, P^{\circ} \ 8 \ P'P \bar{h}P \acute{K} \ PjPsP \bar{I}C \acute{r}C, CH \ PiC \bar{H}PsPrPsPIP \bar{I}C \acute{r}PIP^{\circ}C, P \ddot{e}$
 $P \gg C - PeC \acute{r}PIP^{\circ}PSPSC \bar{I} \ P'PsC, C \bar{H}C - C''PSC, PsPj^{P \ddot{y}P \bar{h}} \ P \cdot P^{\circ} \ C \acute{r}PjPsPI \ C \% PsC, P \ddot{e}P \bar{I}PSP \mu PiPsPiPs$
 $PePsPSC, C \bar{H}PsP \gg CH \ C \acute{I}C, P^{\circ}PSC \acute{r} \ PiP \mu C \mp C - PSPePsPiPsC - C, C \acute{r}PSPeC \dagger C - C -, PiPsPeP \ddot{e}$

СҗС-РІРµРSCНБ РһР>Рӱ РSPµ Р·РSPёР·РёС,СНСГґСІ РrPs 1 СГґС,СрРіРµРSCІ Р°Р±Ps РSPµ РіРsРІРµРСҗРSPµС,СНСГґСІ РrPs РІРёС...С-РrРSPsРіРs СҗС-РІРSCІ.

РµР°СґС-С"РSC,Рё Р· РһР>Рӱ > 8 Р'РһРќ РјР°СҗС,СНБ РіСҗРёРіРёРёРSPёС,Рё РіСҗРёРёР№РsРј Р'РsС,СҗС-С"РSC,Ср^{РӱРһ}, РіРsРёРё СҗС-РІРµРSCНБ СґСНБsРіРs РіРsРёР°Р·Р·РSPёРё° РSPµ Р·РSPёР·РёС,СНСГґСІ РrPs 1 СГґС,СрРіРµРSCІ Р°Р±Ps РSPµ РіРsРІРµРСҗРSPµС,СНСГґСІ РrPs РІРёС...С-РrРSPsРіРs СҗС-РІРSCІ. РіРёС%Рs РіРsС,РµРSCґС-Р№РSC- РіРµСҗРµРІР°РіРё РіРsРІС,РsСҗРSPsРіРs РіСҗРёР·Р·РSP°СґРµРSPSCІ Р'РsС,СҗС-С"РSC,Ср^{РӱРһ} СҗРsР·СґС-РSPµРSC- СІРё С,Р°РёС-, С%Рs РіРµСҗРµРІР°РіР°РіРґСґС,СНБ СҗРёР·Р·Рё РіРµРіРіР°РіР°РіР°РіР°РіРґСґС,С- РіСҗРµРіРіР°РіРґСґС,Ср, РјРsРґРSP° Р·РSPsРІСр СҗРsР·РіРsСґР°С,Рё Р»С-РёСрРІР°РSPSCІ Р'РsС,СҗС-С"РSC,РsРј^{РӱРһ} Ср РјРµРSCёС-Р№ РrPsР·С- (400 РјРі 1 СҗР°Р· РSP° РrPsР±Ср), РІРёР·Р·РSP°СґР°СҗРё РіСҗРё СґСНБsРјСр СГґРёСҗРsРІР°С,РёРsРІС- СҗС-РІРSC- РіРµСґС-РSPёРsРІРёС... С,РµСҗРјРµРSC,С-РІ С%РsС,РёРґРSCІ РіСҗРsС,СІРіРsРј 8 С,РёРґРSC-РІ (РrРёРІ. СҗРsР·РrС-Р» Б«РӱРіРsСГґС-Р± Р·Р°СГґС,РsСГґСрРІР°РSPSCІ С,Р° РrPsР·РёБ»). РіРёС%Рs РіС-СГґС»СІ РіРsРІС,РsСҗРSPsРіРs РіСҗРёР·Р·РSP°СґРµРSPSCІ Р'РsС,СҗС-С"РSC,Ср^{РӱРһ} Р·РSPsРІСр СГґРіРsСГґС,РµСҗС-РіР°СґС,СНСГґСІ РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ > 3 Р'РһРќ, СГґС»С-Рr РsСГґС,Р°С,РsСґРSPs РІС-РrРјС-РSPёС,Рё РіСҗРµРіРіР°РіРґСґС,.

РіРёС%Рs РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ > 3 Р'РһРќ СГґРіРsСГґС,РµСҗС-РіР°СґС,СНСГґСІ РsРrРSPsСґР°СГґРSPs Р· РіС-РrРІРёС%РµРµРSPSCІРј СҗС-РІРSCІ Р±С-Р»С-СҗСрР±С-РSCр > 2 Р'РһРќ, РіРsС,СҗС-Р±РSPs РsСГґС,Р°С,РsСґРSPs РІС-РrРјС-РSPёС,Рё Р'РsС,СҗС-С"РSC, ^{РӱРһ}. Рј С,Р°РёРёС... РіР°СґС-С"РSC,С-РІ РSPµРsР±С...С-РrРSPs РіСҗРsРІsРrРёС,Рё РјРsРSC-С,РsСҗРёРSPі СҗС-РІРSC-РІ СґРёС... РіРsРёР°Р·Р·РSPёРёС-РІ, РіРsРёРё РsСГґС,Р°РSPSC- РSPµ Р·РSPёР·СІС,СНСГґСІ РrPs 1 СГґС,СрРіРµРSCІ Р°Р±Ps РSPµ РіРsРІРµРСҗРSCрС,СНСГґСІ РrPs РІРёС...С-РrРSPёС... Р·РSP°СґРµРSCНБ. РµР°Р·Р·РsРіР°РіРґС-Р± С" С-РSPіС-Р±С-С,РsСҗРsРј UGT1A1. Рј РіР°СґС-С"РSC,С-РІ С-Р· СГґРёРSPrСҗРsРјРsРј Р-РёР»СНБР±РµСҗС,Р° РSP° С,Р»С- РіСҗРёРёР№РsРјСр СґСНБsРіРs РіСҗРµРіРіРґСґС,Ср РјРsРґРµР СҗРsР·РІРёРёРSCрС,РёСГґСІ Р»РµРіРёР°РіРґСґС (РSPµР·РІё^{ТМ} СІР·Р°РSP°) РіС-РіРµСҗР±С-Р»С-СҗСрР±С-РSPµРјС-СІ. Р'РµРrРµРSPSCІ РіР°СґС-С"РSC,С-РІ, СІРёС- РјР°СҗС,СНБ Р»РёСёРµ Р»РµРіРіРёСр РSPµРіСҗСІРјСр РіС-РіРµСҗР±С-Р»С-СҗСрР±С-РSPµРјС-СНБ, СҗР°РSPSC-СёРµ РrС-Р°РіРSPsСГґС,РsРІР°РSPёР№ Р°Р±Ps РіС-РrРsР·СҗСНРІР°РSPёР№ СГґРёРSPrСҗРsРј Р-РёР»СНБР±РµСҗР°С,Р° Р° РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ > 3 Р'РһРќ, СГґС»С-Рr Р·РrС-Р№СГґСНРІР°С,Рё РІС-РrРіРsРІС-РrРSPs РrPs СҗРµРёРsРјРSPrР°СґС-Р№, С%Рs РіСҗРёРіРsРrРёР»РёРёСРёСГґСІ РrР»СІ РІРёРіР°РіРёС-РІ С-Р·РsР»СНБsРІР°РSPsРіРs РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ.Б

РӱСрРјС-СГґРSPµ Р·Р°СГґС,РsСГґСрРІР°РSPSCІ Р'РsС,СҗС-С"РSC,Ср^{РӱРһ} С,Р° СГґРёРјРІР°СГґС,Р°С,РёРSCр Р·Р±С-Р»СНБСрС" СҗРёР·Р·Рё РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ (РrРёРІ. СҗРsР·РrС-Р» Б«Р'Р·Р°С"РјРsРrС-СІ Р·С-РSCёРёРј Р»С-РёР°СҗСГґСНБРёРј Р·Р°СГґСsР±Р°Рј Рё С,Р° С-РSCёС- РІРёРrРё РІР·Р°С"РјРsРrС-Р№Б») С- РіРsРІРёРSPSPs Р·РrС-Р№СГґСНРІР°С,РёСГґСІ РsР±РµСҗРµРґРSPs С- Р· СҗРµС,РµР»СНБSPёРј СГґРіРsСГґС,РµСҗРµРґРµРSPSCІРј.

РһРёСҗС-Рј СҗРµРёРsРјРSPrР°СґС-Р№, С%Рs РіР°СґС-С"РSC,Р°Рј Р· РSPµР·РSP°СґРSPёРј Р·РјС-РSP°Рј РіРµСґС-РSPёРsРІРёС... РіСҗРsР± (РІРёР·Р·РSP°СґР°СґС,СНСГґСІ СІРё РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ РһР>Рӱ РіСҗРё РSPsСҗРјР»СНБSPsРјСр СҗС-РІРSC- Р±С-Р»С-СҗСрР±С-РSCр Р°Р±Ps СІРё РіС-РrРІРёС%РµРµРSPSCІ СҗС-РІРSCІ Р±С-Р»С-СҗСрР±С-РSCр РІ 1,5 СҗР°Р·Р· РІРёС%РµРµРSPµР·Р»РґРSPs РІС-Рr

C₇H₅C-PIPSC₁₁ P_hP>P_h) C₇P>C-Pr P_iC₇H₅P_eP·PSP°C₄P°C, P_e 800 P_jP_i P'P_sC, C₇H₅C-C" PSC, C₇^{P_hP_h} 1
 C₇H₅P°P· PSP° PrP_uPSCH₅ C, P° C... PIPsC₇H₅P_eP_j P· P_iPsP_jC-C₇H₅PS_sCH₅ P_iP_uC₄C-PSPePsPIP_sCH₅
 PSP_uPrPsC₇C, P°C, PSC-C₇C, CH₅ (C₇H₅C-PIP_uPSCH₅ P_±C-P>C-C₇H₅C₇P_±C-PSC₇
 P_iP_uC₇H₅P_iP_eC%₀C₇C" P_i 1, 5-3 C₇H₅P°P·P° P'P_hP_k PSP_uP·P°P>P_uP_hPS_s PIC-Pr C₇H₅C-PIPSC₁₁
 P_hP>P_h) C₇P>C-Pr P·P_jP_uPSCH₅C₇P_iP°C, P_e P_iPsC₄P°C, P_ePsPIC₇ PrPsP·C₇ PrPs 200 P_jP_i PSP°
 PrP_uPSCH₅, P_iPsPrP°P>CH₅C₇P_eC... C₇H₅P_uPePsP_jP_uPSPrP°C₇C-PN_e C%₀PsPrPs
 P_jPsPrP_eC,, C-PeP°C₇C-C— PrPsP·P_e P· PsP_iP>C₇PrC₇ PSP° C₇H₅P_uP·C₇P>CH₅C, P°C, P_e
 P_iP_uC₄C-PSPePsPIP_eC... C, P_uC₇C, C-PI PrP>C₇ C... PIPsC₇H₅P_eC... P· C₇P_hP_u C-C₇PSC₇C₇C₄PsCH₅
 P_iP_uC₄C-PSPePsPIP_sCH₅ PSP_uPrPsC₇C, P°C, PSC-C₇C, CH₅ P_iPsPeP_e C%₀Ps PSP_u
 C₇H₅PsP·C₇H₅PsP_±P>P_uPS_s. P_uP°P·PsP_iP°PSC-P_± PSP_u C₇H₅P_uPePsP_jP_uPSPrC₇C" C, CH₅C₇C₇
 P_iP°C₇C-C" PSC, P°P_j P· C, C₇P_hP_uPeP_eP_j P_iPsC₇H₅C₇C₇P_uPS_sCH₅P_j C,, C₇PSPeC₇C-C—
 P_iP_uC₄C-PSPeP_e (P·P°P_iP°P>CH₅PS_sP_ePN_e P_±C-P>C-C₇H₅C₇P_±C-PS P_±C-P>CH₅C₇ PSC-P_h C₇ 3
 C₇H₅P°P·P_e PIP_eC%₀P_ePN_e P·P° P'P_hP_k PSP_uP·P°P>P_uP_hPS_s PIC-Pr C₇H₅C-PIPSC₁₁ P_hP>P_h) (PrP_ePI.
 C₇H₅PsP·PrC-P> B<P_hP_iPsC₇C-P_± P·P°C₇C, PsC₇C₇P_iP°PSPSC₁₁ C, P° PrPsP·P_eB>).

P_hC₇H₅C, P_uC₇H₅C-P°P>CH₅PS_s° PiC-PiP_uC₇H₅C, P_uPS_s·C-C₇.

P_uC-Pr C₄P°C₇ PeP>C-PSC-C₄PSP_eC... PrPsC₇P>C-PrP_hP_uPSCH₅ P_iP°P·PsP_iP°PSC-P_±C₇
 C₇P_iPsC₇C, P_uC₇H₅C-PiP°P>P_eC₇C₇ PIP_ePiP°PrPeP_e P°C₇H₅C, P_uC₇H₅C-P°P>CH₅PS_sC—
 PiC-PiP_uC₇H₅C, P_uPS_s·C-C—, PIPeP>CH₅C₄P°C₇C₄P_e PiC-PiP_uC₇H₅C, PsPSC-C₄PSC- PeC₇H₅P_eP·P_e.
 P_hC₇H₅C, P_uC₇H₅C-P°P>CH₅PS_sP_ePN_e C, P_eC₇P_e P_jP°C" P_±C₇C, P_e PrPsP_±C₇P_u
 PePsPSC, C₇H₅PsP>CH₅PsPIP°PSP_eP_j C%₀P_u PrPs P_iPsC₄P°C, PeC₇ P>C-PeC₇P_iP°PSPSC₁₁
 P_iP°P·PsP_iP°PSC-P_±PsP_j. P_j P_iP°C₇C-C" PSC, C-PI P_iPsC, C₇H₅C-P_±PSPs PePsPSC, C₇H₅PsP>CH₅PIP°C, P_e
 C₇H₅C-PIP_uPSCH₅ P°C₇H₅C, P_uC₇H₅C-P°P>CH₅PS_sP_iPs C, P_eC₇P_eC₇ PSP° C₇P°P_jPsP_jC₇ P_iPsC₄P°C, PeC₇
 P>C-PeC₇P_iP°PSPSC₁₁ (PSP_u PiC-P·PSC-C₇P_u PSC-P_h P·P° C, P_eP_hP_uPSCH₅ PiC-C₇P>C₇
 P_iPsC₄P°C, PeC₇ P>C-PeC₇P_iP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, PsP_j^{P_hP_h} C- P_iPsC, C-P_j P·
 C₄P°C₇C, PsC, PsCH₅, PSP_uPsP_±C... C-PrPSPsCH₅ PrP>C₇ P·P°P_±P_uP·P_iP_uC₄P_uPS_sCH₅
 PePsPSC, C₇H₅PsP>CH₅ P·P° P°C₇H₅C, P_uC₇H₅C-P°P>CH₅PS_sP_eP_j C, P_eC₇P_ePsP_j PeC₇H₅PsPIC- C, P°
 C₇P_iP_ePrPePs P_iC₇H₅P_eP·PSP°C₄P°C, P_e C₇C, P°PSPrP°C₇H₅C, PSC₇
 P°PSC, P_ePiC-PiP_uC₇H₅C, P_uPS_s·P_ePIPSC₇ C, P_uC₇H₅P°PiC-CH₅ C₇ PePsP_jP_±C-PSP°C₇C-C— P·C-
 P·PSP_eP_hP_uPS_sCH₅P_j PrPsP·P_e P°P_±Ps P_iP_uC₇H₅P_uC₇PIP_sCH₅ C₇ P>C-PeC₇P_iP°PSPSC-
 P'PsC, C₇H₅C-C" PSC, PsP_j^{P_hP_h} PIC-PrP_iPsPIC-PrPSPs PrPs PeP>C-PSC-C₄PSPsPiPs C₇C, P°PSC₇
 C... PIPsC₇H₅PsPiPs (PrP_ePI. C₇H₅PsP·PrC-P>P_e B<P_hP_iPsC₇C-P_± P·P°C₇C, PsC₇C₇P_iP°PSPSC₁₁ C, P°
 PrPsP·P_eB> C, P° B<P_uPsP_±C-C₄PSC-B C₇H₅P_uP°PeC₇C-C—B>). P_hC₇H₅C, P_uC₇H₅C-P°P>CH₅PS_s°
 PiC-PiP_uC₇H₅C, P_uPS_s·C-C₇ (C₇H₅C-PIP_uPSCH₅ C₇P_eC₇C, PsP>C-C₄PSPsPiPs C, P_eC₇P_eC₇ PeC₇H₅PsPIC-
 ≥ 150 P°P_±Ps PrC-P°C₇C, PsP>C-C₄PSPsPiPs ≥ 100 P_jP_j C₇H₅C, C₇C,) PSP° C, P>C-
 P>C-PeC₇P_iP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, PsP_j^{P_hP_h} C₇H₅PsP·PIP_ePIP°C" C, CH₅C₇C₇ C₇ C₇P°PSPSC-
 C₇C, C₇H₅PsPeP_e (C₇ P_iC₇H₅P_eP_±P>P_eP·PSPs C₇ 40 % PIP_ePiP°PrPeC-PI PIPsPSP°
 C₇H₅PsP·PIP_ePIP°C" C, CH₅C₇C₇ PrPs 9 PrPsP_±P_e, C₇ P_iC₇H₅P_eP_±P>P_eP·PSPs 90 % PIP_ePiP°PrPeC-PI
 б₇" C₇ P_iP_uC₇H₅C₇C- 18 C, P_eP_hPS_s-PI). P'PsC, C₇H₅C-C" PSC, ^{P_hP_h} PSP_uPsP_±C... C-PrPSPs
 PIC-PrP_jC-PSP_eC, P_e, C₇P_eC%₀Ps C" PsP·PSP°PeP_e PiC-PiP_uC₇H₅C, PsPSC-C₄PSPsPiPs PeC₇H₅P_eP·C₇
 P°P_±Ps P°C₇H₅C, P_uC₇H₅C-P°P>CH₅PS_s° PiC-PiP_uC₇H₅C, P_uPS_s·C-C₇ C, C₇P_hP_uPeP° C- P_iC₇H₅P_e
 C₇CH₅PsP_jC₇ P_iP_uC₇H₅C₇P_eC₇C, C₇C", PSP_uP·PIP°P_hP°C₇C₄P_e PSP°
 P°PSC, P_ePiC-PiP_uC₇H₅C, P_uPS_s·P_ePIPSC₇ C, P_uC₇H₅P°PiC-CH₅ C- P·PSP_eP_hP_uPS_sCH₅ PrPsP·P_e
 P'PsC, C₇H₅C-C" PSC, C₇^{P_hP_h}.

*P_hP_ePSPrC₇H₅PsP_j P·P°PrPSCH₅PsC— PsP_±P_uC₇H₅PS_sPS_sC— P_uPS_sC₇P_uC,, P°P>PsP_iP°C, C-C—/
 P·P°PrPSCH₅PsC— PsP_±P_uC₇H₅PS_sPS_sC— P>P_uPN_ePePsP_uPS_sC₇P_uC,, P°P>PsP_iP°C, C-C—.*

P_uC-Pr C₄P°C₇ P·P°C₇C, PsC₇C₇P_iP°PSPSC₁₁ P'PsC, C₇H₅C-C" PSC, C₇^{P_hP_h}
 P_iPsPIC-PrPsP_jP>C₇P>PsC₇CH₅ P_iC₇H₅Ps PIP_ePiP°PrPeP_e C₇P_ePSPrC₇H₅PsP_jC₇ P·P°PrPSCH₅PsC—

PsP±PμCḡPSPμPSPSc— PμPSC†PμC,,P°P»PsPīP°C,C-C—/ P·P°PrPSCḡPsC—
 PsP±PμCḡPSPμPSPSc— P»PμPNḡPePsPμPSC†PμC,,P°P»PsPīP°C,C-C—. PŸPēPSPrCḡPsPj PjPsP¶Pμ
 PīCḡPsCḡIP»CḡC,PēCḡCḡ PīPsP»PsPIPSPēPj P±PsP»PμPj, P°CḡC,PμCḡC-P°P»CḡPSPScḡ
 PīC-PīPμCḡC,PμPSP·C-C”Cḡ, CḡCḡPrPsPjP°PjPē, P»PμC,P°CḡPīC-C”Cḡ,
 CḡPīP»CḡC,P°PSC-CḡC,Cḡ CḡPIC-PrPsPjPsCḡC,C-, CḡP»C-PīPsC,PsCḡ C,P° C-PSCēPēPjPē
 CḡPsP·P»P°PrP°PjPē P·PsCḡCḡ C,P° PSPμPICḡPsP»PsPīC-C†PSPēPjPē PīPsCḡCḡCēPμPSPSCḡPjPē
 C- PjPsP¶Pμ PjP°C,Pē P»PμC,P°P»CḡPSPēPNḡ PSP°CḡP»C-PrPsPe. PJ CḡP°P·C-
 PIPēPSPēPePSPμPSPSCḡ C†CḡPsPīPs CḡPēPSPrCḡPsPjCḡ P»C-PeCḡPIP°PSPSCḡ
 P’PsC,CḡC-C”PSC,PsPj^{PŸPḡ} CḡP»C-Pr PīCḡPēPīPēPSPēC,Pē PSP°P·P°PIP¶PrPē.

*P†PSC,PμCḡCḡC,PēC†C-PNḡPSPμ P·P°C...PIPScḡCḡPIP°PSPSCḡ P»PμPīPμPSC-PI
 (P†P—P·)/PīPSPμPIPjPsPSC-C,*

P©PsPrPs P†P—P·, CḡPePμ PjPsP¶Pμ P±CḡC,Pē P·C- CḡPjPμCḡC,PμP»CḡPSPēPj
 PSP°CḡP»C-PrPePsPj, P±CḡP»Ps PīPsPIC-PrPsPjP»PμPSPSCḡ PīCḡPs CḡPsP·PIPēC,PsPe P†P—P·,
 C%Ps PīPsPībḡ™ CḡP·P°PSPs P· PīP°P·PsPīP°PSC-P±PsPj (PrPēPI. CḡPsP·PrC-P»
 B«PμPsP±C-C†PSC- CḡPμP°PeC†C-C—B»). PŸP»C-Pr PICḡC,P°PSPsPIPēC,Pē PīPēP»CḡPSPēPNḡ
 PSP°PīP»CḡPr P·P° PīP°C†C-C”PSC,P°PjPē P· C-PSPrPēPeP°C,PēPIPSPēPjPē CḡPēPjPīC,PsPjP°PjPē
 C%PsPrPs P†P—P·/PīPSPμPIPjPsPSC-C,Cḡ C,P° PīCḡPēPīPēPSPēC,Pē P»C-PeCḡPIP°PSPSCḡ
 PīP°P·PsPīP°PSC-P±PsPj PīP°C†C-C”PSC,C-PI, PI CḡPePēC... PICḡC,P°PSPsPIP»PμPSPēPNḡ
 CḡPsP·PIPēC,PsPe P†P—P· P°P±Ps PīPSPμPIPjPsPSC-C,Cḡ.

*PμPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C— CḡPμCḡC†Cḡ / CḡPμCḡC†PμPIP°
 PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ*

PŸP»C-Pr PsC†C-PSPēC,Pē CḡPīC-PIPIC-PrPSPScēPμPSPSCḡ CḡPēP·PēPeC-PI C,P°
 PePsCḡPēCḡC,C- P»C-PeCḡPIP°PSPSCḡ PīP°P·PsPīP°PSC-P±PsPj PīPμCḡPμPr PīPsC†P°C,PePsPj
 C,PμCḡP°PīC-C— Cḡ PīP°C†C-C”PSC,C-PI, Cḡ CḡPePēC... PI P°PSP°PjPSPμP·C-
 CḡPīPsCḡC,PμCḡC-PīP°P»PēCḡCḡ PīPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C— CḡPμCḡC†Cḡ.
 P’PμP·PīPμPeP° C,P° C,,P°CḡPjP°PePsPeC-PSPμC,PēPeP° PīP°P·PsPīP°PSC-P±Cḡ Cḡ
 PīP°C†C-C”PSC,C-PI P· PīPsPjC-CḡPSPScḡ P°P±Ps C,CḡP¶PePsCḡ CḡPμCḡC†PμPIPScḡ
 PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ P°P±Ps Cḡ PīP°C†C-C”PSC,C-PI P· C,,CḡP°PeC†C-C”Cḡ
 PIPēPePēPrCḡ P»C-PIPsPīPs CēP»CḡPSPSc†PeP° PSPēP¶C†Pμ PSPScḡPjP°P»CḡPSPsPīPs
 CḡC-PIPSCḡ PSPμ PrPsCḡP»C-PrP¶CḡPIP°P»PēCḡCḡ.

PJ PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSPSCḡC... P· PīP°P·PsPīP°PSC-P±PsPj
 CḡPīPsCḡC,PμCḡC-PīP°P»PēCḡCḡ PIPēPīP°PrPePē PīPsCḡCḡCēPμPSPSCḡ C,,CḡPSPeC†C-C—
 CḡPμCḡC†Cḡ, C,P°PeC- CḡPe P·P°CḡC,C-PNḡPSP° CḡPμCḡC†PμPIP°
 PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ C,P° P·PjPμPSCēPμPSPSCḡ C,,CḡP°PeC†C-C— PIPēPePēPrCḡ
 P»C-PIPsPīPs CēP»CḡPSPSc†PeP°. P’ CḡP°PSPrPsPjC-P·PsPIP°PSPsPjCḡ PeP»C-PSC-C†PSPsPjCḡ
 PrPsCḡP»C-PrP¶PμPSPSC- P»C-PeCḡPIP°PSPSCḡ C...PIPScḡPēC... PSP°
 PSPēCḡPePsPīPsPeP»C-C,PēPSPSCḡ PeP°CḡC†PēPSPsPjCḡ PīP°P·PsPīP°PSC-P±PsPj PI
 PīPsCḡC-PIPSCḡPSPSC- P· CḡCḡPSC-C,PēPSC-P±PsPj, Cḡ PīP°C†C-C”PSC,C-PI, CḡPeC- PjP°P»Pē
 PePsPSC,CḡPsP»Cḡ P·P° C,,CḡP°PeC†C-C”Cḡ PIPēPePēPrCḡ P»C-PIPsPīPs CēP»CḡPSPSc†PeP° P·
 PīPsC†P°C,PeCḡ C,P° PīCḡPsC,CḡPīPsPj PrPsCḡP»C-PrP¶PμPSPSCḡ, PīPsCḡCḡCēPμPSPSCḡ
 C,,CḡPSPeC†C-C— PjC-PsPeP°CḡPrP° CḡPīPsCḡC,PμCḡC-PīP°P»Pē Cḡ 13 % (47/362)
 PīP°C†C-C”PSC,C-PI PīCḡCḡPīPē PīP°P·PsPīP°PSC-P±Cḡ, PI PīPsCḡC-PIPSCḡPSPSC- P· 11%
 (42/369) PīP°C†C-C”PSC,C-PI PīCḡCḡPīPē CḡCḡPSC-C,PēPSC-P±Cḡ. P—P°CḡC,C-PNḡPSP°
 CḡPμCḡC†PμPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ CḡPīPsCḡC,PμCḡC-PīP°P»P°CḡCḡ Cḡ 0,5 %
 PīP°C†C-C”PSC,C-PI Cḡ PePsP¶PSC-PNḡ PīCḡCḡPīC- PīP°C†C-C”PSC,C-PI. P—P°CḡC,C-PNḡPSP°
 CḡPμCḡC†PμPIP° PSPμPrPsCḡC,P°C,PSC-CḡC,Cḡ CḡPīPsCḡC,PμCḡC-PīP°P»P°CḡCḡ Cḡ 3 P· 240
 PīP°C†C-C”PSC,C-PI (1 %) Cḡ C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsCḡP»C-PrP¶PμPSCḡ P†P†P†

C,,P°P·Pë C...PIPsCḡPëC... PSP° CḡP°CḡPePsPjCḡ Pjḡḡ™ CḡPePëC... C,PeP°PSPëPS. Pj
C†CHḡPsPjCḡ PrPsCḡP»C-PrPḡPḡPSPSC- P·PjPḡPSCëPḡPSPSCḡ C,,CḡP°PeC†C-C— PIPëPePëPrCḡ
P»C-PIPsPiPs CëP»CḡPSPsC†PeP° Cḡ CḡCḡP±ḡḡ™ C”PeC,C-PI PrPsCḡP»C-PrPḡPḡPSPSCḡ, CḡPeC-
PīCḡPsC...PsPrPëP»Pë PIPëPjC-CḡCḡPIP°PSPSCḡ PSP° PīPsC†P°C,PeCḡ C,P° PI PīCḡPsC†PḡCḡC-
P»C-PeCḡPIP°PSPSCḡ, CḡPīPsCḡC,PḡCḡC-PiP°P»PsCḡCḡ Cḡ 11 % (15/140) Cḡ PiCḡCḡPīC-, C%Ps
PsC,CḡPëPjCḡPIP°P»P° P’PsC,CḡC-C”PSC,^{PḡPḡ}, PīPsCḡC-PIPSCḡPSPs P· 3 % (1/39) Cḡ PiCḡCḡPīC-,
C%Ps PsC,CḡPëPjCḡPIP°P»P° PīP»P°C†PḡP±Ps.

PḡP°PeC,PsCḡPë CḡPëP·PëPeCḡ

13 P· 15 CḡCḡP±ḡḡ™ C”PeC,C-PI Cḡ PiCḡCḡPīC- PīP°P·PsPīP°PSC-P±Cḡ PīC-Pr C†P°Cḡ
PrPsCḡP»C-PrPḡPḡPSPSCḡ C,,P°P·Pë P†P†P† PīCḡPë PḡPḡPḡ PjP°P»Pë CḡCḡPīCḡC,PSCḡ
PiC-PiPḡCḡC,PḡPSP·C-Cḡ, C%Ps PjPsPiP»Ps PīPsCḡPëP»PëC,Pë CḡPḡCḡC†PḡPICḡ
PrPëCḡC,,CḡPSPeC†C-Cḡ Cḡ PīP°C†C-C”PSC,C-PI PiCḡCḡPīPë CḡPëP·PëPeCḡ
PIPSP°CḡP»C-PrPsPe P·P±C-P»CHCëPḡPSPSCḡ CḡPḡCḡC†PḡPIPsPiPs
PīPsCḡC,PSP°PIP°PSC,P°PḡPḡPSPSCḡ. 99 % PīP°C†C-C”PSC,C-PI (243/246), CḡPeC- P±CḡP°P»Pë
CḡC†P°CḡC,CH Cḡ PrPsCḡP»C-PrPḡPḡPSPSC- C,,P°P·Pë P†P†P† PīCḡPë PḡPḡPḡ,
PIPëP»CHC†P°CHC†Pë 15 CḡCḡP±ḡḡ™ C”PeC,C-PI, PsC,CḡPëPjCḡPIP°P»Pë
P°PSC,CḡP°C†PëPeP»C-PS. PḡPsPīPḡCḡPḡPrPSCḡ C,PḡCḡP°PīC-Cḡ
P°PSC,CḡP°C†PëPeP»C-PSP°PjPë PjPsPḡPḡ P±CḡC,Pë C,,P°PeC,PsCḡPsPj CḡPëP·PëPeCḡ
CḡPḡCḡC†PḡPIPsC— PrPëCḡC,,CḡPSPeC†C-C—.

P PḡP·CḡP»CHC,P°C,Pë

4 P· 15 CḡCḡP±ḡḡ™ C”PeC,C-PI PīPsPIPSC-CḡC,CH PsPrCḡPḡP°P»Pë (Cḡ PjPḡPḡP°C... 5 % PIC-Pr
PIPëC...C-PrPSPsPiPs CḡC-PIPsCḡ), P° 5 PsPrCḡPḡP°P»Pë C†P°CḡC,PePsPiPs (Cḡ PjPḡPḡP°C...
PSPsCḡPjPë, P°P»Pḡ PSP° > 5 % PSPëPḡC†Pḡ PIPëC...C-PrPSPsPiPs CḡC-PIPsCḡ). PhPrPëPS
CḡCḡP±ḡḡ™ C”PeC, PSPḡ PsPrCḡPḡPI, P° C%PsPrPs C-PSCëPëC... 5 CḡCḡP±ḡḡ™ C”PeC,C-PI
PrP°PSC- CḡPīPsCḡC,PḡCḡPḡPḡPSPSCḡ P±CḡP»Pë PSPḡPrPsCḡC,CḡPīPSC-.

P>C-PeCḡPIP°PSPSCḡ

Pj PīP°C†C-C”PSC,C-PI P·C- P·PSP°C†PSPëPj P·PSPëPḡPḡPSPSCḡPj C,,CḡP°PeC†C-C—
PIPëPePëPrCḡ P»C-PIPsPiPs CëP»CḡPSPsC†PeP° (PḡP’P»Pë) PīPḡCḡPḡCḡPëPIP°PSPSCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P°/P°P±Ps P·PSPëPḡPḡPSPSCḡ PrPsP·Pë PīP°P·PsPīP°PSC-P±Cḡ
CḡP»C-Pr PīPsC”PrPSCḡPIP°C,Pë P· P»C-PeCḡPIP°PSPSCḡPj PiC-PiPḡCḡC,PḡPSP·C-C—
(CḡPeC%Ps PIPsPSP° PīCḡPëCḡCḡC,PSCḡ, PrPëPI. PīPsPīPḡCḡPḡPrPḡPḡPSPSCḡ PīCḡPs
PiC-PiPḡCḡC,PḡPSP·C-Cḡ PIPëC%Pḡ) PIC-PrPīPsPIC-PrPSPs PrPs PeP»C-PSC-C†PSPëC...
PīPsPeP°P·P°PSCḡ.

*PḡPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ QT C- PīPsP»C-PjPsCḡC,,PSP°
CëP»CḡPSPsC†PePsPIP° C,P°C...C-PeP°CḡPrC-Cḡ C,PëPīCḡ B«PīC-CḡCḡPḡC,B» (torsade de
pointes).*

PḡC-Pr C†P°Cḡ PeP»C-PSC-C†PSPëC... PrPsCḡP»C-PrPḡPḡPSCḡ C%PsPrPs PIPëPIC†PḡPSPSCḡ
P’PsC,CḡC-C”PSC,Cḡ^{PḡPḡ} P±CḡP»Pë PIPëPīP°PrPePë PīPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ
QT C- CḡPsP·PIPëC,PeCḡ torsade de pointes PSP° C,P»C- PīCḡPëPḡPsPjCḡ PīCḡPḡPīP°CḡP°C,Cḡ
(PrPëPI. CḡPsP·PrC-P» B«PḡPsP±C-C†PSC- CḡPḡP°PeC†C-C—B»). P’PsC,CḡC-C”PSC,^{PḡPḡ}
CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P· PsP±PḡCḡPḡPḡPSC-CḡC,CH PīP°C†C-C”PSC,P°Pj,
CḡPeC- PjP°P»Pë PīPsPrPsPIPḡPḡPSPSCḡ C-PSC,PḡCḡPIP°P»Cḡ QTB PI P°PSP°PjPSPḡP·C-,
CḡPeC- PīCḡPëPḡPjP°CHC,CH PīCḡPsC,PëP°CḡPëC,PjC-C†PSC- PīCḡPḡPīP°CḡP°C,Pë P°P±Ps
C-PSCëC- P»C-PeP°CḡCḡCHPeC- P·P°CḡPsP±Pë, C%Ps PjPsPḡCḡC,CH P±CḡC,Pë

РiРsC,РμPSC†C-PM₀PSPsC_Н РiC_НРeC†PēPSPsC_Н РiРsPrРsPIР¶PμPSPSC‡ C-PSC,РμC_НPIР°P»C_ГQT, P°P±Ps C‡P₀PeC- PjP°C_НC,Ч P·PSP°C†C_ГC%₀C- C‡PμC_НC†PμPIРs-C‡C_ГPrPēPSPSC- P·P°C...PIРsC_НC_НPIР°PSPSC‡. РμC_НРe P·P°C‡C,PsC‡C_ГPIР°PSPSC- P'PsC,C_НC-C''PSC,C_Г^{РyР_Н}C_НРμPePsPjPμPSPPrРsPIР°PSPs P·C_НPsP±PēC,Pē РμP»PμPeC,C_НPsPeP°C_НPrC-PsPiC_НР°PjC_ГРiРμC_НРμPr РiРsC†P°C,PePsPj P»C-PeC_ГPIР°PSPSC‡ C- РiРsPIC,PsC_НC_НPIР°C,Pē C—C— РiРμC_НC-PsPrPēC†PSPs РiC_НPsC,C‡P₀PsPj C,РμC_НР°P₀PiC— C,P° РiC-PrC,C_НРePjC_ГРiР°C,Pē C_НC-PIРSC- РμP»PμPeC,C_НPsP»C-C,C-PI (PeP°P»C_НC†C-C_Н, PjP°PiPSC-C_Н, PeP°P»C-C_Н) PI PjPμP¶P°C... PSPsC_НРjP°P»C_НPSPsPiРs PrC-P°РiР°P·PsPSC_Г P·PSP°C†PμPSC_Н C†PēC... РiРsPeP°P·PSPēPeC-PI.

Р_НC_НC,РμC_НC-P°P»C_НPSPēPN₀ C,C_НPsPjP±PsP.

РμC-Pr C†P°C‡ PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н C%₀PsPrPs PIРēPIC†PμPSPSC‡ P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°P»PēC‡C‡ PIРēРiР°PrPePē C_НPsP·PIРēC,PeC_ГC-PSC,,P°C_НPeC,C_Г PjC-PsPeP°C_НPrP°, C-CēPμPjC-C— PjC-PsPeP°C_НPrP°, B C‡C,РμPSPsPeP°C_НPrC-C—, C-CēPμPjC-C†PSPsPiРs C-PSC‡C_ГP»C_НC,C_Г C,P° C,C_НР°PSP·PēC,PsC_НPSPēC... C-CēPμPjC-C†PSPēC... P°C,P°Pe PSP° C,P»C- РiC_НРePN₀PsPjC_ГРiC_НРμРiР°C_НР°C,C_Г (PrPēPI. C_НPsP·PrC-P» B«PμPsP±C-C†PSC- C_НРμP°PeC†C-C-B»). Р_НP°P»Pē PjC-C‡C†Pμ P»PμC,P°P»C_НPS- PIРēРiР°PrPePē PI C_НРμP·C_ГP»C_НC,P°C,C- C†PēC... C_ГC‡P₀PeP»P°PrPSPμPSC_Н. P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P»C-Pr P·P°C‡C,PsC‡PsPIC_ГPIР°C,Pē P·PsP±PμC_НРμP¶PSC-C‡C,C_Н РiР°C†C-C''PSC,P°Pj, C‡P₀PeC- PjP°C_НC,Ч РiC-PrPIРēC%₀РμPSPēPN₀ C_НРeP·PēPe C,C_НPsPjP±PsC,PēC†PSPēC... C‡PIРēC%₀ P°P±Ps PjP°P»Pē C,P°PeC- C‡PIРēC%₀P° PI P°PSP°PjPSPμP·C-. РμP°P·PsРiР°PSC-P± PSPμ PIРēPIC†P°P»Pē PrP»C‡ P»C-PeC_ГPIР°PSPSC‡ РiР°C†C-C''PSC,C-PI, C‡P₀PeC- PjP°P»Pē C,C_НPsPjP±PsC,PēC†PSC- C‡PIРēC%₀P° P·P° РiРsPiРμC_НРμPrPSC- 6 PjC-C‡C‡C†C-PI. P C-CēPμPSPSC‡ РiC_НPs РiC_НРeP·PSP°C†PμPSPSC‡ P»C-PeC_ГPIР°PSPSC‡ C†PēPj РiC_НРμРiР°C_НР°C,PsPj PjP°C'' Т'C_НC_ГPS,C_ГPIР°C,PēC‡C‡ PSP° PsC†C-PSC†C- C‡РiC-PIРIC-PrPSPsCēPμPSPSC‡ PePsC_НРeC‡C,Ч/C_НРeP·PēPe PrP»C‡ PePsP¶PSPsPiРs PsPeC_НРμPjPsPiРs РiР°C†C-C''PSC,P°.

Р'PμPSPsP·PSP° C,C_НPsPjP±PsPμPjP±PsP»C-C‡.

РμC-Pr C†P°C‡ PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н PrC-C— P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°P»PēC‡C‡ PIРēРiР°PrPePē C_НPsP·PIРēC,PeC_ГPIРμPSPsP·PSPsC— C,C_НPsPjP±PsPμPjP±PsP»C-C—, PIРeP»C_НC†P°C_НC†Pē PIРμPSPsP·PSPēPN₀ C,C_НPsPjP±PsP· C,P° P»PμC,P°P»C_НPS- PIРēРiР°PrPePē C,C_НPsPjP±PsPμPjP±PsP»C-C— P»PμPiРμPSPμPIРsC— P°C_НC,РμC_НC-C—. P₀P°C‡C,PsC,P° C†PēC... PIРēРiР°PrPeC-PI C_Г РiC_НC_ГРiC- РiР°C†C-C''PSC,C-PI C-P· PeP°C_НC†PēPSPsPjPsC_Н Рj_ВТ[™] C‡P₀PeC... C,PeP°PSPēPS P±C_ГP»P° PIРēC%₀PsC_Н (5 %), PSC-P¶ C_Г РiC_НC_ГРiC- P· PSPēC_НPePsPIРsPeP»C-C,PēPSPSPsC_Н PeP°C_НC†PēPSPsPjPsC_Н (2 %).

РyC_НPsPjP±PsC,PēC†PSP° PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C‡.

РμPsPIC-PrPsPjP»C‡P»PsC‡C_Н РiC_НPs PIРēРiР°PrPePē C,C_НPsPjP±PsC,PēC†PSPsC— PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C— C_Г C...PsPrC- PeP»C-PSC-C†PSPēC... PrPsC‡P»C-PrP¶PμPSC_Н P·P°C‡C,PsC‡C_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,C_Г^{РyР_Н} C‡P₀Pe PjPsPSPsC,РμC_НР°P₀PiC-C—, C_Г PePsPjP±C-PSP°C†C-C— P· P±PμPIР°C†PēP·C_ГPjP°P±PsPj C,P° C_Г PePsPjP±C-PSP°C†C-C— P· C,PsPiРsC,РμPeP°PSPsPj (PrPēPI. C_НPsP·PrC-P» B«PμPsP±C-C†PSC- C_НРμP°PeC†C-C-B»). PJ C_НР°P·C- PIРēPSPēPePSPμPSPSC‡ C_Г C...PIРsC_НPsPiРs C,C_НPsPjP±PsC,PēC†PSPsC— PjC-PeC_НPsP°PSPiC-PsРiР°C,C-C— P»C-PeC_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,PsPj^{РyР_Н} C‡P»C-Pr РiC_НРeРiРēPSPēC,Pē PSP°P·P°PIР¶PrPē. РμC-C‡P»C‡ РiC_НРeРiРēPSPμPSPSC‡ P»C-PeC_ГPIР°PSPSC‡ P'PsC,C_НC-C''PSC,PsPj^{РyР_Н} C‡P₀PsC‡C,РμC_НC-РiР°PIC‡C‡ P·PIРsC_НPsC,PSPēPN₀ C_НPsP·PIРēC,PsPe РμC,,РμPeC,C_Г PIC-Pr

C, C₇PsPjP±PsC, PēC±PSPsC— PjC—PeC₇PsP°PSPiC—PsP_iP°C, C—C—. P'PsC, C₇C—C''PSC, ^{P_YP_H} PSPμ PīC₇PēP·PSP°C±PμPSPēPN₂ PrP»C₇ P»C—PeC₇PiP°PSPSC₇ C₇ PePsPjP±C—PSP°C₇C— P· C—PSCēPēPjPē P»C—PeP°C₇C₇CHPePēPjPē P·P°C₇PsP±P°PjPē.

P°PμPjPsC₇P°PiC—C±PSC— C₇C₇PeP»P°PrPSPμPSPSC₇.

P—P° PrP°PSPēPjPē PeP»C—PSC—C±PSPēC... PrPsC₇P»C—PrP₇μPSC_H, C%₀₀PsPrPs PIPēPIC±PμPSPSC₇ P'PsC, C₇C—C''PSC, C₇^{P_YP_H} PīPsPIC—PrPsPjP»C₇P»PsC₇C₇ PīC₇Ps PIPēPīP°PrPePē PīPsC₇PIPē PīPμPjPsC₇P°PiC—C±PSPēC... C₇C₇PeP»P°PrPSPμPSC_H PSP° C, P»C— PīC₇PēPN₂PsPjC₇ PīC₇PμPīP°C₇P°C, C₇ (PrPēPI. C₇PsP·PrC—P» B«PμPsP±C—C±PSC— C₇PμP°PeC₇C—C—B»). P_HP°P»Pē PjC—C₇C₇Pμ P»PμC, P°P»CH₇PSC— PSP°C₇P»C—PrPePē C₇ C₇PμP·C₇P»CH₇C, P°C, C— PīPμPjPsC₇P°PiC—C±PSPēC... C₇C₇PeP»P°PrPSPμPSC_H. P'PsC, C₇C—C''PSC, ^{P_YP_H} PSPμ PIPēPIC±P°PIC₇C₇ C₇ PīP°C₇C—C''PSC, C—PI, C₇PeC— PI P°PSP°PjPSPμP·C— PjP°P»Pē PμPīC—P·PsPrPē PeC₇PsPIP₇S...P°C₇PeP°PSPSC₇, PIPSC₇C, C₇C—CēPSC_HPsC±PμC₇PμPīPSC— PeC₇PsPIP₇PIPēP»PēPIPē P°P±Ps PeP»C—PSC—C±PSPs P·PSP°C±C₇C%₀₀C— CēP»C₇PSPePsPIP₇S—PePēCēPePsPIC— PeC₇PsPIP₇S, PμC±C— PīC₇PsC, C₇PIPsPj PīPsPīPμC₇PμPrPSC—C... 6 PjC—C₇C₇C₇C—PI. P'PsC, C₇C—C''PSC, ^{P_YP_H} C₇P»C—Pr P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē P· PsP±PμC₇PμP₇PSC—C₇C, C₇ PīP°C₇C—C''PSC, P°Pj, C₇PeC— PjP°C₇C, C₇ C₇C₇C, C, C''PIPēPN₂ C₇PēP·PēPe PīPμPjPsC₇P°PiC—C±PSPēC... C₇PIPēC%₀₀.

P_HPSPμPIC₇PēP·PjPē C, P° C₇PsP·CēP°C₇C₇PiP°PSPSC₇ P°C₇C, PμC₇C—PN₂

P—P°C₇C, PsC₇C₇PiP°PSPSC₇ C—PSPiC—P±C—C, PsC₇C—PI VEGF C₇ PīP°C₇C—C''PSC, C—PI P· P°C₇C, PμC₇C—P°P»CH₇PSPsC_H PiC—PīPμC₇C, PμPSP·C—C''C₇ P°P±Ps P±PμP· PSPμC— PjPsP₇μ C₇PīC₇PēC₇C, Pē C₇C, PIPsC₇PμPSPSC_H P°PSPμPIC₇PēP·Pj C, P°/P°P±Ps C₇PsP·CēP°C₇C₇PiP°PSPSC_H P°C₇C, PμC₇C—PN₂. PμPμC₇Cē PSC—P₇ P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē PīP°P·PsPīP°PSC—P±, C₇PμPN₂ C₇PēP·PēPe C₇P»C—Pr C₇PμC, PμP»CH₇PSPs C₇PsP·PiP»C₇PSC₇C, Pē C₇ PīP°C₇C—C''PSC, C—PI P· C, P°PePēPjPē C, P°PeC, PsC₇P°PjPē C₇PēP·PēPeC₇, C₇Pe P°C₇C, PμC₇C—P°P»CH₇PSP° PiC—PīPμC₇C, PμPSP·C—C₇ P°P±Ps P°PSPμPIC₇PēP·PjP° PI P°PSP°PjPSPμP·C—.

PμPμC₇C, PsC₇P°C₇C— C, P° C, C—C₇C, C₇P»Pē CēP»C₇PSPePsPIP₇S—PePēCēPePsPIP₇SiPs C, C₇P°PeC, C₇ (PēP₇Py).

PμC—Pr C±P°C₇ PeP»C—PSC—C±PSPēC... PrPsC₇P»C—PrP₇μPSC_H C%₀₀PsPrPs PIPēPIC±PμPSPSC₇ P'PsC, C₇C—C''PSC, C₇^{P_YP_H} P±C₇P»Pē PIPēPīP°PrPePē PīPμC₇C, PsC₇P°C₇C—PN₂ C, P° C₇C, PIPsC₇PμPSPSC₇ C, C—C₇C, C₇P» PēP₇Py PSP° C, P»C— PīC₇PēPN₂PsPjC₇ PīC₇PμPīP°C₇P°C, C₇ (PrPēPI. C₇PsP·PrC—P» B«PμPsP±C—C±PSC— C₇PμP°PeC₇C—C—B»). P_HP°P»Pē PjC—C₇C₇Pμ P»PμC, P°P»CH₇PSC— PIPēPīP°PrPePē PīC—C₇P»C₇ PīPμC₇C, PsC₇P°C₇C—PN₂. P'PsC, C₇C—C''PSC, ^{P_YP_H} C₇P»C—Pr P·P°C₇C, PsC₇PsPIC₇PiP°C, Pē P· PsP±PμC₇PμP₇PSC—C₇C, C₇ PīP°C₇C—C''PSC, P°Pj, C₇PeC— PjP°C₇C, C₇ C₇PēP·PēPe PIPēPSPēPePSPμPSPSC₇ PīPμC₇C, PsC₇P°C₇C—PN₂ C, P° C₇C, PIPsC₇PμPSPSC₇ C, C—C₇C, C₇P» PēP₇Py.

P—P°PiPsC''PSPSC₇ C₇P°PS.

P'PsC₇P»C—PrP₇μPSPSC₇ C%₀₀PsPrPs PIPēPIC±PμPSPSC₇ PIPiP»PēPIC₇ P'PsC, C₇C—C''PSC, C₇^{P_YP_H} PSP° P·P°PiPsC''PSPSC₇ C₇P°PS PIC—PrC₇C₇C, PSC—. P_HC₇PeC—P»CH₇PePē C—PSPiC—P±C—C, PsC₇Pē C, P°PeC, PsC₇P° C₇PsC₇C, C₇ PμPSPPrPsC, PμP»C—C₇ C₇C₇PrPēPS PjPsP₇C₇C, C₇ PīPsPiC—C₇CēC₇PiP°C, Pē PīC₇PsC₇PμC₇ P·P°PiPsC''PSPSC₇ C₇P°PS,

PJ PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PuPSPSC¶C... C-P· P·P°P»CrC‡PuPSPSC¶Pj
PiP°C‡C-C°PSC,C-PI C-P· C¶PsP·PiPsPICÍC¶PrP¶PuPSPsC¶ CÍP°C¶PePsPjPsC¶

Pjбґ™ CҚPePëC... C,PeP°PSPëPS PİPsPIC-PrPsPjP»CҚP»PsCГЧҢ PİCґPs PIPëPİP°PrPePë
PİPSPµPIPjPsC,PsCґP°PeCГCр (PrPëPI. CґPsP·PrC-P» B«PµPsP±C-C±PSC- CґPµP°PeCГC-C—B»).
PµC-Pr C±P°CГ P»C-PeCрPIP°PSPSCҚ PİP°P·PsPİP°PSC-P±PsPj PİP°CГC-C”PSC,C-PI CГP»C-Pr
CґPµC,PµP»CHбPSPs PsP±CГC,PµPҚCрPIP°C,Pë PSP° PSP°CҚIPSC-CГC,CH PsP·PSP°Pe C,P°
CГPëPjPİC,PsPjC-PI PİPSPµPIPjPsC,PsCґP°PeCГCр.B

P†PSC,,PµPeCГC-C—.

PµPsPIC-PrPsPjP»CҚP»PsCГЧҢ PİCґPs PIPëPİP°PrPePë CГPµCґPNµPsP·PSPëC...
C-PSC,,PµPeCГC-PNµ (P· PSPµPNµC,CґPsPİPµPSC-C”CҢ P°P±Ps P±PµP· PSPµC—), C-PSPsPrC-
P»PµC,P°P»CHбPSC-.

*PµPsPjP±C-PSP°CГC-CҚ P· C-PSC€PëPjPë CГPëCГC,PµPjPSPëPjPë
PİCґPsC,PëPİCзC...P»PëPSPSPëPjPë PİCґPµPİP°CґP°C,P°PjPë.*

PµP»C-PSC-C±PSC- PrPsCГP»C-PrPҚPµPSPSCҚ PrC-C— P’PsC,CґC-C”PSC,Cр^{PҫPҢ} (Cр
PePsPjP±C-PSP°CГC-C— P· PİPµPjPµC,CґPµPeCГPµPrPsPj, P»P°PİP°C,PëPSC-P±PsPj B C,P°
PİPµPjP±CґPsP»C-P·CрPjP°P±PsPj) P±CрP»Pë PİCґPëPİPëPSPµPSC- CґP°PSC-C€Pµ C±PµCґPµP·
P·P°CГC,PµCґPµPҚPµPSPSCҚ C°°PsPrPs PİPµCґPµPIPëC°°PµPSPsC— C,PsPeCГPëC±PSPsCГC,C-
C,P°/P°P±Ps CГPjPµCґC,PSPsCГC,C-. P’PµP·PİPµC±PSPsC— C,P° PµC,,PµPeC,PëPIPSPsC—
PePsPjP±C-PSP°CГC-C— PrPsP· C†PëC... PİCґPµPİP°CґP°C,C-PI PICГC,P°PSPsPIPëC,Pë PSPµ
PIPрP°P»PsCГCҚ. P’PsC,CґC-C”PSC,^{PҫPҢ} PSPµ PİCґPëP·PSP°C±PµPSPëPNµ PrP»CҚ
P·P°CГC,PsCГCрPIP°PSPSCҚ Cр PePsPjP±C-PSP°CГC-C— P· C†PëPjPë PİCґPµPİP°CґP°C,P°PjPë.

P®PIPµPSC-P»CHбPSP° C,PsPeCГPëC±PSC-CГC,CH Cз C,PIP°CґPëPS.

P— PsPİP»CҚPrCр PSP° PjPµC...P°PSC-P·Pj PrC-C—, P’PsC,CґC-C”PSC,^{PҫPҢ} PjPsPҚPµ
CГPëP»CHбPSPs PIPİP»PëPIP°C,Pë PSP° CґPsP·PIPëC,PsPe PsCґPİP°PSC-PI C,P°
PrPsP·CґC-PIP°PSPSCҚ Cр CґP°PSPSCHбPsPjCр PİPsCГC,PSP°C,P°P»CHбPSPsPjCр
PİPµCґC-PsPrC-, C,PsPjCр P’PsC,CґC-C”PSC,^{PҫPҢ} PSPµ PjPsPҚPSP° PİCґPëP·PSP°C±P°C,Pë
PrC-C,CҚPj PrPs 2 CґPsPeC-PI.

P’P°PiC-C,PSC-CГC,CH.

P’PsPeP»C-PSC-C±PSC- PrPsCГP»C-PrPҚPµPSPSCҚ PSP° C,PIP°CґPëPSP°C... PİPsPeP°P·P°P»Pë
CґPµPİCґPsPrCрPeC,PëPIPSCр C,PsPeCГPëC±PSC-CГC,CH PİCґPµPİP°CґP°C,Cр. PİPeC°°Ps
P’PsC,CґC-C”PSC,^{PҫPҢ} P·P°CГC,PsCГPsPICрC”C,CHCГCҚ PİC-Pr C±P°CГ PIP°PiC-C,PSPsCГC,C-
P°P±Ps CҚPeC°°Ps PİP°CГC-C”PSC,PeP° P·P°PIP°PiC-C,PSC-P»P° PİC-Pr C±P°CГ
P»C-PeCрPIP°PSPSCҚ C†PëPj PİCґPµPİP°CґP°C,PsPj, PSPµPsP±C...C-PrPSPs
C-PSC,,PsCґPjCрPIP°C,Pë PİP°CГC-C”PSC,PeCр PİCґPs PİPsC,PµPSCГC-PNµPSCр
PSPµP±PµP·PİPµPeCр PİCґPµPİP°CґP°C,Cр PrP»CҚ PİP»PsPrP°. P-C-PSPeP°Pj
PrC-C,PsCґPsPrPSPsPİPs PIC-PeCр CГP»C-Pr CґPµPePsPjPµPSPрCрPIP°C,Pë
P·P°PİPsP±C-PİP°C,Pë PIP°PiC-C,PSPsCГC,C- PİC-Pr C±P°CГ P»C-PeCрPIP°PSPSCҚ
PİP°P·PsPİP°PSC-P±PsPj C,P° PİCґPsC,CҚPİPsPj 2 C,PëPҚPSC-PI PİC-CГP»CҚ PNµPsPİPs
PİCґPëPİPëPSPµPSPSCҚ (PrPëPI. CґPsP·PrC-P» B«P—P°CГC,PsCГCзPIP°PSPSCҚ Cз
PİPµCґC-PsPr PIP°PiC-C,PSPsCГC,C- P°P±Ps PİPsPrCзPIP°PSPSCҚ PİCґCзPrPrCҢB»).

P’P·P°C”PjPsPrC-C—.

PҫP»C-Pr CрPSPëPeP°C,Pë CГCрPjC-CГPSPsPİPs P·P°CГC,PsCГCрPIP°PSPSCҚ P·
CГPëP»CHбPSPëPjPë C-PSPiC-P±C-C,PsCґP°PjPë CYP3A4, P -gp P°P±Ps BCRP C±PµCґPµP·
CґPëP·PëPe PİC-PrPIPëC°°PµPSPSCҚ PµPeCГPİPsP·PëCГC-C— PİP°P·PsPİP°PSC-P±Cр (PrPëPI.

$P''PsC, P_{\mu}P_{\bar{\mu}}C_{\bar{\eta}} PIC - PrC\bar{I}C\bar{r}C, PSC - \bar{P}\bar{P}_{\mu}C_{\bar{\eta}}P_{\mu}PePsPSP \gg P\bar{e}PIC - PrPsPeP^{\circ}P \cdot PsPIC - PrP^{\circ}PSC -$
 $C^{\circ}_{\%}PsPrPs P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}C\bar{r}PIP^{\circ}PSPSC \sqcup P'PsC, C_{\bar{\eta}}C - C''PSC, C\bar{r}^{PyP_{\bar{\eta}}} PIP^{\circ}PiC - C, PSP\bar{e}Pj P \parallel C - PSPeP^{\circ}Pj.$
 $B P \cdot PeC\bar{I}P\bar{P}_{\mu}C_{\bar{\eta}}P\bar{e}PjP_{\mu}PSC, P^{\circ}P \gg CH\bar{P}SC - PrPsC\bar{I}P \gg C - PrP \parallel P_{\mu}PSPSC \sqcup C\bar{r} C, PIP^{\circ}C_{\bar{\eta}}P\bar{e}PS$
 $PiC_{\bar{\eta}}PsPrP_{\mu}PjPsPSC\bar{I}C, C_{\bar{\eta}}C\bar{r}PIP^{\circ}P \gg P\bar{e} C_{\bar{\eta}}P_{\mu}PiC_{\bar{\eta}}PsPrC\bar{r}PeC, P\bar{e}PIPSC\bar{r} C, PsPeC\bar{I}P\bar{e}C\ddagger PSC - C\bar{I}C, CH$
 $PiC_{\bar{\eta}}P_{\mu}P\bar{I}P^{\circ}C_{\bar{\eta}}P^{\circ}C, C\bar{r}. P_{\mu}PsC, P_{\mu}PSC\ddagger C - PN_{\bar{e}}PSP\bar{e}PN_{\bar{e}} C_{\bar{\eta}}P\bar{e}P \cdot P\bar{e}Pe PiC_{\bar{\eta}}P_{\mu}P\bar{I}P^{\circ}C_{\bar{\eta}}P^{\circ}C, C\bar{r} PrP \gg C \sqcup$
 $P \gg CHPrP\bar{e}PSP\bar{e} PiPsPeP\bar{e} C^{\circ}_{\%}Ps P \cdot P^{\circ}P \gg P\bar{e}C\bar{e}P^{\circ}C''C, CHC\bar{I}C \sqcup PSP_{\mu}PIC - PrPsPjP\bar{e}Pj.$
 $P'PsC, C_{\bar{\eta}}C - C''PSC, P^{PyP_{\bar{\eta}}} PSP_{\mu} P\bar{I}PsPIP\bar{e}PSP_{\mu}PS P \cdot P^{\circ}C\bar{I}C, PsC\bar{I}PsPIC\bar{r}PIP^{\circ}C, P\bar{e}C\bar{I}C \sqcup PiC - Pr C\ddagger P^{\circ}C\bar{I}$

PIP°PiC-C,PSPsCfC,C-, P·P° PIPëPSCfC,PePsPj PIPëPïP°PrPeC-PI, PePsP»Pë
PïPsC,PµPSC†C-PNëPSP° PePsCfPëCfC,CH PIC-Pr P·P°CfC,PsCfCfPIP°PSPSCfC
PïPµCfPµPIP°P¶P°C” CfPëP·PëPe. PïPeC%Ps P’PsC,CfC-C”PSC,^{PÿPñ}
P·P°CfC,PsCfPsPICfC”C,CHCfCfCf PïC-Pr C†P°Cf PIP°PiC-C,PSPsCfC,C- P°P±Ps CfPeC%Ps
PïP°C†C-C”PSC,PeP° P·P°PIP°PiC-C,PSC-P»P° PSP° C,,PsPSC- PïCfPëPNëPsPjCf PrP°PSPsPiPs
PïCfPµPïP°CfP°C,Cf, PSPµPsP±C...C-PrPSPs PïPsCfCfPSPëC,Pë PïP°C†C-C”PSC,C†C- PïCfPs
PïPsC,PµPSC†C-PNëPSCf PSPµP±PµP·PïPµPeCf PïCfPµPïP°CfP°C,Cf PrP»Cf PïP»PsPrP°.

P— PjPµC,PsCf P·P°PïPsP±C-PïP°PSPSCf PIP°PiC-C,PSPsCfC,C- PïCfPë C,PµCfP°PïC-C—
PïP°P·PsPïP°PSC-P±PsPj P¶C-PSPeP°Pj CfPµPïCfPsPrCfPeC,PëPIPSPsPiPs PIC-PeCf C†P»C-Pr
CfPµPePsPjPµPSPPrCfPIP°C,Pë P·P°CfC,PsCfPsPICfPIP°C,Pë PµC,,PµPeC,PëPIPSC- PjPµC,PsPrPë
PePsPSC,CfP°C†PµPïC†C-C— PïC-Pr C†P°Cf P·P°CfC,PsCfCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±Cf
C,P° PïCfPsC,CfPiPsPj 2 C,PëP¶PSC-PI PïC-C†P»Cf PïCfPëPïPëPSPµPSPSCf
P·P°CfC,PsCfCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±Cf.

PµP°C†C-C”PSC,Pë C†PsP»PsPIC-C†PsC— CfC,P°C,C- (PI C,PsPjCf C†PëC†P»C- C,C-, PePsPjCf
PïCfPsPiPsPrPëP»Pë PIP°P·PµPeC,PsPjC-Cf) PïPsPïPëPSPSC- PIPëPePsCfPëCfC,PsPICfPIP°C,Pë
PïCfPµP·PµCfPIP°C,PëPIPë PïC-Pr C†P°Cf CfC,P°C,PµPiPsPiPs P°PeC,Cf PI PïPµCfC-PsPr
P»C-PeCfPIP°PSPSCf PïP°P·PsPïP°PSC-P±PsPj C- PïCfPsC,CfPiPsPj PïCfPëPSP°PNëPjPSC- 2
C,PëP¶PSC-PI PïC-C†P»Cf PïCfPëPNëPsPjCf PsCfC,P°PSPSCHPsC— PrPsP·Pë
PïP°P·PsPïP°PSC-P±Cf, C%PsP± CfPSPëPePSCfC,Pë PjPsP¶P»PëPiPsPiPs PïP»PëPICf
PïCfPµPïP°CfP°C,Cf PSP° PïP°CfC,PSPµCfC-PI ðf” PIP°PiC-C,PSPëC... P¶C-PSPsPe
CfPµPïCfPsPrCfPeC,PëPIPSPsPiPs PIC-PeCf.

PµPµCfC-PsPr PiPsPrC¿PIP°PSPSCf PïCfC¿PrPrCf.

PkP° CfCHPsPiPsPrPSC- P±PµP·PïPµC†PSC-CfC,CH P·P°CfC,PsCfCfPIP°PSPSCf
P’PsC,CfC-C”PSC,Cf^{PÿPñ} Cf PïPµCfC-PsPr PiPsPrCfPIP°PSPSCf PïCfCfPrPrCf PSPµ
PrPsC†P»C-PrP¶PµPSP°. PkPµ PIC-PrPsPjPs, C†Pë PµPeC†PeCfPµC,CfC”C,CHCfCfCf
PïP°P·PsPïP°PSC-P± Cf PïCfCfPrPSPµ PjPsP»PsPePs P»CfPrPëPSPë, C,PsPjCf PïC-Pr C†P°Cf
P»C-PeCfPIP°PSPSCf P’PsC,CfC-C”PSC,PsPj^{PÿPñ} PSPµPsP±C...C-PrPSPs PïCfPëPïPëPSPëC,Pë
PiPsPrCfPIP°PSPSCf PïCfCfPrPrCf.

*P—PrP°C,PSC-CfC,CH PIPïP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CfC,CH CfPµP°PeC†C-C— PïCfPë
PePµCfC¿PIP°PSPSC- P°PIC,PsC,CfP°PSCfPiPsCfC,PsPj P°P±Ps CfPsP±PsC,C- P· C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë.*

P’PsC,PµPïPµCf PSPµ PïCfPsPiPsPrPëP»PsCfCf PrPsC†P»C-PrP¶PµPSCf C%PsPrPs
PIPïP»PëPICf P’PsC,CfC-C”PSC,Cf^{PÿPñ} PSP° P·PrP°C,PSC-CfC,CH PePµCfCfPIP°C,Pë
P°PIC,PsPjPsP±C-P»PµPj P°P±Ps PSP° PjPsP¶P»PëPIC-CfC,CH PïCfP°C†CfPIP°C,Pë P·
CfC-P·PSPëPjPë PjPµC...P°PSC-P·PjP°PjPë. P’CfP°C...PsPICfCfC†Pë
C,,P°CfPjP°PePsP»PsPiC-C†PSC- PIP»P°CfC,PëPiPsCfC,C- PïP°P·PsPïP°PSC-P±Cf, PNëPsPiPs
PSPµC†PïCfPëCfC,P»PëPIPëPNë PIPïP»PëPI PSP° C,P°PeC- PIPëPrPë PrC-CfP»CHPSPsCfC,C-
PjP°P»PsPNëPjPsPIC-CfPSPëPNë. PµCfPë PsC†C-PSC†C- P·PrP°C,PSPsCfC,C- PïP°C†C-C”PSC,P°
PIPëCfC-CëCfPIP°C,Pë P·P°PIPPrP°PSPSCf, C%Ps PïPsC,CfPµP±CfCfC,CH
PïCfPëPNëPSCfC,C,Cf CfC-CëPµPSCf, CfC-PIPSCf PNëPsPiPs PjPsC,PsCfPSPëC... C-
PePsPiPSC-C,PëPIPSPëC... PSP°PIPëC†PsPe, PïPsPïPëPSPµPS PICfP°C...PsPICfPIP°C,PëCfCfCf
PeP»C-PSC-C†PSPëPNë CfC,P°C,CfCf C...PiPsCfPsPiPs C,P° PïCfPsC,,C-P»CH
PïPsP±C-C†PSPëC... CfPµP°PeC†C-PNë P’PsC,CfC-C”PSC,Cf^{PÿPñ}.

[illegible]

C,,P°CḡPjP°PePsPeC-PSPµC,PëPeCṛ PïP°P·PsPïP°PSC-P±Cṛ, PICḡP°C...PsPICṛCḡC±Pë
PSPëP·CHḡPePëPNë CḡC-PIPµPSCḡ PµPeCṛPeCḡPµC†C-C— PïP°P·PsPïP°PSC-P±Cṛ C,P° PNëPsPiPs
PjPµC,P°P±PsP»C-C,PI C†PµCḡPµP· PSPëCḡPePë, PePsCḡPëPiCṛPIP°PSPSCḡ PrPsP·Pë
PïCḡPµPïP°CḡP°C,Cṛ PïCḡPë C†CHḡPsPjCṛ PSPµ PiPsC,CḡC-P±PSPµ C...PIPsCḡPëPj P·
PeP»C-CḡPµPSCṛPsPj PeCḡPµP°C,PëPSC-PSCṛ ≥ 30 PjP»/C...PI (PrPëPI. CḡPsP·PrC-P»
B«PṛP°CḡPjP°PePsPeC-PSPµC,PëPeP°B»).

PµPµC†C-PSPePsPIP° PSPµPrPsCṛC,P°C,PSC-CṛC,CHḡ.

P'PµP·PïPµC†PSC-CṛC,CHḡ P·P°CṛC,PsCṛCṛPIP°PSPSCḡ PïP°P·PsPïP°PSC-P±Cṛ C,P°
PsCṛPsP±P»PëPIPsCṛC,C- PNëPsPiPs C,,P°CḡPjP°PePsPeC-PSPµC,PëPePë Cṛ PïP°C†C-C"PSC,C-PI
P· C-CṛPSCṛCḡC±PsCḡ PïPµC†C-PSPePsPIPsCḡ PSPµPrPsCṛC,P°C,PSC-CṛC,CHḡ PrPsC,PµPïPµCḡ
PIPëPIC†PµPSC- PSPµPrPsCṛC,P°C,PSCHḡPs (PrPëPI. CḡPsP·PrC-P» B«PḡCṛPsP±P»PëPIPsCṛC,C-
P·P°CṛC,PsCṛCṛPIP°PSPSCḡB»).

P'CṛC-Pj PïP°C†C-C"PSC,P°Pj CṛP»C-Pr P·CḡPsP±PëC,Pë PïPµC†C-PSPePsPIC- PïCḡPsP±Pë
C%PsPrPs PïPsCḡCṛCḡPµPSPSCḡ C,,CṛPSPeC†C-C— PïPµC†C-PSPePë PïPµCḡPµPr
PïPsC†P°C,PePsPj C,P° PïC-Pr C†P°Cṛ P»C-PeCṛPIP°PSPSCḡ PïP°P·PsPïP°PSC-P±PsPj.
PµP°C†C-C"PSC,P°Pj P· PïPsCḡCṛCḡPµPSPSCḡPj C,,CṛPSPeC†C-C— PïPµC†C-PSPePë
P»PµPiPePsPiPs C,P° PïPsPjC-CḡPSPsPiPs CṛC,CṛPïPµPSCḡ CṛP»C-Pr
P·P°CṛC,PsCṛPsPICṛPIP°C,Pë PïP°P·PsPïP°PSC-P± P· PsP±PµCḡPµPḡPSC-CṛC,CHḡ, P° C,P°PePsPḡ
PïCḡPsPIPsPrPëC,Pë CḡPµC,PµP»CHḡPSPëPNë PePsPSC,CḡPsP»CHḡ
PïPµCḡPµPSPsCṛPëPjPsCṛC,C-.

P"P»Cḡ C...PIPsCḡPëC... P· PSPµP·PSP°C†PSPëPjPë P·PjC-PSP°PjPë PïPµC†C-PSPePsPIPëC...
PïCḡPsP±, C%Ps PIPëP·PSP°C†P°CḡC,CHḡCṛCḡ CḡPe PïC-PrPIPëC%PµPSPSCḡ CḡC-PIPsCḡ
PḡP»Pṽ PïCḡPë PSPsCḡPjP°P»CHḡPSPsPjCṛ CḡC-PIPsC- P±C-P»C-CḡCṛP±C-PSCṛ P°P±Ps CḡPe
PïC-PrPIPëC%PµPSPSCḡ CḡC-PIPsCḡ P±C-P»C-CḡCṛP±C-PSCṛ PI 1,5 CḡP°P·P° PIPëC%Pµ
P'PḡPḡ PSPµP·P°P»PµPḡPSPs PIC-Pr CḡC-PIPsCḡ PḡP»Pṽ, PrPsP·P° PïCḡPµPïP°CḡP°C,Cṛ
CṛC,P°PSPsPIPëC,CHḡ 800 PjPi 1 CḡP°P· PSP° PrPµPSCḡ.

PJ PïP°C†C-C"PSC,C-PI P· PïPsPjC-CḡPSPsCḡ PrPëCṛC,,CṛPSPeC†C-C"CHḡ PïPµC†C-PSPePë
(P·P°PiP°P»CHḡPSPëPNë P±C-P»C-CḡCṛP±C-PS PI 1,5-3 CḡP°P·Pë PIPëC%PëPNë P·P° P'PḡPḡ
PSPµP·P°P»PµPḡPSPs PIC-Pr CḡC-PIPsCḡ PḡP»Pṽ) PrPsP·Cṛ P'PsC,CḡC-C"PSC,Cṛ^{PṽPḡ}
PSPµPsP±C...C-PrPSPs P·PSPëP·PëC,Pë PrPs 200 PjPi PSP° PrPsP±Cṛ. P"PsC,PµPïPµCḡ
PSPµPrPsCṛC,P°C,PSCHḡPs PrP°PSPëC... PïCḡPs P·P°CṛC,PsCṛCṛPIP°PSPSCḡ
PïCḡPµPïP°CḡP°C,Cṛ PïP°C†C-C"PSC,P°Pj P· C,CḡPḡPePsCḡ PïPµC†C-PSPePsPIPsCḡ
PSPµPrPsCṛC,P°C,PSC-CṛC,CHḡ (P·P°PiP°P»CHḡPSPëPNë P±C-P»C-CḡCṛP±C-PS P±C-P»CHḡCḡ
PSC-Pḡ Cṛ 3 CḡP°P·Pë PIPëC%PëPNë P·P° P'PḡPḡ PSPµP·P°P»PµPḡPSPs PIC-Pr CḡC-PIPsCḡ
PḡP»Pṽ); Cṛ P·PIBḡ™ CḡP·PeCṛ P· C†PëPj PïCḡPëP·PSP°C†PµPSPSCḡ P'PsC,CḡC-C"PSC,Cṛ^{PṽPḡ}
C,P°PePëPj PïP°C†C-C"PSC,P°Pj PSPµ CḡPµPePsPjPµPSPṛCṛC"CHḡCṛCḡ.

PIPIPSCḡC- P»C-C,PSCHḡPsPiPs PIC-PeCḡ.

PµP°C†C-C"PSC,Pë CṛC,P°CḡCḡPµ 65 CḡPsPeC-PI PSPµ PïPsC,CḡPµP±CṛCḡC,CHḡ
PePsCḡPµPeC†C-C— PrPsP·Pë, C†P°CṛC,PsC,Pë C,P° CṛPïPsCṛPsP±Cṛ PïCḡPëPNëPsPjCṛ
PïCḡPµPïP°CḡP°C,Cṛ.

P"C-C,Pë.

P'PµP·PïPµC†PSC-CṛC,CHḡ C,P° PµC,,PµPeC,PëPIPsC-CṛC,CHḡ P·P°CṛC,PsCṛCṛPIP°PSPSCḡ
P'PsC,CḡC-C"PSC,Cṛ^{PṽPḡ} Cṛ PrC-C,PµPNë PrPsC,PµPïPµCḡ PSPµ PIPëPIC†PµPSC- (PrPëPI.

$$\text{C}_7\text{H}_5\text{PsP} \cdot \text{PrC-P} \gg \text{B} \ll \text{PhC}^+\text{PsP} \pm \text{P} \gg \text{P} \ddot{\text{e}} \text{PIP} \text{S} \text{C}^+\text{C}, \text{C-} \text{P} \cdot \text{P}^{\circ} \text{C}^+\text{C}, \text{PsC}^+\text{C} \text{r} \text{PIP}^{\circ} \text{PSPSC} \ddot{\text{U}} \text{B} \gg).$$

P̣P̣CḤP̣PṚPsP·CʒPIP°PSPSCḲ.

PJ PeP»C-PSC-C†PSPëC... PrPsCÍP»C-PrP¶PµPSPSC¶C... PIPëPIC†P°P»PëCÍC¶ PrPsP·Pë
P'PsC,C¶C-C" PSC,CÍ^{PyPb} PrPs 2000 PjPi. PJ 1 P· 3 PiP°C†C-C" PSC,C-PI, C%Ps
PsC,C¶PëPjCÍPIP°P»Pë PiC¶PµPiP°C¶P°C, CÍ PrPsP·P°C... 2000 PjPi C,P° 1000 PjPi PSP°
PrPsP±CÍ, CÍPiPsCÍC,PµC¶C-PiP°P»PëCÍC¶ PiC-PrPIPëC%PµPSP°
PIC,PsPjP»C¶PIP°PSC-CÍC,C¶ 3-PiPs CÍC,CÍPiPµPSC¶ C,C¶P¶PePsCÍC,C-
(PrPsP·PsP»C-PjC-C,CÍC¶C†P° C,PsPeCÍPëC†PSC-CÍC,C¶) C,P° P°C¶C,PµC¶C-P°P»C¶PSP°
PiC-PiPµC¶C,PµPSP·C-C¶ 3-PiPs CÍC,CÍPiPµPSC¶ C,C¶P¶PePsCÍC,C- PIC-PrPiPsPIC-PrPSPs.

$$P\check{Y}P\check{e}PjP\check{i}C,PsPjP\check{e} C,P^{\circ} PsP\cdot PSp^{\circ}PeP\check{e}.$$
$$P''PsC,P\mu\Pi P\mu C\bar{H} \quad PrPsC\bar{\Gamma}PIC-Pr \quad \Pi P\mu C\bar{H}P\mu PrPsP.CrPIP^oPSPSC\bar{I} \quad P'PsC,C\bar{H}C-C''PSC,Cr^{PyPh}$$
$$PsP\pm PjP\mu P\Pi P\mu PSP\ddot{E}PN_0.$$
$$P \succ C - P \in C \dot{\prec} PIP^\circ PSPSC \downarrow.$$

PŸPİPıC†PĖC,,C-C‡PSPsPiPs P°PSC,PēPrPsC,Cr PİCḤPē PİPıCḤPıPrPsP·CrPIP°PSPSC-
PİP°P·PsPİP°PSC-P±Cr PSPıPjP°C". P—P°CÍC,PsCÍPsPICrCḤC,CHCÍCı P·PIPēC‡P°PN₂PSC-
PİC-PrC,CḤPēPjCrCḤC‡C- P·P°CÍPsP±Pē P·P°P»PıP¶PSPs PIC-Pr PeP»C-PSC-C‡PSPēC...
PİPsPeP°P·P°PSCH. P"PıPjPsPrC-P°P»C·P PSP°PICḤCıPr C‡Pē P±CrPrPı CÍPİCḤPēCıC,Pē
PİPsPeCḤP°C%ıPıPSPSCḤ PıP»C-PjC-PSP°C†C-C— PİP°P·PsPİP°PSC-P±Cr, PsCÍPeC-P»CHPePē
C†PıPN₂ PİCḤPıPİP°CḤP°C, CÍCrC,C,C"PIPs PSPı PıPeCÍPeCḤPıC,CrC"C,CHCÍCı
PSPēCḤPeP°PjPē C,P° P·PSP°C‡PSPsCḤ PjC-CḤPsCḤ P·Plḇḥ™ CıP·CrC"C,CHCÍCı P·
P±C-P»PeP°PjPē PİP»P°P·PjPē PeCḤPsPIC-.

$P_{\psi}P_{\sigma}P_{\pm}C-C\neq PSC-C\bar{H}P_{\mu}P^{\circ}P_{\epsilon}C\neq C-C-$.

P—PIP_μPrP_μPSC- PrP°PSC-, PsC, C₇P₆P₆P°PSC- PI PsC₇PSPsPIPSPsPjC₇
PrPsC₇P»C-PrP_¶P_μPSPSC- C₇ P₆P°C₇C-C°PSC, C-PI P· P₆P₆P₆ (VEG105192, n=290),
C₇P₆P·C₆P₆C₇P_μPSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- (VEG107769, n=71),
PrPsP₆P₆PjC-P_¶PSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- C₇, P°P·P₆ II (VEG102616, n=225) C, P°
C₇P°PSPPrPsPjC-P·PsPIP°PSPsPjC₇ PIC-PrPeC₇P₆C, PsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC-
PSP_μPjP_μPSC₆PsC— P_μC₇, P_μPeC, P₆PIPSPsC₇C, C- PI P₆P°C₇P°P»P_μP»C₇PSP₆C... PiC₇C₇P₆P°C...
C₇, P°P·P₆ III (VEG108844, n=557), P±C₇P»P₆ PiC₇P₆P°PSP°P»C-P·PsPIP°PSC- PI PjP_μP_¶P°C...
P·P°PiP°P»C₇PSPsC— PsC₇C-PSPeP₆ P±P_μP·P₆P_μPeP₆ C, P° P₆P_μC₇P_μPSPsC₇P₆PjPsC₇C, C-
P₆P°P·PsP₆P°PSC-P±C₇ (PIC₇C₇P₆P₆ n=1149) PI PsC₇C-P± P· P₆P₆P₆.

P—PIP_μPrP_μPSC- PrP°PSC-, PsC, C₇H₅PëPjP°PSC- PI P±P°P·PsPIP_μPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC-
C₇ PiP°C₇C-C°PSC, C-PI P· C₇P°C₇PePsPjPsC₇ Pj₅H₇TM C₇IPePëC... PeP»C-C, PëPS (P_YP_HP_Y)
(VEG110727, n=369) C- PrPsPiPsPjC-P_¶PSPsPjC₇ PrPsC₇P»C-PrP_¶P_μPSPSC- C,,P°P·Pë II
(VEG20002, n=142), P±C₇P»Pë PiC₇PsP°PSP°P»C-P·PsPIP°PSC- PI PjP_μP_¶P°C...
P·P°PiP°P»CH₅PSPsC— PsC₇C-PSPePë P±P_μP·PiP_μPePë C,P° PiP_μC₇P_μPSPsC₇PëPjPsC₇C,C-
PiP°P·PsPiP°PSC-P±C₇ (P·P°PiP°P»CH₅PSP° PiPsPiC₇P»C₇C₇C-C₇ PrP»C₇ PsC₇C-PSPePë
P±P_μP·PiP_μPePë n=382) PI PsC₇C-P± P· P_YP_HP_Y.

[illegible][illegible]

РnPsCҗCfCӨPnPPSPSCII P· P±PsPeCf CӨPeC-CHPө C, P° PiC-PrCӨPeC-CHPSPөC... C, PeP°PSPөPS	P°CfP¶Pµ C±P°CTC, Ps	P—PJC-PSP° PePsP»CHPsCҗCf PIPsP»PsCfCTCII P°C-PIPsPiC-PiPiPµPSC, P°CTC-CII CӨPeC-CHPө P•PeCTC, PsP»C-P°C, PөPIPPSPөP№ PIPөCTPөPi	93 (24 %)	0	0
	C±P°CTC, Ps	PҗP»PsPiPµCTC-CII P CҗP°P¶PµPSPSCII CӨPeC-CHPө ^и PVCfC...C-CTC, C, H CӨPeC-CHPө P°C-PIPiCҗPiC-PrCҗPsP· P CҗP°P¶PµPSPSCII PSC-PiC, C-PI PYPiPµCҗP±C-P¶ P·CҗPөC, PµPjP°	30 (8 %)	0	0
	PSPµC±P°CTC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCTPөPi PµP°PiCfP»CIICTҗPSPөP№ PIPөCTPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCTC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPPSPөP№ CTPөPSPPrCҗPsPj	26 (7 %)	4 (1 %)	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	21 (5 %)	0	0
	PSPµC±P°CTC, Ps	P°PөCҗP°P·PePө PSP° CӨPeC-CHC- P°PөCTPөPi PµP°PiCfP»CIICTҗPSPөP№ PIPөCTPөPi P PµP»PeCfC-CII C, PsC, PsCfCfC, P»PөPIPsCTC, C- P°PsP»PsPSPSPs-PiC-PrPsCөPsPIPPSPөP№ CTPөPSPPrCҗPsPj	18 (5 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	13 (3 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	11 (3 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	4 (1 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	3 (< 1 %)	1 (< 1 %)	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	1 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	1 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
РnPsCҗCfCӨPnPPSPSCII P· P±PsPeCf PSPөCHPsPe C- CTPµC±PsPIPөPIC-PrPSPөC... CӨP»CIICT...C-PI	C±P°CTC, Ps	PYPөPµP»PµC, PSPs-Pjвҗ ^и CIIP-PsPIPөP№ P±C-P»CHҗ PҗC-Р°P»PiC-CII Pҗвҗ ^и CIIP-PsPIC- CTPIP°P·PjPө	35 (9 %)	2 (< 1 %)	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	28 (7 %)	2 (< 1 %)	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	8 (2 %)	0	0
РnPsCҗCfCӨPnPPSPSCII P· P±PsPeCf PSPөCHPsPe C- CTPµC±PsPIPөPIC-PrPSPөC... CӨP»CIICT...C-PI	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PҗCҗC, CHP°P»PiC-CII	2 (< 1 %)	0	0
Р—P°PiP°P»CHҗPSC- CHҗPsP·P»P°PrPө C, P° CHҗPµP°PeCTC-C— PI PJC-CTCfC- P·P°CTC, PsCfCfPIP°PSPSCII	PrCfP¶Pµ C±P°CTC, Ps	P°C, PsPjP»CHҗPIP°PSC-CTC, CHҗ	178 (47%)	34 (9 %)	1 (< 1 %)
	C±P°CTC, Ps	PкP°P±CHCIIPe ^и P°C-Р»CHҗ PI PiCҗCfPrCIICT... PҗP·PSPs±	18 (5 %)	1 (< 1 %)	0
	PSPµC±P°CTC, Ps	P—P°PiP°P»PµPSPSCII CT°P»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCTC, PµPSC-CII	12 (3 %)	4 (1 %)	0
Р·P°P±PsCHҗP°C, PsCHҗPSC- C·P° C-PSCfC, CHҗCfPjPµPSC, P°P»CHҗPSC- PrP°PSC-^и	PrCfP¶Pµ C±P°CTC, Ps C±P°CTC, Ps	P—PjPµPSCөPµPSPSCII PjP°CTPө C, C-Р»P° PµP°C, PsP»PsPiC-C—, PIPөCIIPIP»PµPSC- PiCTҗPө PsPiP»CIIPrC- P·PhP·-PsCHҗPiP°PSC-PI ^и PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P°P»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P°C-PrC...PөP»PµPSPSCII CHҗC-PIPSCII C...PsP»PµCTC, PµCHPөPSCf PI PeCHҗPsPIC- PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P°CTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI PiP°PjPjP°· PiP»CHC, P°PjC-Р»C, CHP°PSCfC, PµCHP°P·Pө	10 (3 %)	0	0
	PSPµC±P°CTC, Ps	P—P°PiP°P»PµPSPSCII CT°P»PөP·PsPIPsC— PsP±PsP»PsPSPөPө ^и PҗCTC, PµPSC-CII	1 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	1 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	2 (< 1 %)	5 (1 %)	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	8 (2 %)	4 (1 %)	2 (< 1 %)
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	6 (2 %)	0	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	5 (1 %)	2 (< 1 %)	2 (< 1 %)
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	4 (1 %)	0	3 (< 1 %)
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	2 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	2 (< 1 %)	0	0
	PSPµC±P°CTC, Ps	PµC-PrPIPөC°PµPSPSCII CHҗC-PIPSC-PI P±C-Р»C-CHCfP±C-PSCf PI PeCHҗPsPIC- P—PjC-PSP° CHҗC-PIPSCII PҗCTPIP°CHҗC, P°C, P°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjC-PSP° CHҗC-PIPSCII PҗP»P°PSC-PSP°PjC-PSPsC, CHP°PSCfC, PµCHP°P·Pө P—PjPµPSCөPµPSPSCII PeC-Р»CHҗPePsCTC, C- C, CHҗPsPjP±PsCfPөC, C-PI PµPsPrPsPIP¶PµPSPSCII C-PSC, PµCHҗPIP°P·Cf QT PSP° PµP»PµPeC, CHҗPsPeP°CHPrC-PsPiCHҗP°PjC-	2 (< 1 %)	1 (< 1 %)	0

Pj PiP°CTC-C°PSC, C-PI CTCT...C-PrPSPs-P°P·C-PNөCTCHҗPePsPiPs PiPsC...PsPrP¶PµPSPSCII
C±P°CTC, C-CөPµ CTPIPsCTCT, PµCHҗC-PiP°P»Pө PSPµPNөC, CHҗPsPiPµPSC-CH,
C, CHҗPsPjP±PsCfPөC, PsPiPµPSC-CH C, P° CTPIPөPSPPrCHҗPsPj PrPsP»PsPSPSPs-
PiC-PrPsCөPsPIPPSPC— PµCHҗPөC, CHҗPsPrPөP·PµCTCT, PµP·C-C— .

P—PIC-C, CTPIP°PSPSCII PiCTҗPs PiC-PrPsP·CHҗCHPIP°PSC- PSPµP±P°P¶P°PSC-
CHҗPµP°PeCTC-C—

P—PIC-C, CTPIP°PSPSCII PiCTҗPs PiC-PrPsP·CHҗCHPIP°PSC- PSPµP±P°P¶P°PSC-
CHҗPµP°PeCTC-C— PiC-CTP»CII CHҗPµC°CTCT, CHҗP°CTC-C— P»C-PeP°CTCTCHҗPePsPiPs

P·P°CÍPSP±Cí PjP°C” PIP°P¶P»PëPIPµ P·PSP°C‡PµPSPSC¶. P|Pµ P·P°P±PµP·PīPµC‡CíC”
PīPSCÍC,C-PN₂PSPëPN₂ PjPsPSC-C,PSC¶PëPSPi CÍPīC-PIPIC-PrPSPsC€PµPSPSC¶
PePsC¶PëCÍC,CH/C¶PëP·PëPe P·P°CÍC,PSCÍCíPIP°PSPSC¶ P»C-PeP°C¶CÍCHPePsPiPs
P·P°CÍPSP±Cí. PŸPīPµC‡C-P°P»C-CÍC,C-PI CÍC,,PµC¶Pë PsC...PsC¶PsPSPë P·PrPsC¶PsPIB¶™ C¶
PīC¶PsCÍC¶C,CH P·PIC-C,CíPIP°C,Pë PīC¶Ps P±CíPrCH-C¶PeC- PīC-PrPsP·C¶C¶PIP°PSC-
PSPµP±P°P¶P°PSC- C¶PµP°PeC‡C-C— C‡PµC¶PµP· PSP°C‡C-PsPSP°P»CHPSCí CÍPëCÍC,PµPjCí
P·PIC-C,PSPsCÍC,C- (P°PIC,PSPjP°C,PëP·PsPIP°PSP° C-PSC,,PsC¶PjP°C‡C-PN₂PSP°
CÍPëCÍC,PµPjP° P· C,,P°C¶PjP°PePsPSP°PiP»C¶PrCí).

PŸPµC¶PjC-PS PīC¶PëPrP°C,PSPsCÍC,C-. 3 C¶PsPePë.

PjPjPsPIPë P·P±PµC¶C-PiP°PSPSC¶.

P—P±PµC¶C-PiP°C,Pë PīC¶PµPīP°C¶P°C, PīC¶Pë C,PµPjPīPµC¶P°C,CíC¶C- PSPëP¶C‡Pµ 30 B°C.
P—P±PµC¶C-PiP°C,Pë Cí PSPµPrPsCÍC,CíPīPSPsPjCí PrP»C¶ PrC-C,PµPN₂ PjC-CÍC‡C-.

PjPīP°PePsPIPëP°.

PµPs 30 C,P°P±P»PµC,PsPe Cí PSPµPīC¶PsP·PsC¶PsPjCí C,,P»P°PePsPSC- P·
PīPsP»C-PµC,PëP»PµPSCí PIPëCÍPSPePsC— C%oC-P»CHPSPsCÍC,C- P±C-P»PsPiPs
PePsP»CHPsC¶Cí P· PīPsP»C-PīC¶PsPīC-P»PµPSPsPIPsC¶ PeC¶PëC€PePsC¶, C%oPs PjP°C”
P·P°C...PëCÍC, PIC-Pr PrC-C,PµPN₂. PµPs 1 C,,P»P°PePsPSCí PI PeP°C¶C,PSPSPSC-PN₂
PePsC¶PsP±C‡C-.

PµP°C,PµPiPsC¶C-C¶ PIC-PrPīCíCÍPeCí. P—P° C¶PµC‡PµPīC,PsPj.

P’PëC¶PsP±PSPëPePë.

1. P’PëPīCíCÍPe CÍPµC¶C—:

P”P»P°PeCÍPs P’PµP»P»PePsPj PŸ.P¶., P‡CÍPīP°PSC-C¶/ Glaxo Wellcome S.A., Spain;

2. P’PëPīCíCÍPe CÍPµC¶C—:

PḱPsPIP°C¶C,C-CÍ PḱP°C¶PjP°CÍCHC¶C,PëPeP°P» PḱP°PSCíC,,P°PeC,CíC¶C-PSPi P»P»PŸ,
PŸP»PsPIPµPSC-C¶/ Novartis Pharmaceutical Manufacturing LLC, Slovenia.

**PḱC-CÍC‡PµP·PSP°C...PsPrP¶PµPSPSC¶ PIPëC¶PsP±PSPëPeC-PI C,P° P°PrC¶PµCÍPë
PjC-CÍC‡C¶ PīC¶PsPIP°PrP¶PµPSPSC¶ C—C... PrC-C¶P»CHPSPsCÍC,C-.**

1. PḱPIPrP°. P·PeCÍC,C¶PµPjP°PrCíC¶P°, 3, PµPsP». P‡PSPr. PḱP»P»PµPSPrPµPrCíPµC¶Ps,
PḱC¶P°PSPrP° PrPµ P”CíPµC¶Ps, P’CíC¶PiPsCÍ, 09400, P‡CÍPīP°PSC-C¶/ Avda. Extremadura, 3,

Pol. Ind. Allendeduero, Aranda de Duero, Burgos, 09400, Spain;

2. PICŕP». P'PµCĤPsPIC€PePsPIP° 57, P>CHP±P»CİIPSP°, 1000, PŸP»PsPIPµPSC-Cİİ/ Verovskova
Ulica 57, Ljubljana, 1000, Slovenia.